

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100522\
 Data File : VX031893.D
 Acq On : 05 Oct 2022 14:33
 Operator : JC/MD
 Sample : VX1005MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1005MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/06/2022
 Supervised By : Mahesh Dadoda 10/06/2022

Quant Time: Oct 05 14:58:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100522W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 05 12:20:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	115376	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	157813	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	173033	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	132614	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	87923	50.596	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.200%			
35) Dibromofluoromethane	5.385	113	90156	52.215	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.420%			
50) Toluene-d8	8.647	98	314614	51.440	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.880%			
62) 4-Bromofluorobenzene	11.079	95	116071	52.760	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.520%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	27564	20.631	ug/l	96
3) Chloromethane	1.288	50	22429	18.991	ug/l	98
4) Vinyl Chloride	1.368	62	29400	19.319	ug/l	94
5) Bromomethane	1.612	94	30050	21.114	ug/l	98
6) Chloroethane	1.685	64	21436	16.345	ug/l	99
7) Trichlorofluoromethane	1.886	101	60517	19.130	ug/l	100
8) Diethyl Ether	2.130	74	20616	19.461	ug/l	74
9) 1,1,2-Trichlorotrifluo...	2.331	101	29459	19.244	ug/l #	82
10) Methyl Iodide	2.453	142	26566	17.254	ug/l	98
11) Tert butyl alcohol	2.989	59	28753m	125.747	ug/l	
12) 1,1-Dichloroethene	2.313	96	26891	18.549	ug/l #	79
13) Acrolein	2.233	56	14697	99.866	ug/l	99
14) Allyl chloride	2.660	41	30018	19.945	ug/l #	92
15) Acrylonitrile	3.063	53	64526	100.346	ug/l	99
16) Acetone	2.386	43	50150	99.629	ug/l	89
17) Carbon Disulfide	2.508	76	54096	18.925	ug/l	99
18) Methyl Acetate	2.703	43	34672	21.266	ug/l #	83
19) Methyl tert-butyl Ether	3.111	73	89707	20.236	ug/l	99
20) Methylene Chloride	2.788	84	30625	18.473	ug/l #	78
21) trans-1,2-Dichloroethene	3.093	96	31249	19.245	ug/l #	84
22) Diisopropyl ether	3.757	45	70870	20.069	ug/l #	88
23) Vinyl Acetate	3.721	43	275889	105.583	ug/l #	87
24) 1,1-Dichloroethane	3.605	63	46681	19.342	ug/l	97
25) 2-Butanone	4.562	43	83644	104.330	ug/l #	80
26) 2,2-Dichloropropane	4.471	77	34990	19.207	ug/l	89
27) cis-1,2-Dichloroethene	4.489	96	36752	19.330	ug/l	76
28) Bromochloromethane	4.898	49	19213	20.106	ug/l #	45
29) Tetrahydrofuran	5.013	42	53493	107.203	ug/l #	76
30) Chloroform	5.093	83	59079	19.953	ug/l	100
31) Cyclohexane	5.465	56	38389	19.123	ug/l #	84
32) 1,1,1-Trichloroethane	5.379	97	50755	19.483	ug/l	93
36) 1,1-Dichloropropene	5.690	75	38963	19.441	ug/l	92
37) Ethyl Acetate	4.715	43	32512	21.000	ug/l #	91
38) Carbon Tetrachloride	5.678	117	46216	19.585	ug/l	96
39) Methylcyclohexane	7.379	83	51834	20.185	ug/l #	84
40) Benzene	6.038	78	118495	19.662	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	17113	21.377	ug/l #	85
42) 1,2-Dichloroethane	6.086	62	41185	20.572	ug/l	93
43) Isopropyl Acetate	6.342	43	51190	21.665	ug/l #	90
44) Trichloroethene	7.123	130	39903	19.455	ug/l	80
45) 1,2-Dichloropropane	7.434	63	27621	20.567	ug/l	95
46) Dibromomethane	7.580	93	24473	20.616	ug/l #	80
47) Bromodichloromethane	7.824	83	41799	20.620	ug/l	97
48) Methyl methacrylate	7.696	41	23710	21.251	ug/l #	78
49) 1,4-Dioxane	7.690	88	16664	438.860	ug/l #	83
51) 4-Methyl-2-Pentanone	8.574	43	170329	107.153	ug/l	89
52) Toluene	8.720	92	83590	19.590	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	37596	20.569	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	44012	20.946	ug/l #	83
55) 1,1,2-Trichloroethane	9.153	97	36409	20.745	ug/l	92
56) Ethyl methacrylate	9.116	69	43259	21.405	ug/l #	81
57) 1,3-Dichloropropane	9.311	76	53124	20.365	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	106668	105.273	ug/l #	81
59) 2-Hexanone	9.433	43	124960	108.280	ug/l	85
60) Dibromochloromethane	9.525	129	37308	21.129	ug/l	98
61) 1,2-Dibromoethane	9.610	107	39205	21.042	ug/l	98
64) Tetrachloroethene	9.275	164	41731	19.608	ug/l	96
65) Chlorobenzene	10.080	112	97558	19.860	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	35312	20.403	ug/l	98
67) Ethyl Benzene	10.195	91	157584	20.009	ug/l	96
68) m/p-Xylenes	10.305	106	134618	40.545	ug/l	90
69) o-Xylene	10.640	106	66432	20.353	ug/l	88
70) Styrene	10.653	104	105365	20.489	ug/l	95
71) Bromoform	10.799	173	26673	18.751	ug/l #	99
73) Isopropylbenzene	10.964	105	170617	19.370	ug/l	98
74) N-amyl acetate	10.848	43	40829	21.087	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	11.213	83	49432	20.166	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	43173m	20.475	ug/l	
77) Bromobenzene	11.201	156	46886	19.580	ug/l	80
78) n-propylbenzene	11.305	91	184117	19.625	ug/l	94
79) 2-Chlorotoluene	11.366	91	110175	19.220	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	146269	20.063	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	9707	18.719	ug/l	91
82) 4-Chlorotoluene	11.457	91	127164	19.435	ug/l	91
83) tert-Butylbenzene	11.713	119	143973	19.567	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	145259	19.947	ug/l	96
85) sec-Butylbenzene	11.890	105	176705	19.910	ug/l	95
86) p-Isopropyltoluene	12.012	119	156077	19.901	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	90449	20.003	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	89413	19.186	ug/l	97
89) n-Butylbenzene	12.335	91	114872	19.687	ug/l	96
90) Hexachloroethane	12.536	117	20866	19.869	ug/l	87
91) 1,2-Dichlorobenzene	12.335	146	88707	19.628	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	9826	22.576	ug/l	67
93) 1,2,4-Trichlorobenzene	13.585	180	56873	19.815	ug/l	98
94) Hexachlorobutadiene	13.725	225	23766	20.329	ug/l	97
95) Naphthalene	13.774	128	188126	20.802	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	57853	19.972	ug/l	98

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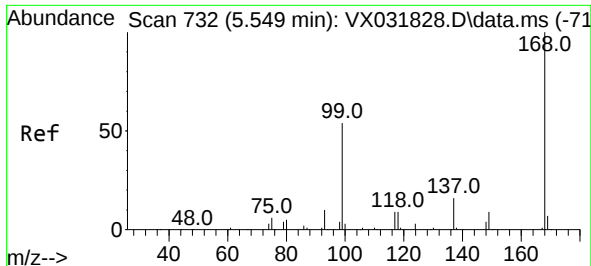
Manual Integrations
APPROVED

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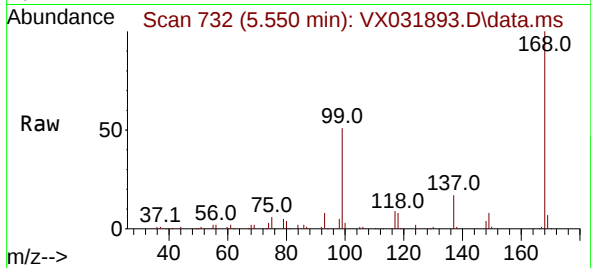
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031893.D
Acq: 05 Oct 2022 14:33

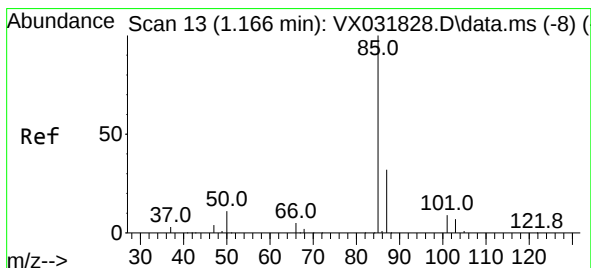
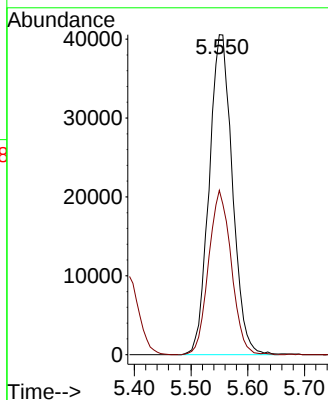
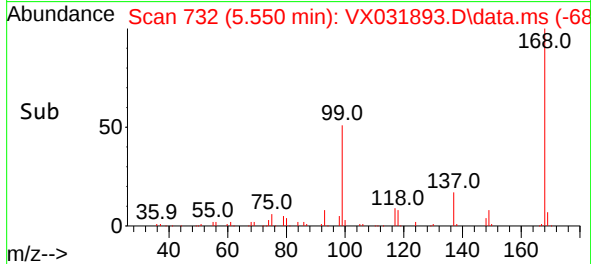
Instrument :
MSVOA_X
ClientSampleId :
VX1005MBS01



Tgt Ion:168 Resp: 115370
Ion Ratio Lower Upper
168 100
99 51.4 48.8 73.2

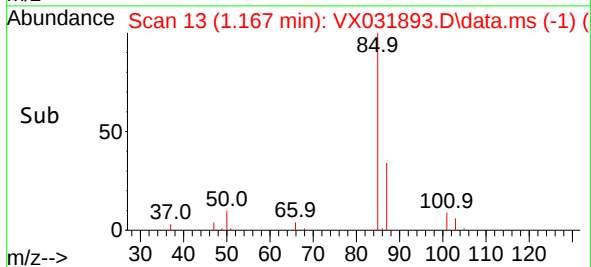
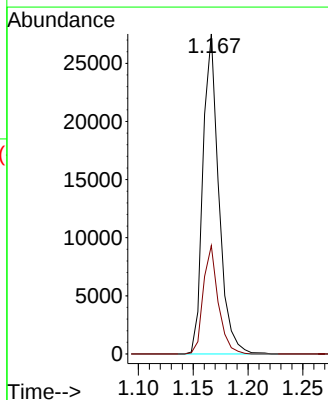
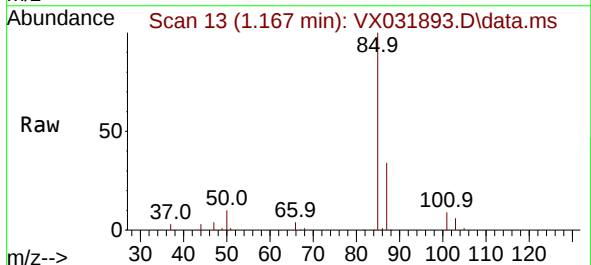
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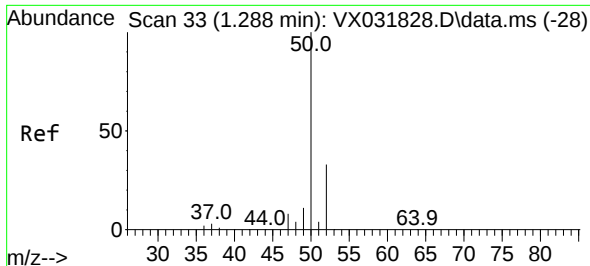
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#2
Dichlorodifluoromethane
Concen: 20.631 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX031893.D
Acq: 05 Oct 2022 14:33

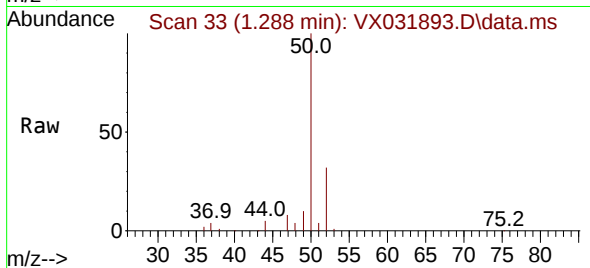
Tgt Ion: 85 Resp: 27564
Ion Ratio Lower Upper
85 100
87 33.9 15.8 47.4





#3
Chloromethane
Concen: 18.991 ug/l
RT: 1.288 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX031893.D
Acq: 05 Oct 2022 14:33

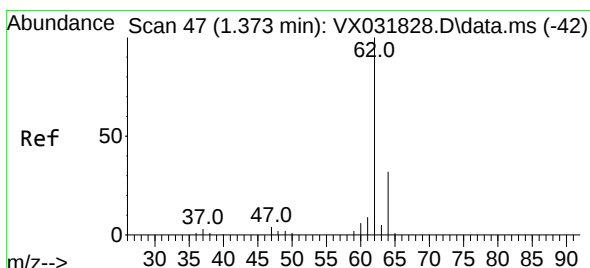
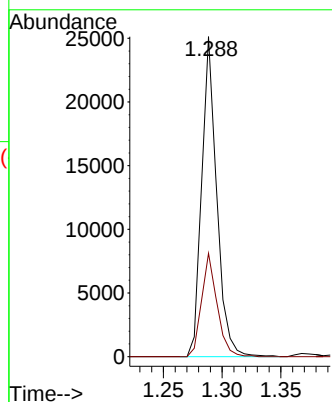
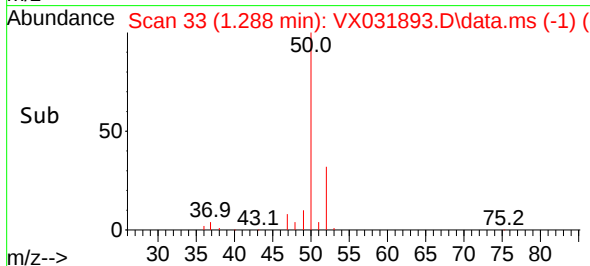
Instrument :
MSVOA_X
ClientSampleId :
VX1005MBS01



Tgt Ion: 50 Resp: 22429
Ion Ratio Lower Upper
50 100
52 32.3 26.9 40.3

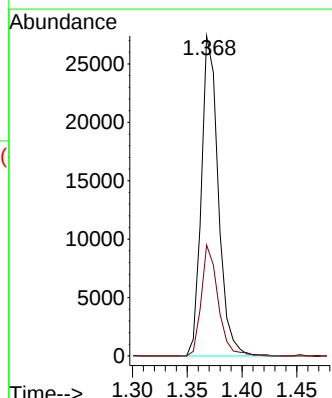
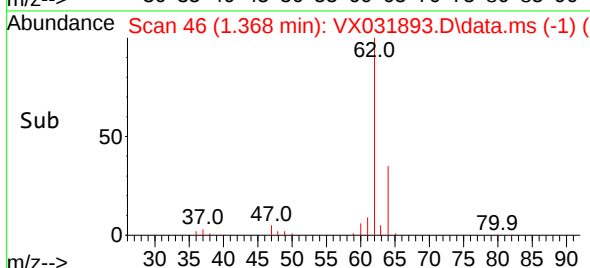
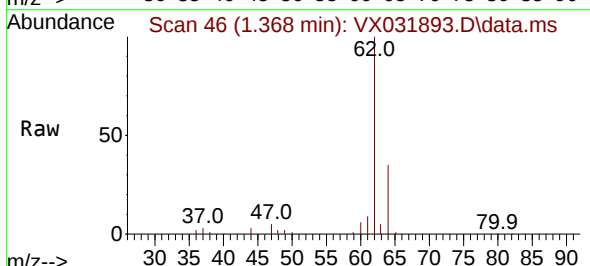
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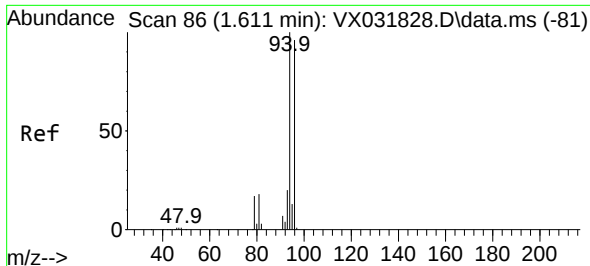
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#4
Vinyl Chloride
Concen: 19.319 ug/l
RT: 1.368 min Scan# 46
Delta R.T. -0.006 min
Lab File: VX031893.D
Acq: 05 Oct 2022 14:33

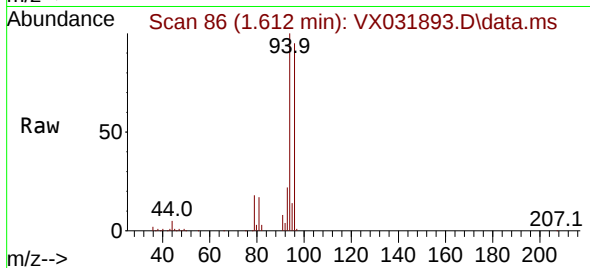
Tgt Ion: 62 Resp: 29400
Ion Ratio Lower Upper
62 100
64 34.7 25.3 37.9





#5
Bromomethane
Concen: 21.114 ug/l
RT: 1.612 min Scan# 80
Delta R.T. 0.001 min
Lab File: VX031893.D
Acq: 05 Oct 2022 14:33

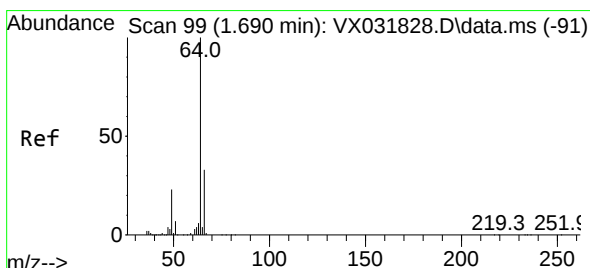
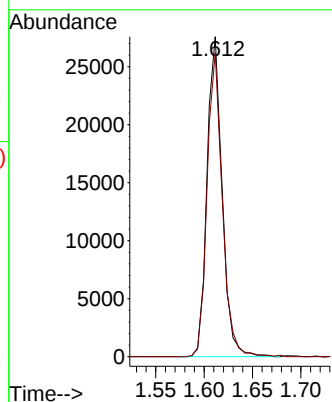
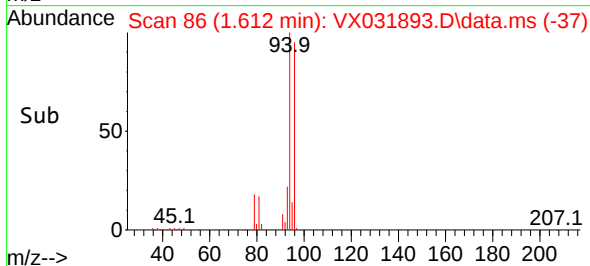
Instrument :
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Tgt Ion: 94 Resp: 30050
Ion Ratio Lower Upper
94 100
96 95.0 74.4 111.6

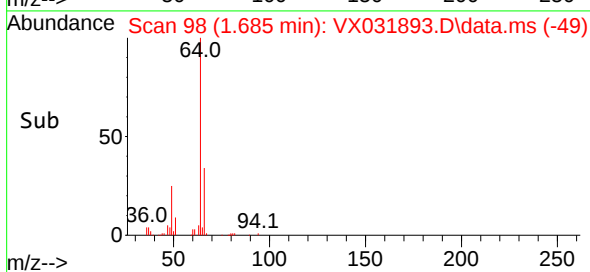
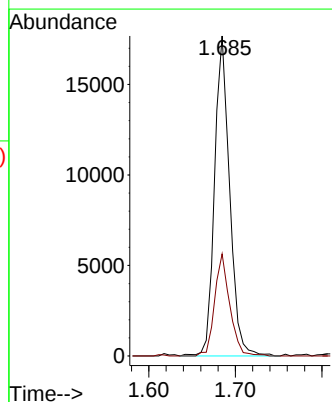
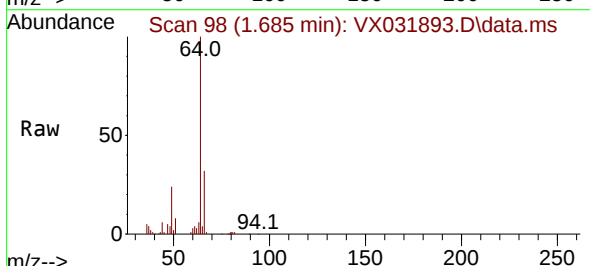
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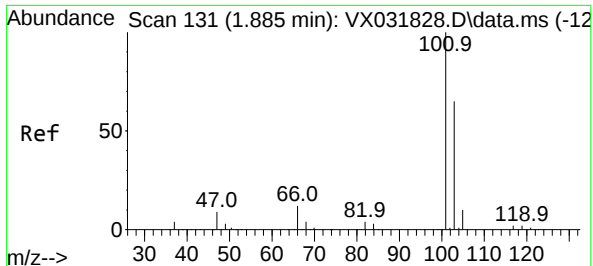
Reviewed By :John Carlone 10/06/2022
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#6
Chloroethane
Concen: 16.345 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX031893.D
Acq: 05 Oct 2022 14:33

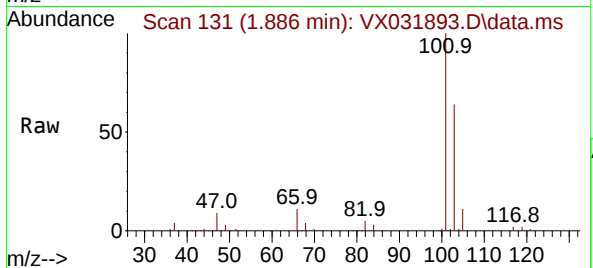
Tgt Ion: 64 Resp: 21436
Ion Ratio Lower Upper
64 100
66 31.9 25.0 37.4





#7
Trichlorofluoromethane
Concen: 19.130 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX031893.D
Acq: 05 Oct 2022 14:33

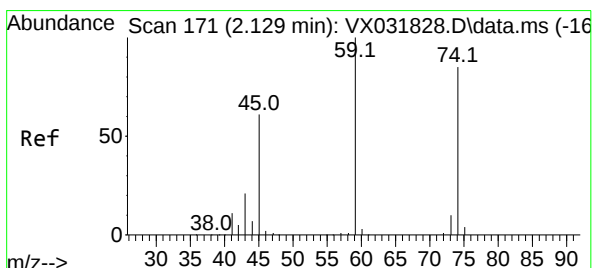
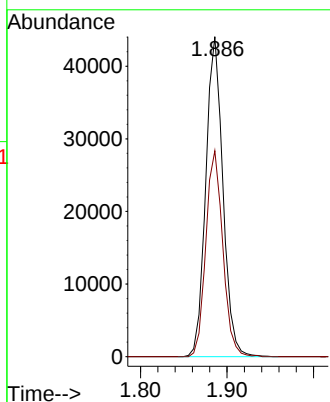
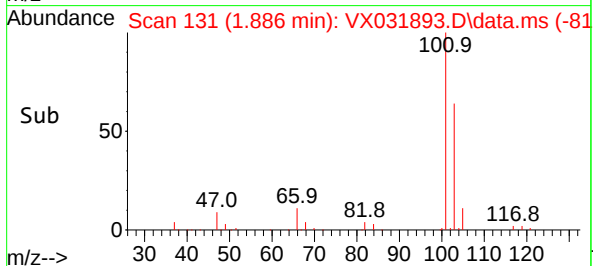
Instrument :
MSVOA_X
ClientSampleId :
VX1005MBSD01



Tgt Ion:101 Resp: 6051
Ion Ratio Lower Upper
101 100
103 64.4 51.8 77.6

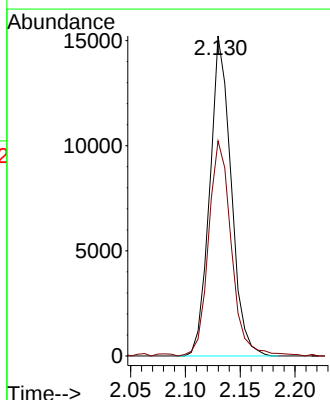
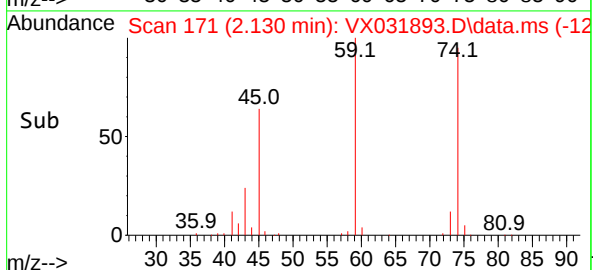
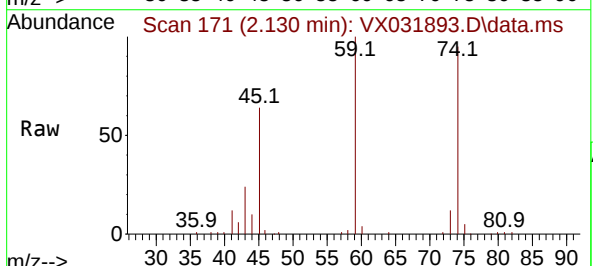
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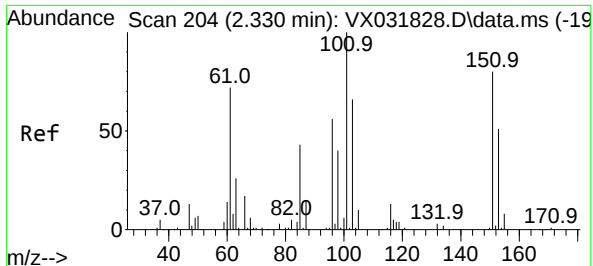
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#8
Diethyl Ether
Concen: 19.461 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX031893.D
Acq: 05 Oct 2022 14:33

Tgt Ion: 74 Resp: 20616
Ion Ratio Lower Upper
74 100
45 71.9 48.5 145.6





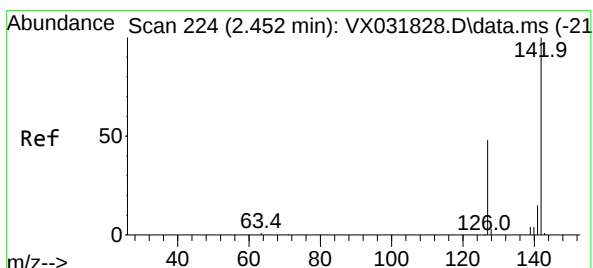
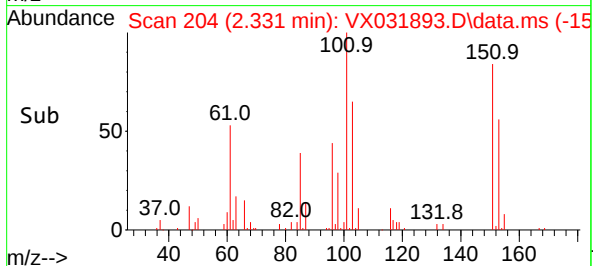
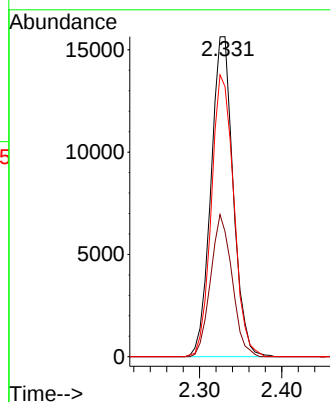
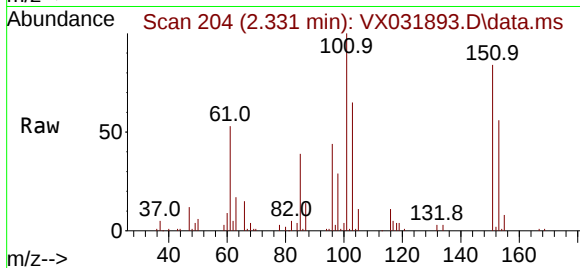
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.244 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX031893.D
Acq: 05 Oct 2022 14:33

Instrument :
MSVOA_X
ClientSampleId :
VX1005MBSD01

Tgt Ion:101 Resp: 29459
Ion Ratio Lower Upper
101 100
85 42.7 38.6 57.8
151 88.3 54.0 81.0

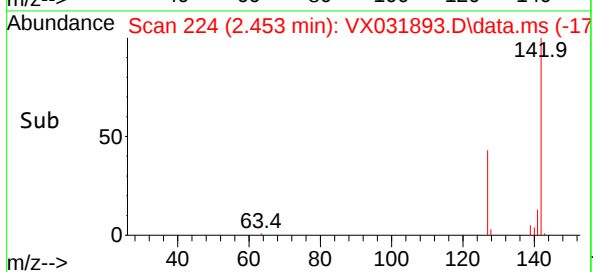
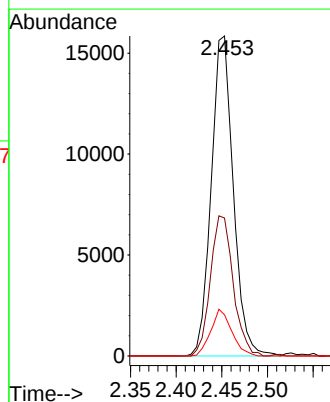
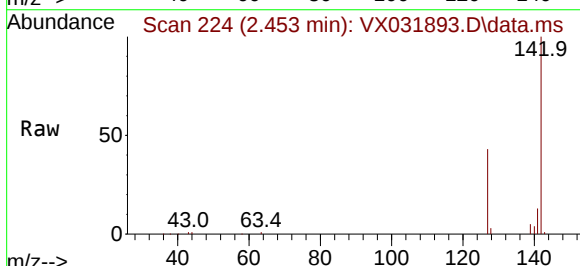
Manual Integrations
APPROVED

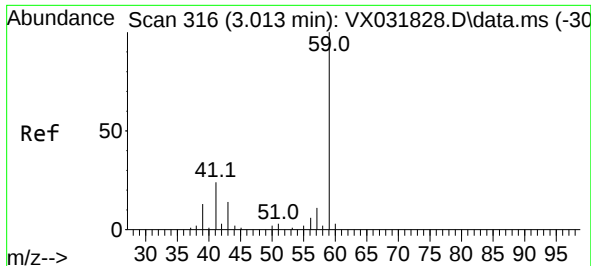
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#10
Methyl Iodide
Concen: 17.254 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX031893.D
Acq: 05 Oct 2022 14:33

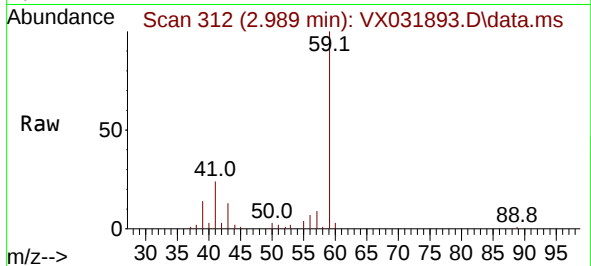
Tgt Ion:142 Resp: 26566
Ion Ratio Lower Upper
142 100
127 45.2 37.4 56.0
141 13.9 11.6 17.4





#11
Tert butyl alcohol
Concen: 125.747 ug/l m
RT: 2.989 min Scan# 316
Delta R.T. -0.092 min
Lab File: VX031893.D
Acq: 05 Oct 2022 14:33

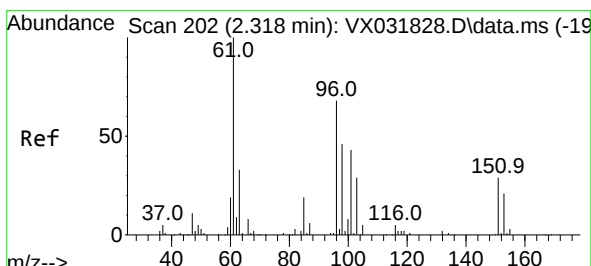
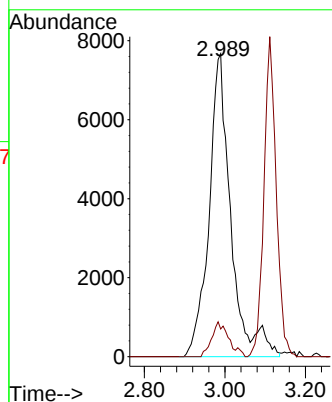
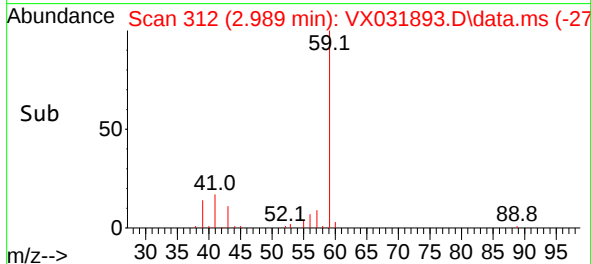
Instrument :
MSVOA_X
ClientSampleId :
VX1005MBSD01



Tgt Ion: 59 Resp: 2875
Ion Ratio Lower Upper
59 100
57 59.7 8.2 12.2

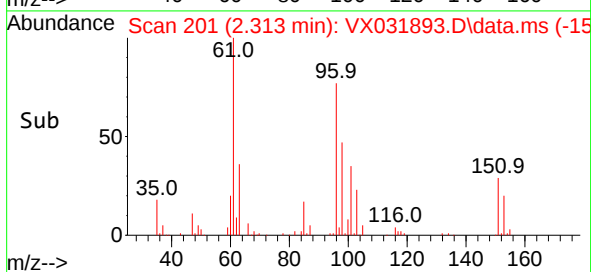
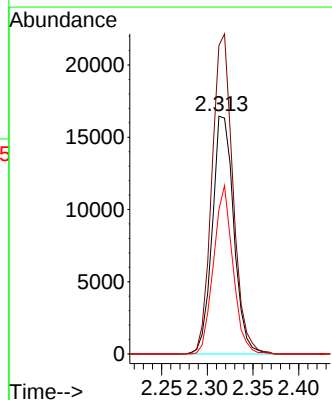
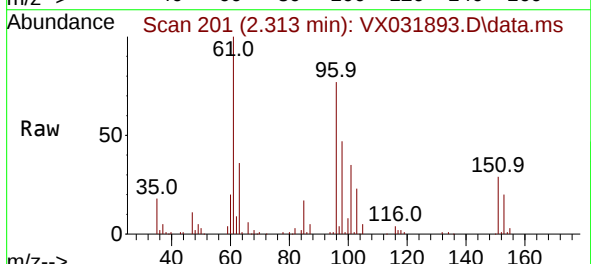
Manual Integrations
APPROVED

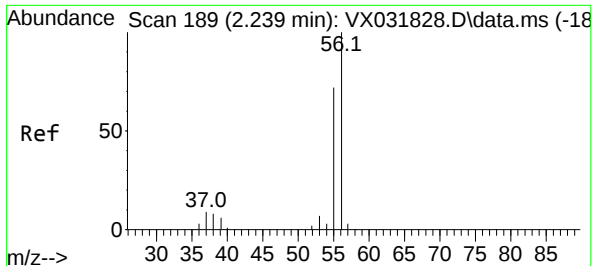
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#12
1,1-Dichloroethene
Concen: 18.549 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX031893.D
Acq: 05 Oct 2022 14:33

Tgt Ion: 96 Resp: 26891
Ion Ratio Lower Upper
96 100
61 129.8 135.3 202.9#
98 60.8 49.4 74.2





#13

Acrolein

Concen: 99.866 ug/l

RT: 2.233 min Scan# 189

Delta R.T. -0.006 min

Lab File: VX031893.D

Acq: 05 Oct 2022 14:33

Instrument :

MSVOA_X

ClientSampleId :

VX1005MBS01

Tgt Ion: 56 Resp: 1469

Ion Ratio Lower Upper

56 100

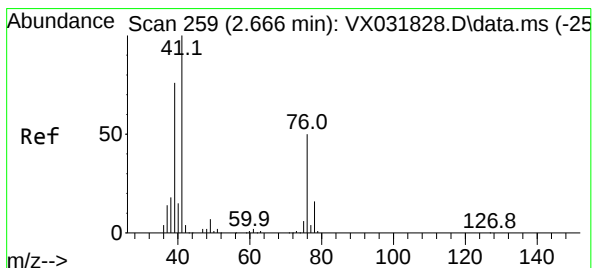
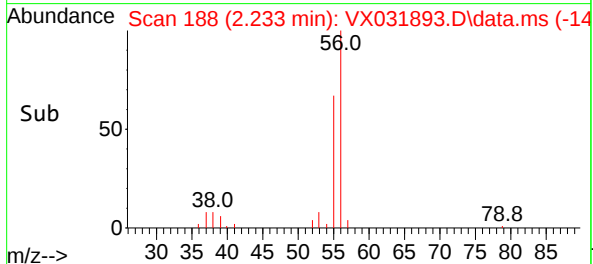
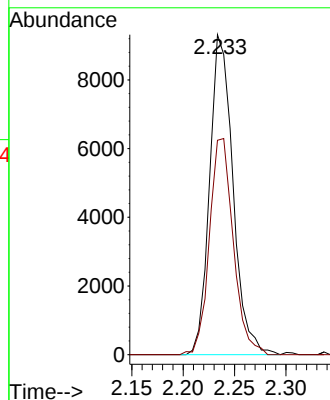
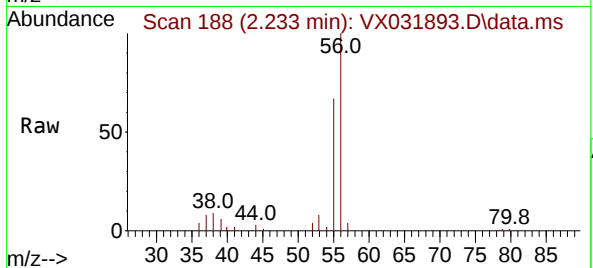
55 69.1 56.0 84.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2022

Supervised By :Mahesh Dadoda 10/06/2022



#14

Allyl chloride

Concen: 19.945 ug/l

RT: 2.660 min Scan# 258

Delta R.T. 0.000 min

Lab File: VX031893.D

Acq: 05 Oct 2022 14:33

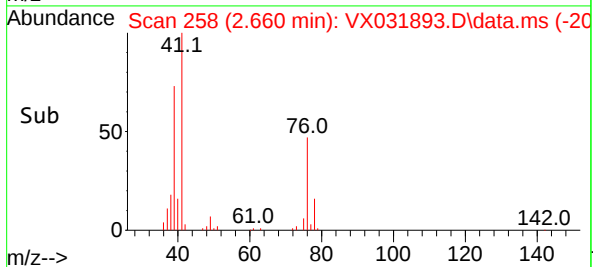
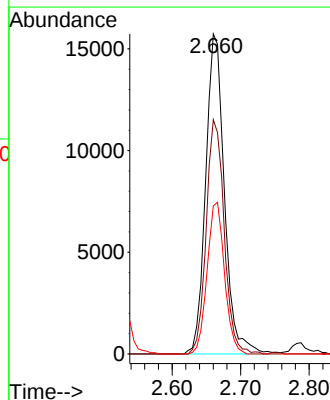
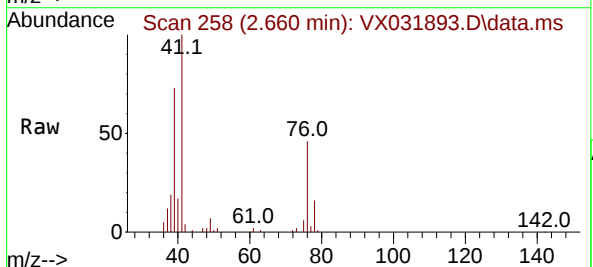
Tgt Ion: 41 Resp: 30018

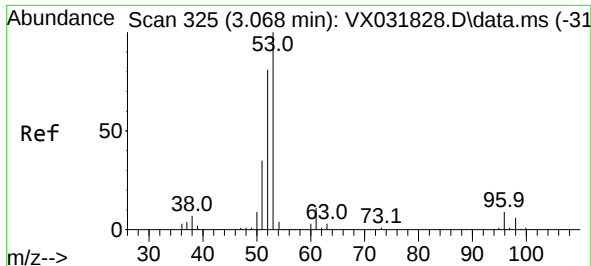
Ion Ratio Lower Upper

41 100

39 69.9 58.2 87.4

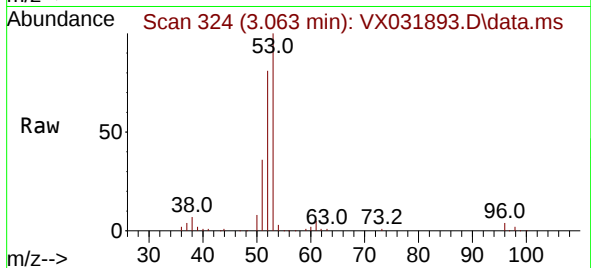
76 43.8 26.9 40.3





#15
Acrylonitrile
Concen: 100.346 ug/l
RT: 3.063 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX031893.D
Acq: 05 Oct 2022 14:33

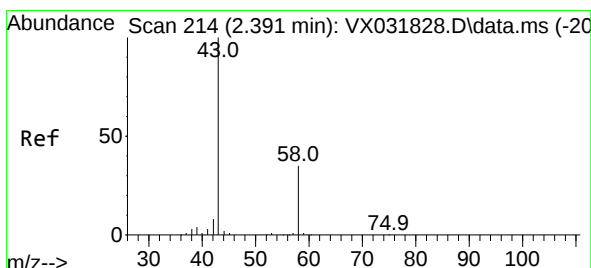
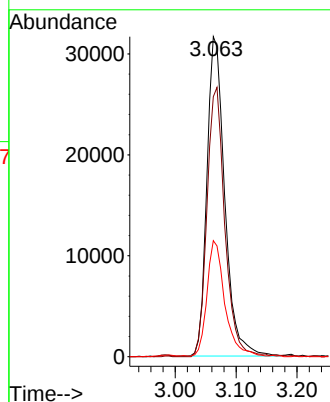
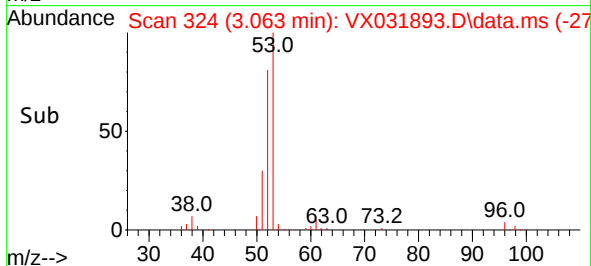
Instrument :
MSVOA_X
ClientSampleId :
VX1005MBS01



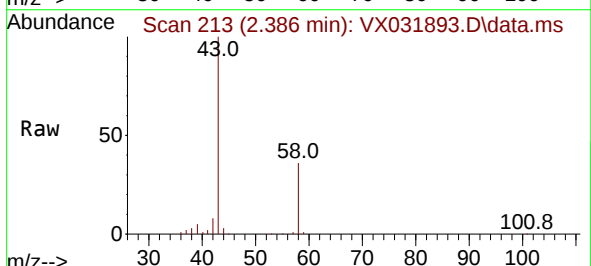
Tgt Ion: 53 Resp: 64520
Ion Ratio Lower Upper
53 100
52 84.2 66.9 100.3
51 36.0 30.0 45.0

Manual Integrations
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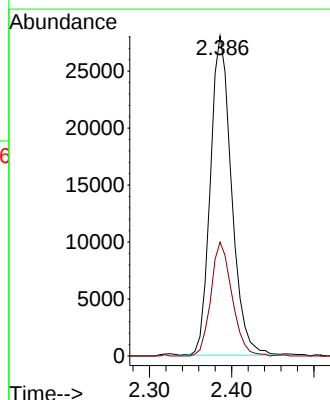
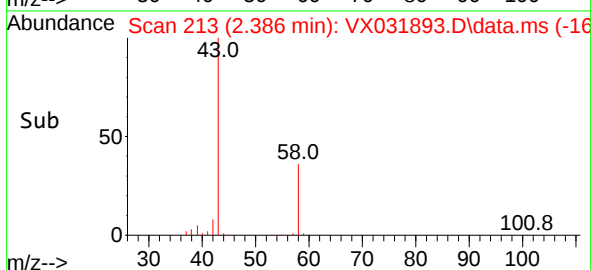
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022

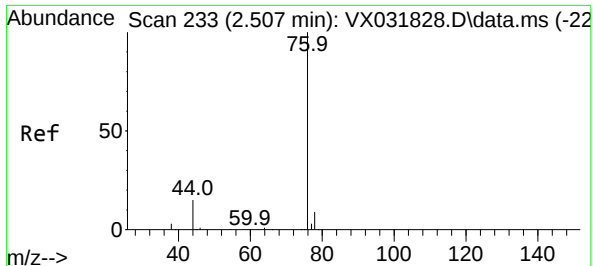


#16
Acetone
Concen: 99.629 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX031893.D
Acq: 05 Oct 2022 14:33



Tgt Ion: 43 Resp: 50150
Ion Ratio Lower Upper
43 100
58 35.7 23.8 35.8





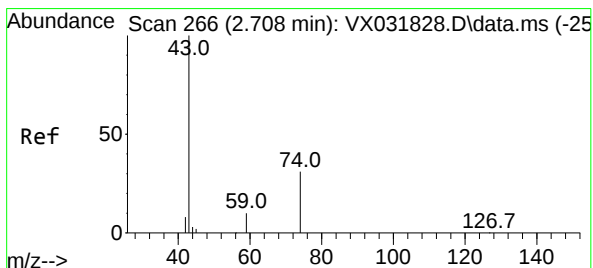
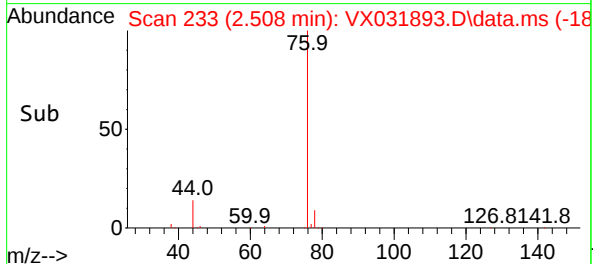
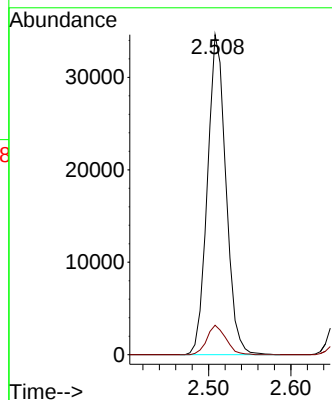
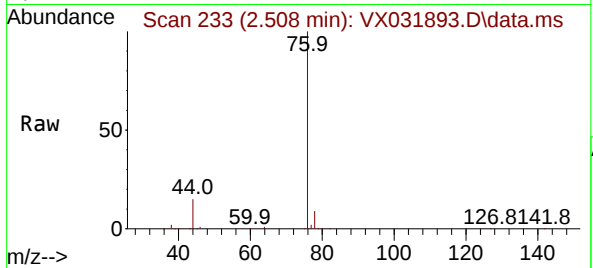
#17
Carbon Disulfide
Concen: 18.925 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX031893.D
Acq: 05 Oct 2022 14:33

Instrument :
MSVOA_X
ClientSampleId :
VX1005MBSD01

Tgt Ion: 76 Resp: 54090
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

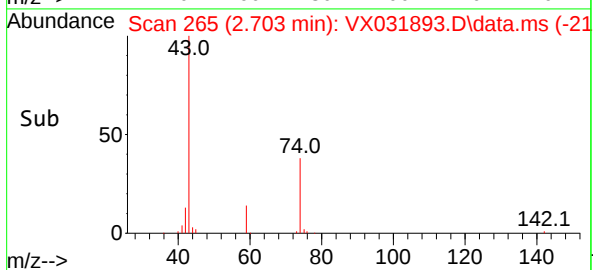
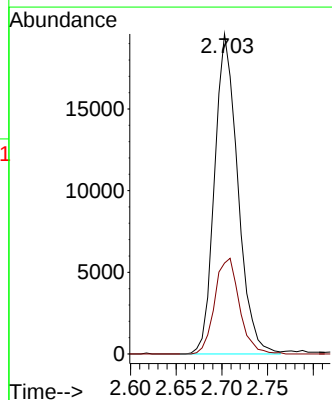
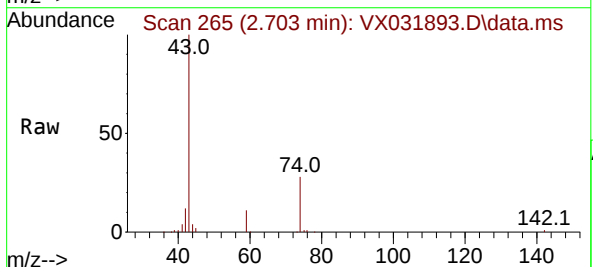
Manual Integrations
APPROVED

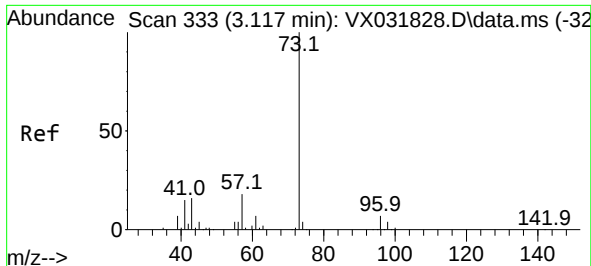
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#18
Methyl Acetate
Concen: 21.266 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX031893.D
Acq: 05 Oct 2022 14:33

Tgt Ion: 43 Resp: 34672
Ion Ratio Lower Upper
43 100
74 31.7 18.6 27.8#





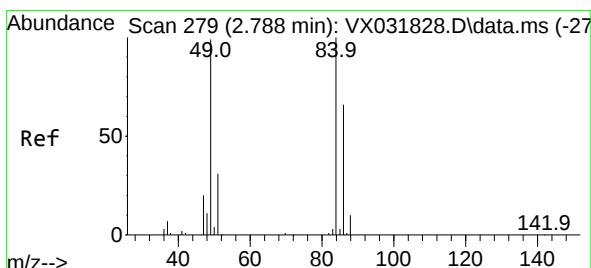
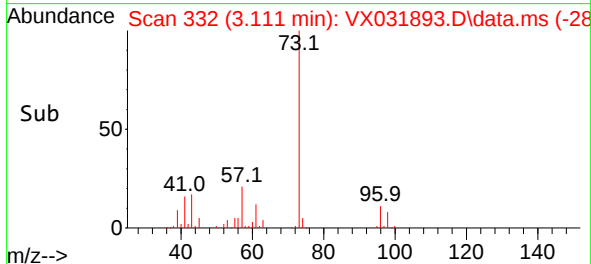
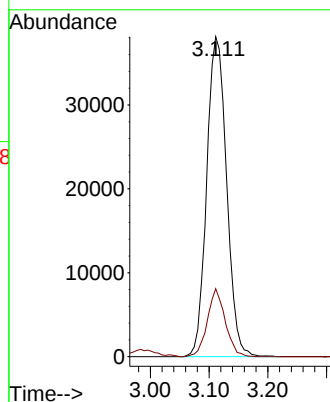
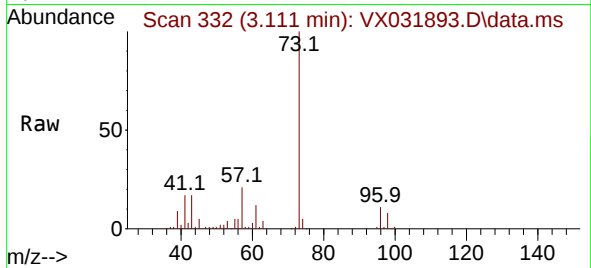
#19
Methyl tert-butyl Ether
Concen: 20.236 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX031893.D
Acq: 05 Oct 2022 14:33

Instrument :
MSVOA_X
ClientSampleId :
VX1005MBSD01

Tgt Ion: 73 Resp: 8970
Ion Ratio Lower Upper
73 100
57 21.2 17.2 25.8

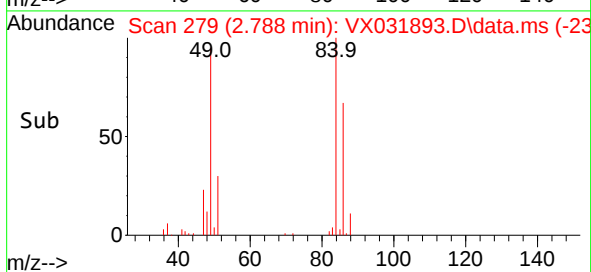
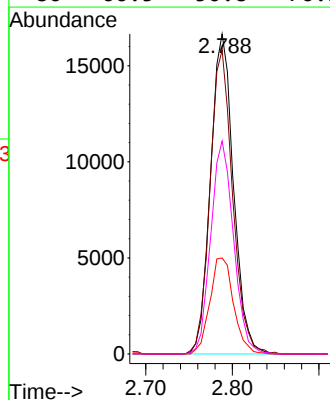
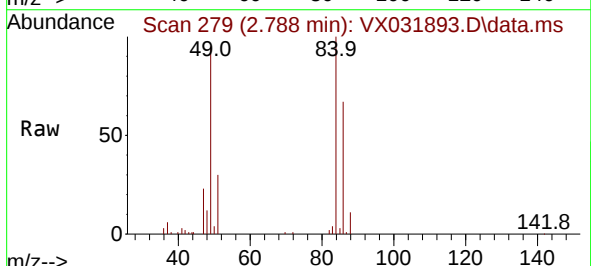
Manual Integrations
APPROVED

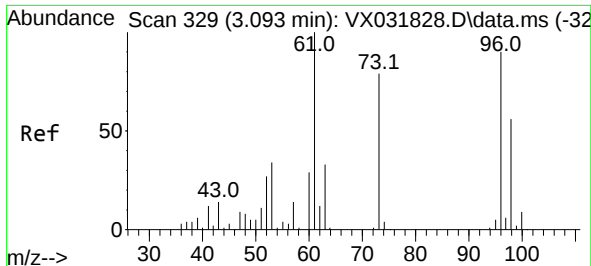
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#20
Methylene Chloride
Concen: 18.473 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX031893.D
Acq: 05 Oct 2022 14:33

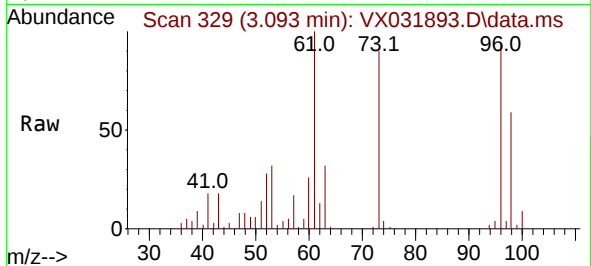
Tgt Ion: 84 Resp: 30625
Ion Ratio Lower Upper
84 100
49 95.0 105.9 158.9#
51 30.0 32.2 48.2#
86 66.5 50.8 76.2





#21
trans-1,2-Dichloroethene
Concen: 19.245 ug/l
RT: 3.093 min Scan# 31249
Delta R.T. -0.000 min
Lab File: VX031893.D
Acq: 05 Oct 2022 14:33

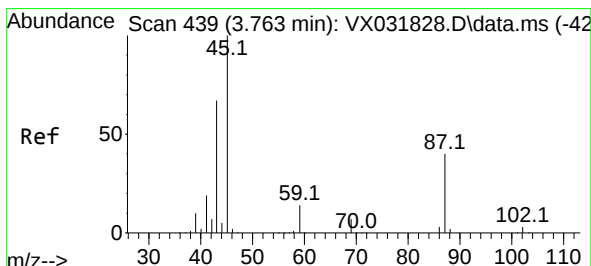
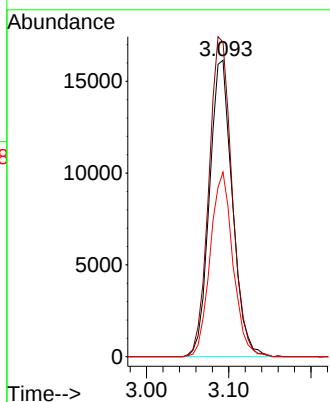
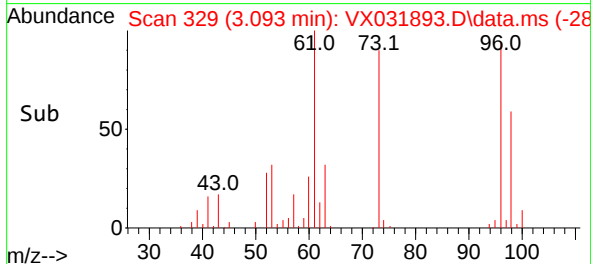
Instrument :
MSVOA_X
ClientSampleId :
VX1005MBS01



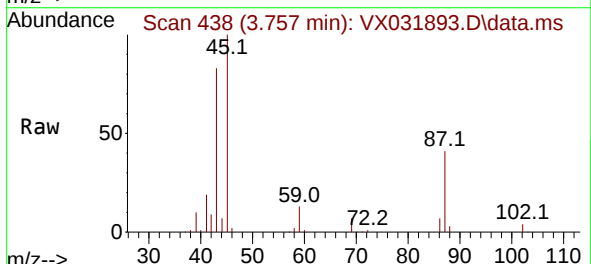
Tgt Ion: 96 Resp: 31249
Ion Ratio Lower Upper
96 100
61 106.1 106.7 160.1#
98 62.2 48.7 73.1

Manual Integrations
APPROVED

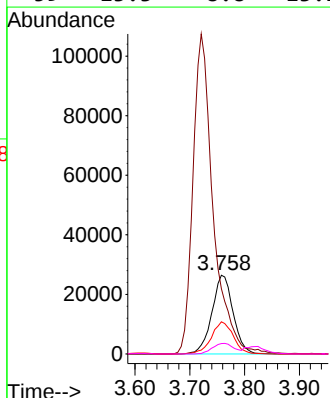
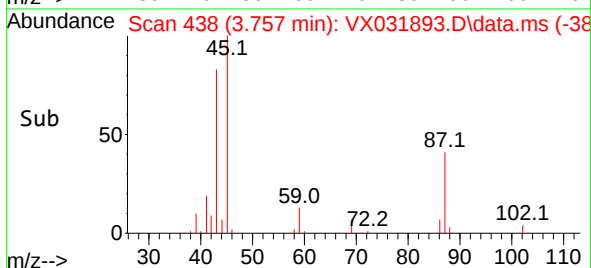
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022

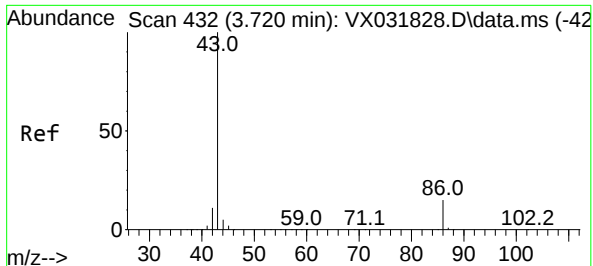


#22
Diisopropyl ether
Concen: 20.069 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX031893.D
Acq: 05 Oct 2022 14:33



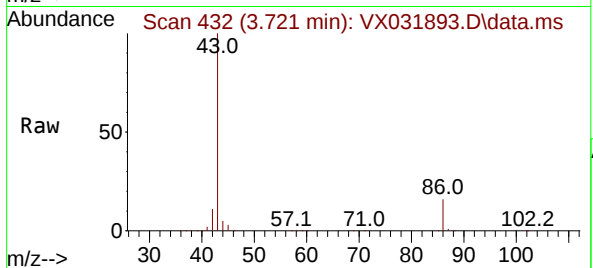
Tgt Ion: 45 Resp: 70870
Ion Ratio Lower Upper
45 100
43 81.5 59.0 88.6
87 40.8 22.6 33.8#
59 13.3 8.8 13.2#





#23
 Vinyl Acetate
 Concen: 105.583 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX031893.D
 Acq: 05 Oct 2022 14:33

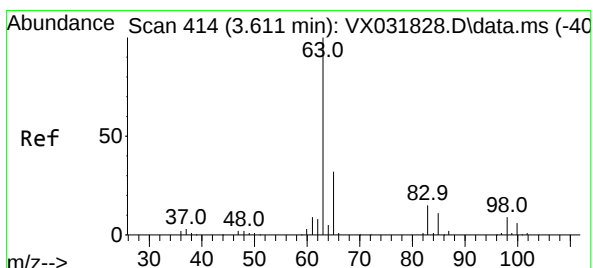
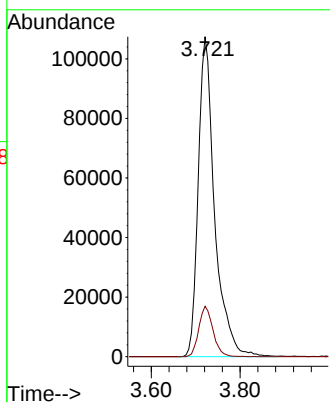
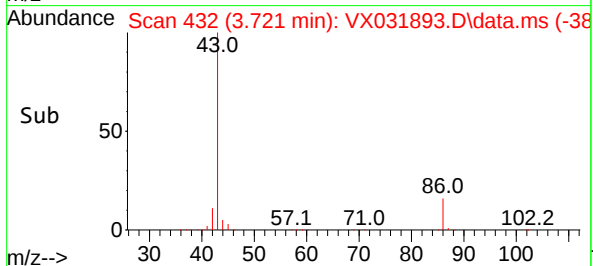
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1005MBSD01



Tgt Ion: 43 Resp: 275889
 Ion Ratio Lower Upper
 43 100
 86 15.8 8.7 13.1

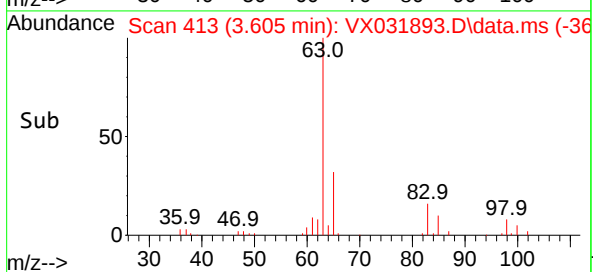
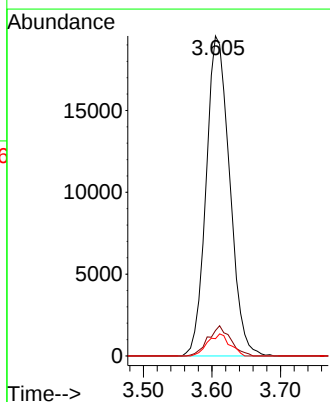
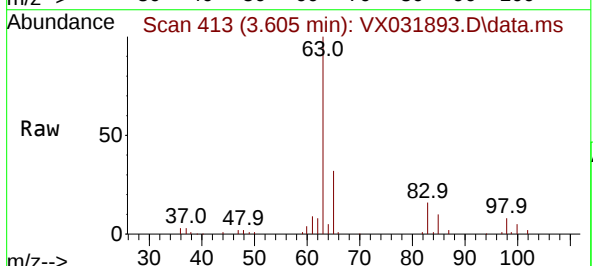
Manual Integrations
 APPROVED

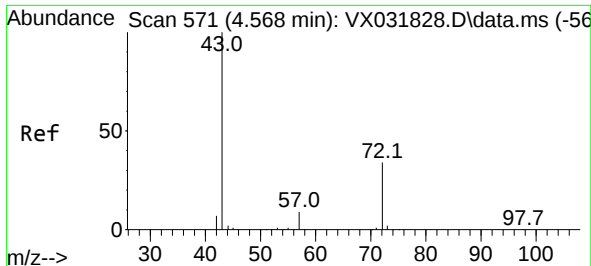
Reviewed By :John Carlone 10/06/2022
 Supervised By :Mahesh Dadoda 10/06/2022



#24
 1,1-Dichloroethane
 Concen: 19.342 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX031893.D
 Acq: 05 Oct 2022 14:33

Tgt Ion: 63 Resp: 46681
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.5 10.4
 100 5.4 2.4 7.2





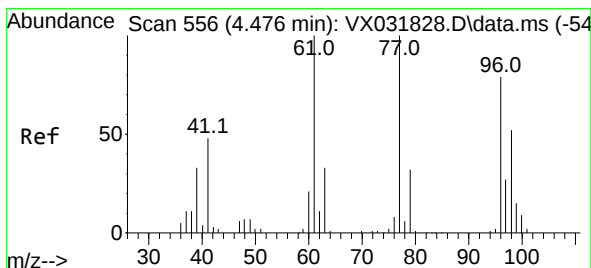
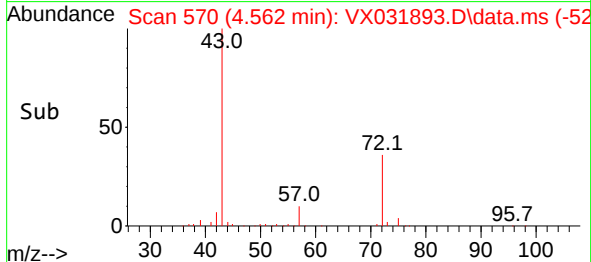
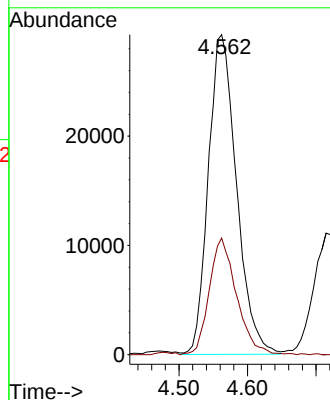
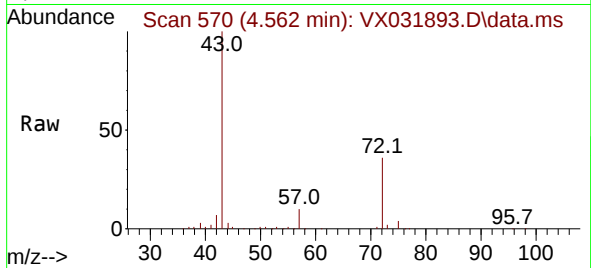
#25
2-Butanone
Concen: 104.330 ug/l
RT: 4.562 min Scan# 571
Delta R.T. -0.006 min
Lab File: VX031893.D
Acq: 05 Oct 2022 14:33

Instrument :
MSVOA_X
ClientSampleId :
VX1005MBS01

Tgt Ion: 43 Resp: 83644
Ion Ratio Lower Upper
43 100
72 36.7 21.1 31.7

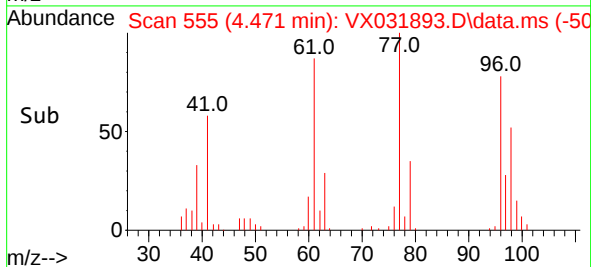
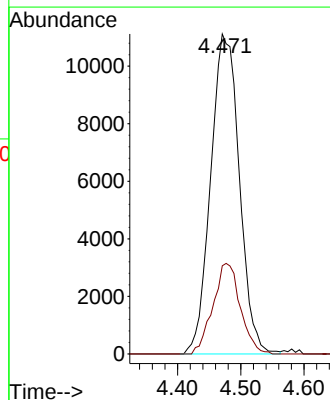
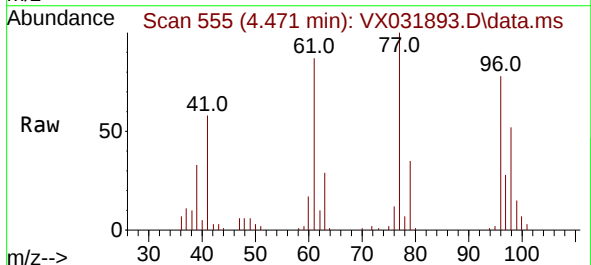
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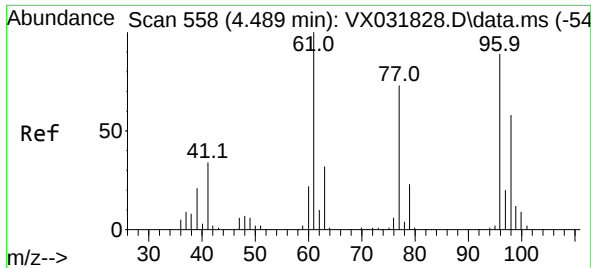
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#26
2,2-Dichloropropane
Concen: 19.207 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX031893.D
Acq: 05 Oct 2022 14:33

Tgt Ion: 77 Resp: 34990
Ion Ratio Lower Upper
77 100
97 27.0 10.9 32.6





#27

cis-1,2-Dichloroethene

Concen: 19.330 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX031893.D

Acq: 05 Oct 2022 14:33

Instrument :

MSVOA_X

ClientSampleId :

VX1005MBS01

Tgt Ion: 96 Resp: 3675

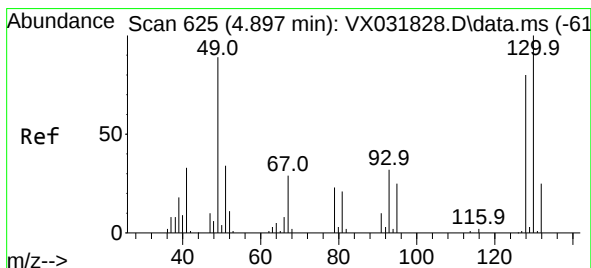
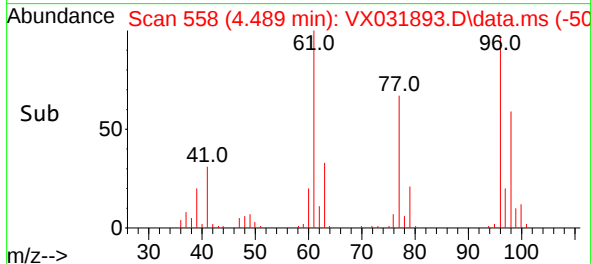
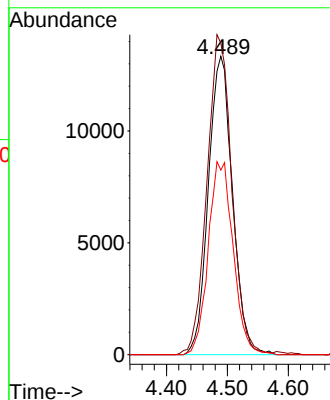
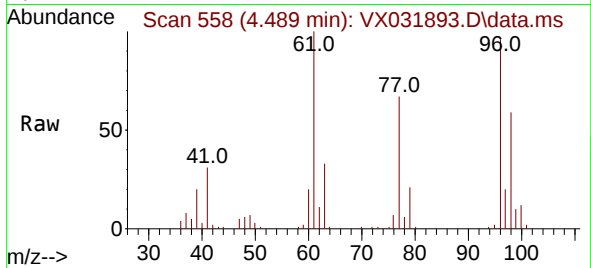
Ion	Ratio	Lower	Upper
96	100		
61	110.0	0.0	305.2
98	66.8	0.0	128.4

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Reviewed By :John Carlone 10/06/2022

Supervised By :Mahesh Dadoda 10/06/2022



#28

Bromochloromethane

Concen: 20.106 ug/l

RT: 4.898 min Scan# 625

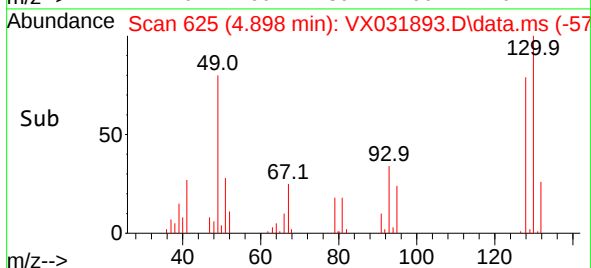
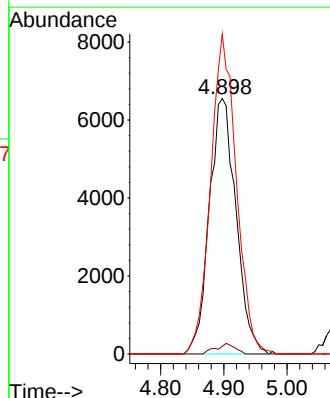
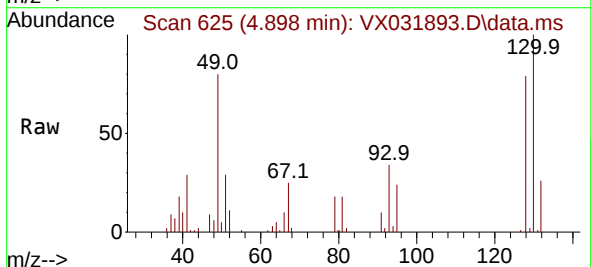
Delta R.T. 0.001 min

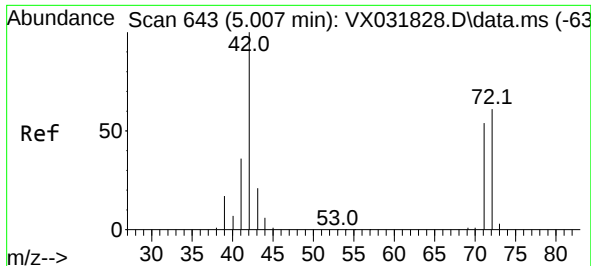
Lab File: VX031893.D

Acq: 05 Oct 2022 14:33

Tgt Ion: 49 Resp: 19213

Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	3.6
130	120.8	59.0	88.4





#29

Tetrahydrofuran

Concen: 107.203 ug/l

RT: 5.013 min Scan# 643

Delta R.T. 0.000 min

Lab File: VX031893.D

Acq: 05 Oct 2022 14:33

Instrument :

MSVOA_X

ClientSampleId :

VX1005MBS01

Tgt Ion: 42 Resp: 5349

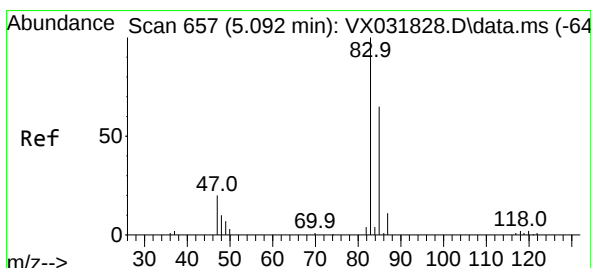
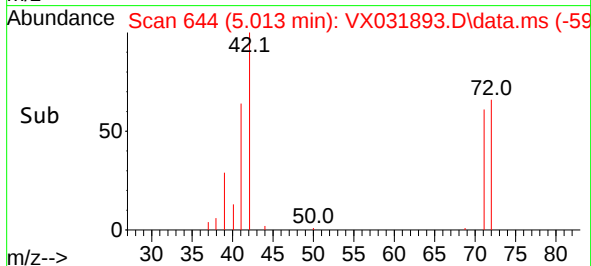
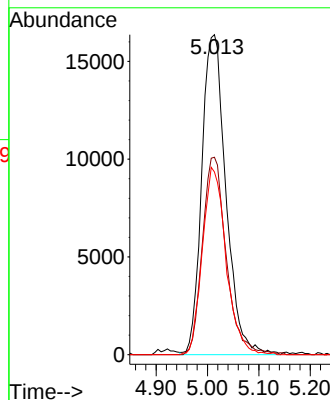
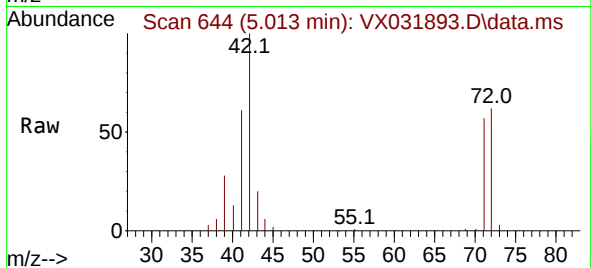
Ion	Ratio	Lower	Upper
42	100		
72	61.1	36.4	54.6
71	57.4	33.5	50.3

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Reviewed By :John Carlone 10/06/2022

Supervised By :Mahesh Dadoda 10/06/2022



#30

Chloroform

Concen: 19.953 ug/l

RT: 5.093 min Scan# 657

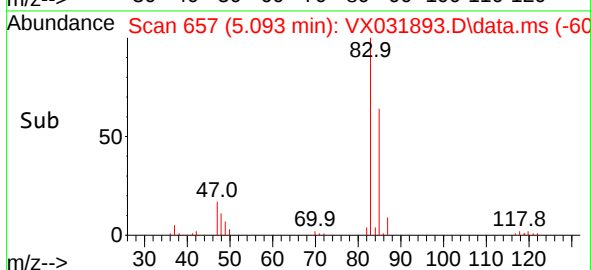
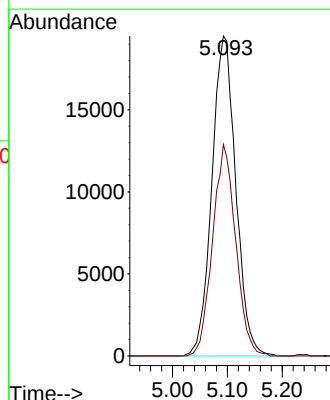
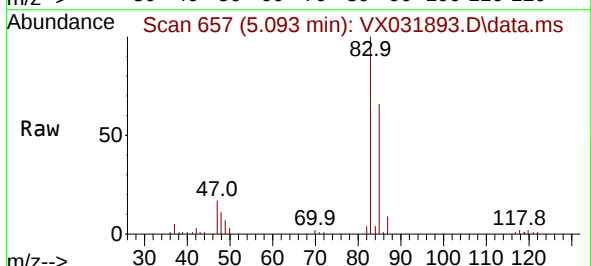
Delta R.T. 0.001 min

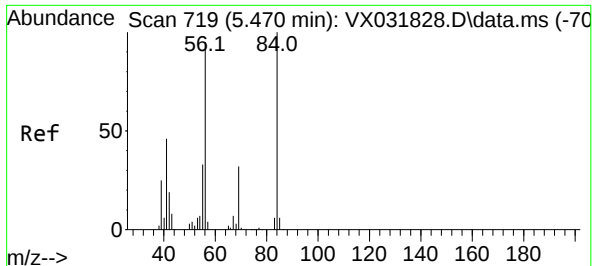
Lab File: VX031893.D

Acq: 05 Oct 2022 14:33

Tgt Ion: 83 Resp: 59079

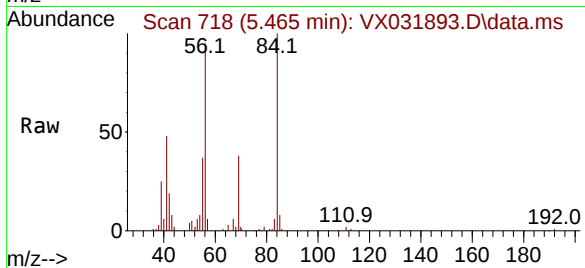
Ion	Ratio	Lower	Upper
83	100		
85	66.0	52.8	79.2





#31
Cyclohexane
Concen: 19.123 ug/l
RT: 5.465 min Scan# 719
Delta R.T. -0.005 min
Lab File: VX031893.D
Acq: 05 Oct 2022 14:33

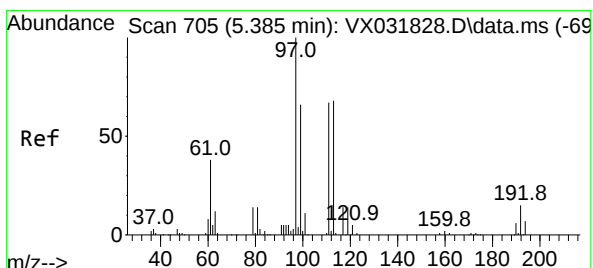
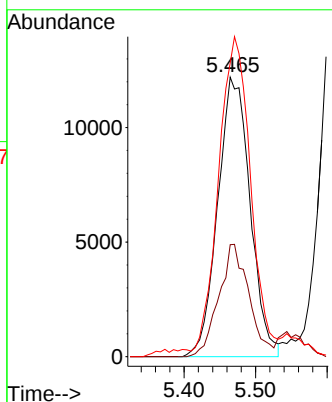
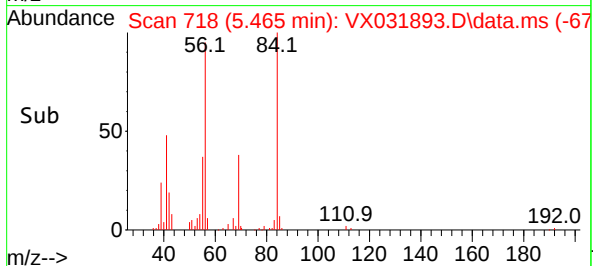
Instrument :
MSVOA_X
ClientSampleId :
VX1005MBSD01



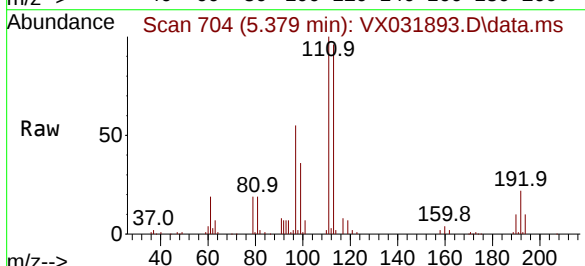
Tgt Ion: 56 Resp: 38389
Ion Ratio Lower Upper
56 100
69 40.1 25.1 37.7
84 103.0 70.2 105.4

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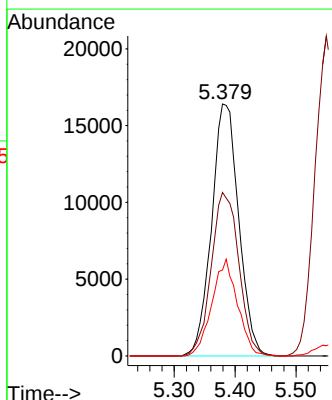
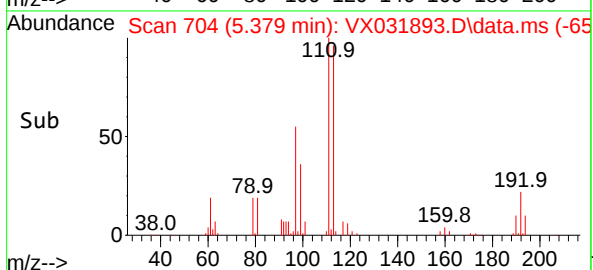
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022

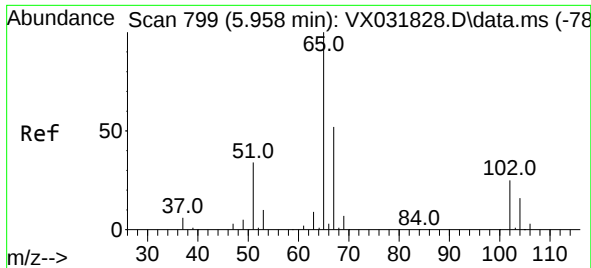


#32
1,1,1-Trichloroethane
Concen: 19.483 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX031893.D
Acq: 05 Oct 2022 14:33



Tgt Ion: 97 Resp: 50755
Ion Ratio Lower Upper
97 100
99 66.0 51.3 76.9
61 36.3 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 50.596 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.006 min

Lab File: VX031893.D

Acq: 05 Oct 2022 14:33

Instrument :

MSVOA_X

ClientSampleId :

VX1005MBSD01

Tgt Ion: 65 Resp: 87923

Ion Ratio Lower Upper

65 100

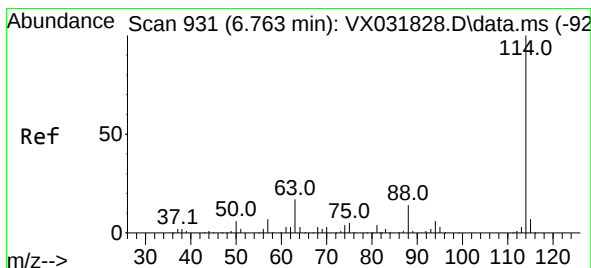
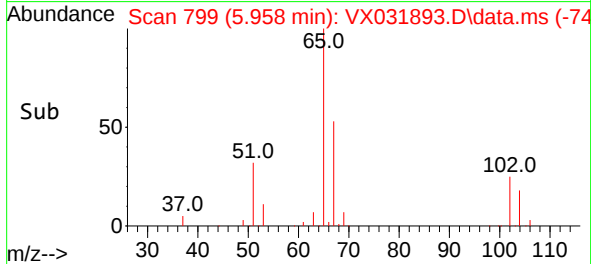
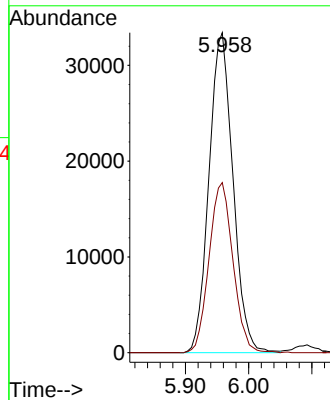
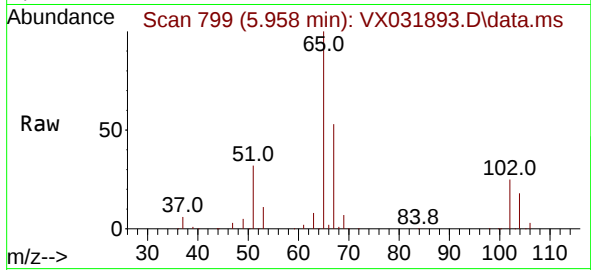
67 53.0 0.0 102.4

Manual Integrations

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Reviewed By :John Carlone 10/06/2022

Supervised By :Mahesh Dadoda 10/06/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX031893.D

Acq: 05 Oct 2022 14:33

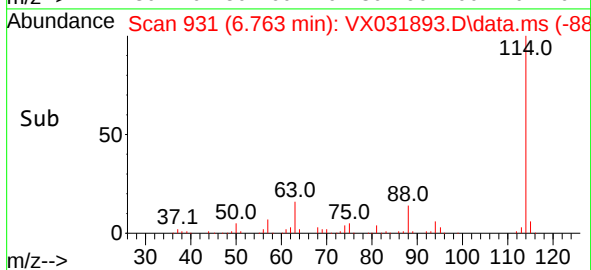
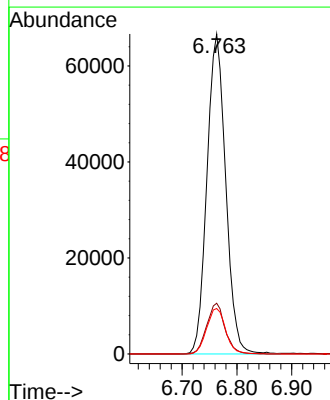
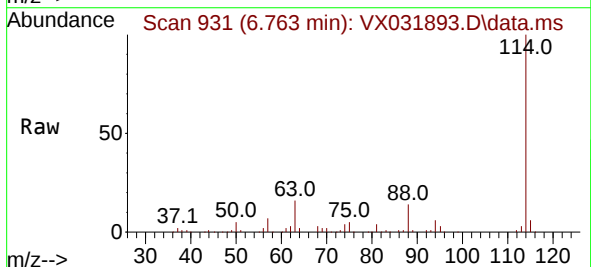
Tgt Ion:114 Resp: 157813

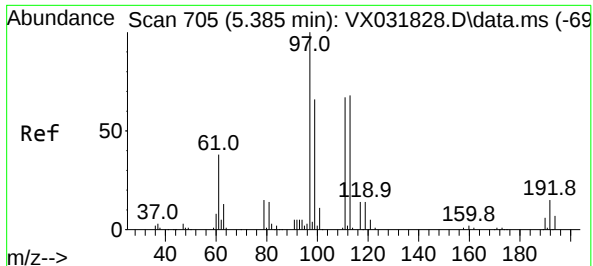
Ion Ratio Lower Upper

114 100

63 15.9 0.0 42.6

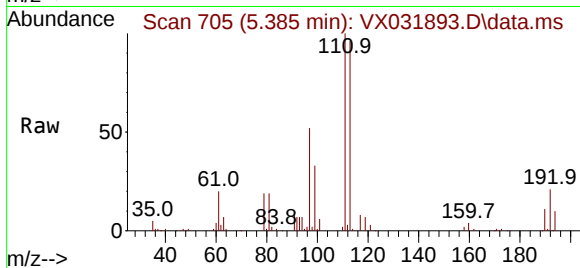
88 14.2 0.0 33.0





#35
Dibromofluoromethane
Concen: 52.215 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031893.D
Acq: 05 Oct 2022 14:33

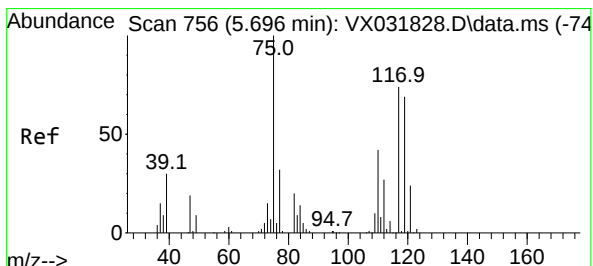
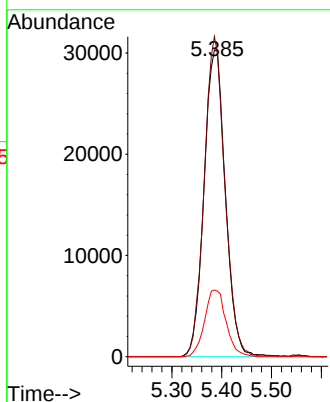
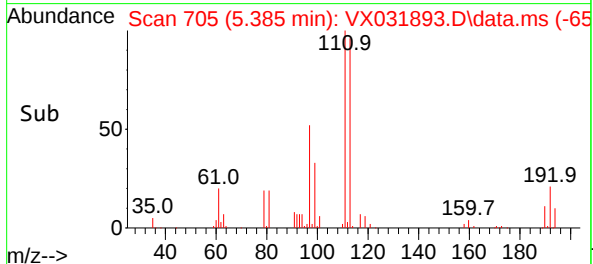
Instrument :
MSVOA_X
ClientSampleId :
VX1005MBSD01



Tgt Ion: 113 Resp: 90150
Ion Ratio Lower Upper
113 100
111 100.9 82.4 123.6
192 21.9 14.1 21.1

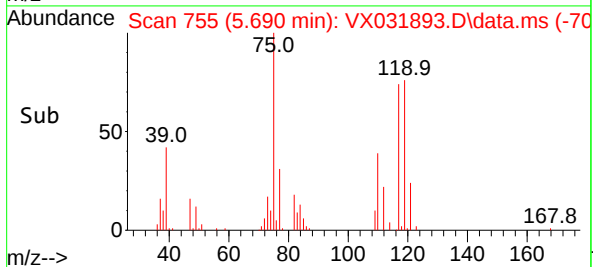
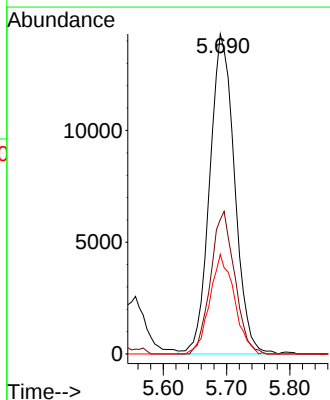
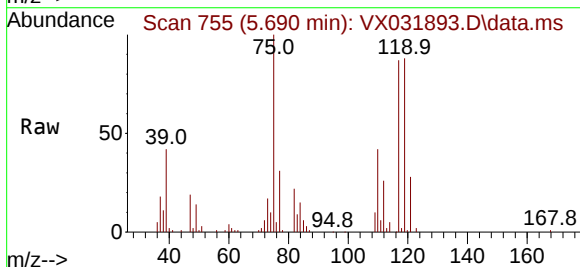
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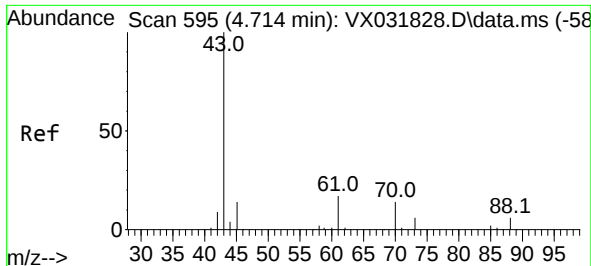
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#36
1,1-Dichloropropene
Concen: 19.441 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX031893.D
Acq: 05 Oct 2022 14:33

Tgt Ion: 75 Resp: 38963
Ion Ratio Lower Upper
75 100
110 43.1 17.5 52.5
77 30.9 24.9 37.3





#37

Ethyl Acetate

Concen: 21.000 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.001 min

Lab File: VX031893.D

Acq: 05 Oct 2022 14:33

Instrument :

MSVOA_X

ClientSampleId :

VX1005MBS01

Tgt Ion: 43 Resp: 3251

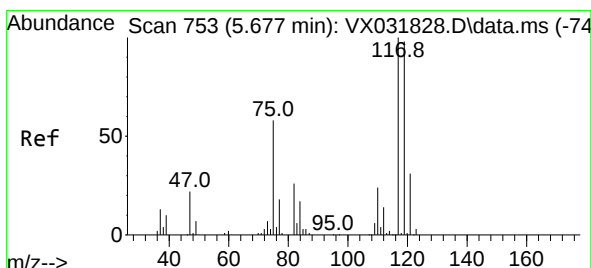
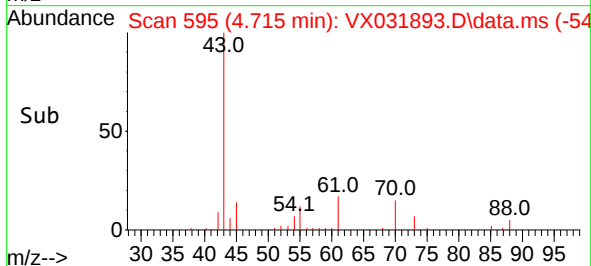
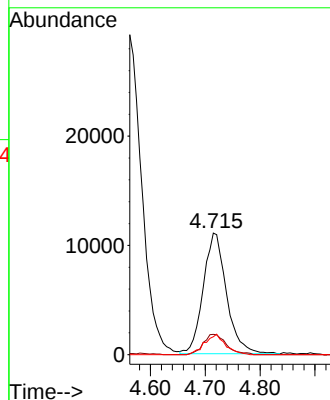
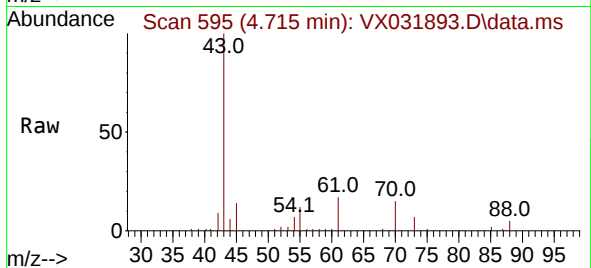
Ion	Ratio	Lower	Upper
43	100		
61	16.7	11.1	16.7
70	15.1	8.6	13.0

Manual Integrations

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Reviewed By :John Carlone 10/06/2022

Supervised By :Mahesh Dadoda 10/06/2022



#38

Carbon Tetrachloride

Concen: 19.585 ug/l

RT: 5.678 min Scan# 753

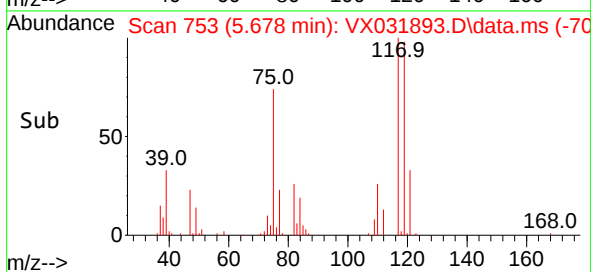
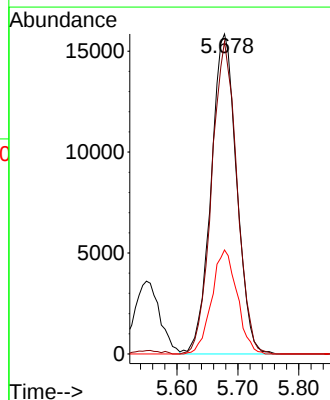
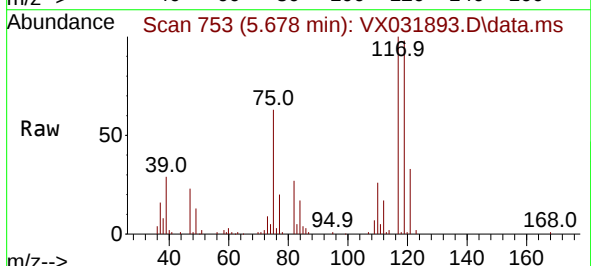
Delta R.T. -0.000 min

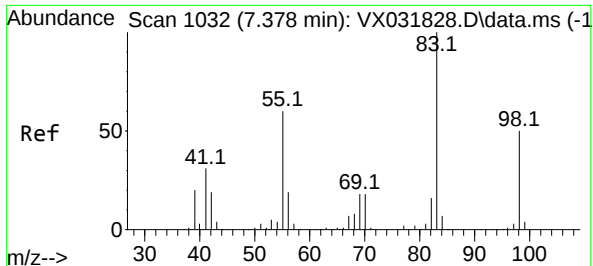
Lab File: VX031893.D

Acq: 05 Oct 2022 14:33

Tgt Ion:117 Resp: 46216

Ion	Ratio	Lower	Upper
117	100		
119	97.6	74.6	112.0
121	32.5	25.3	37.9





#39

Methylcyclohexane

Concen: 20.185 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX031893.D

Acq: 05 Oct 2022 14:33

Instrument :

MSVOA_X

ClientSampleId :

VX1005MBSD01

Tgt Ion: 83 Resp: 51834

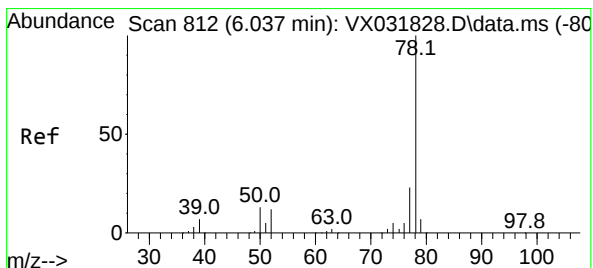
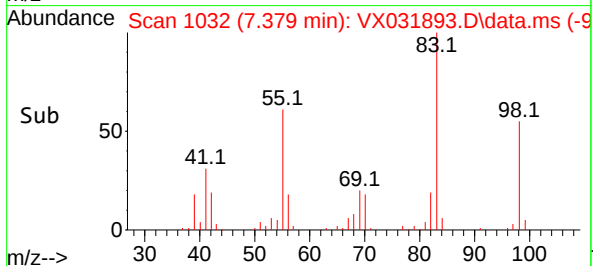
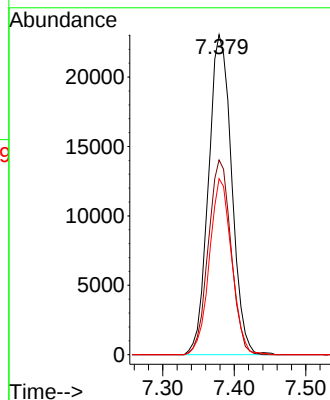
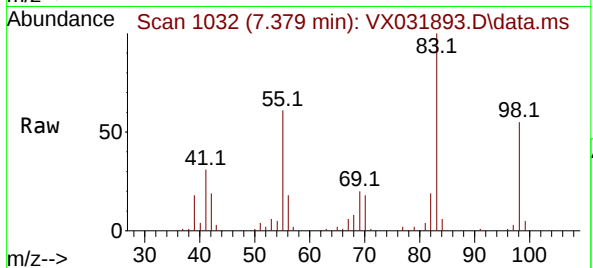
Ion	Ratio	Lower	Upper
83	100		
55	60.8	61.0	91.4
98	55.0	37.7	56.5

Manual Integrations

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Reviewed By :John Carlone 10/06/2022

Supervised By :Mahesh Dadoda 10/06/2022



#40

Benzene

Concen: 19.662 ug/l

RT: 6.038 min Scan# 812

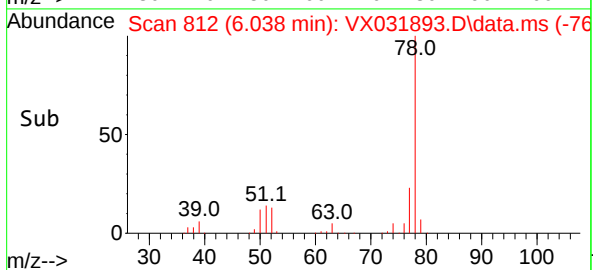
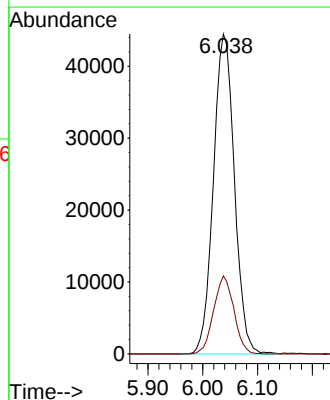
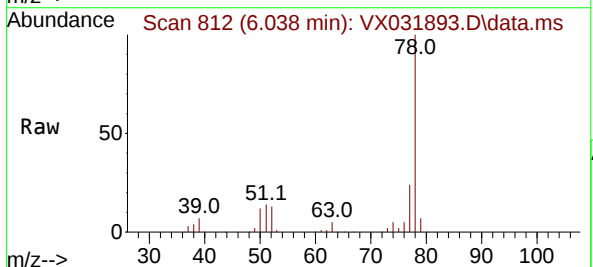
Delta R.T. 0.001 min

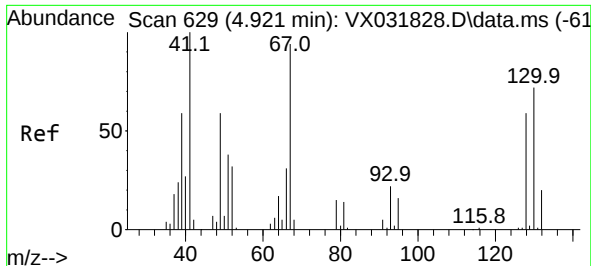
Lab File: VX031893.D

Acq: 05 Oct 2022 14:33

Tgt Ion: 78 Resp: 118495

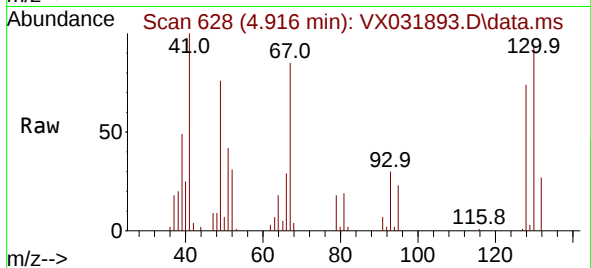
Ion	Ratio	Lower	Upper
78	100		
77	24.4	18.7	28.1





#41
Methacrylonitrile
Concen: 21.377 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX031893.D
Acq: 05 Oct 2022 14:33

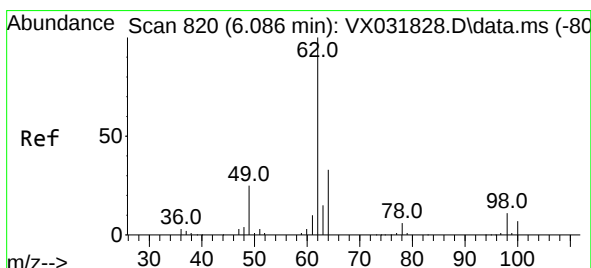
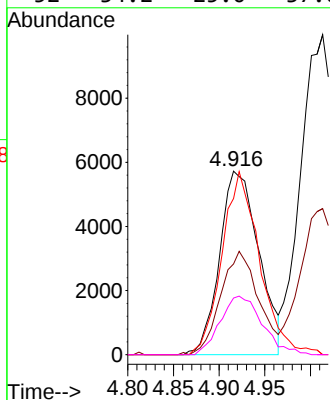
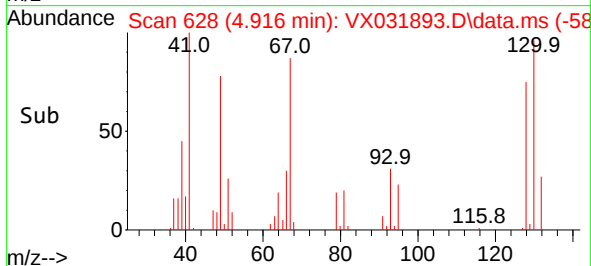
Instrument :
MSVOA_X
ClientSampleId :
VX1005MBS01



Tgt Ion: 41 Resp: 1711
Ion Ratio Lower Upper
41 100
39 54.5 45.0 67.6
67 96.1 58.2 87.4
52 34.2 25.0 37.6

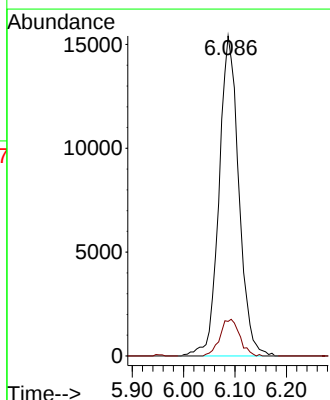
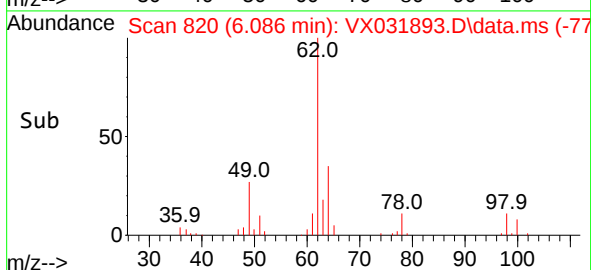
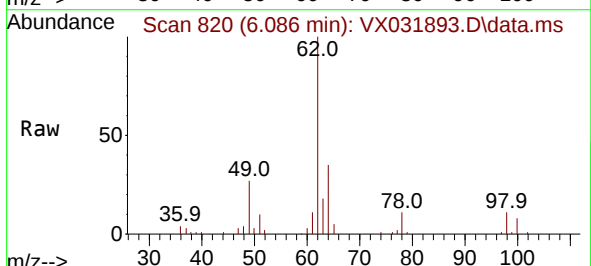
Manual Integrations
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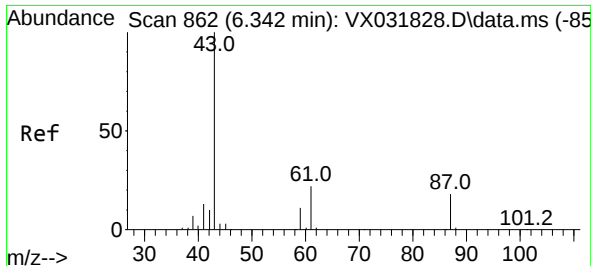
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#42
1,2-Dichloroethane
Concen: 20.572 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX031893.D
Acq: 05 Oct 2022 14:33

Tgt Ion: 62 Resp: 41185
Ion Ratio Lower Upper
62 100
98 11.4 0.0 17.8





#43

Isopropyl Acetate

Concen: 21.665 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX031893.D

Acq: 05 Oct 2022 14:33

Instrument :

MSVOA_X

ClientSampleId :

VX1005MBSD01

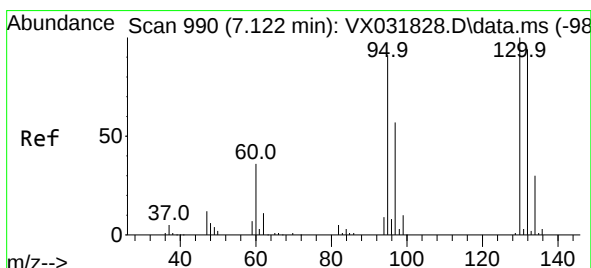
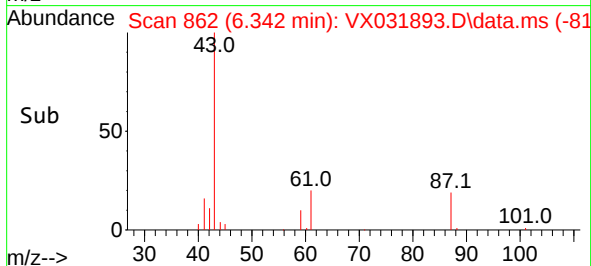
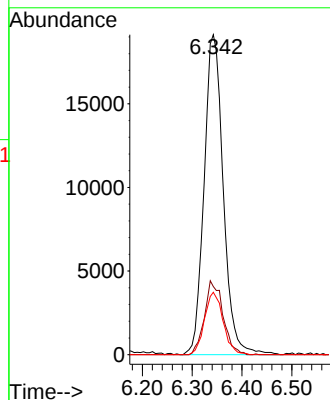
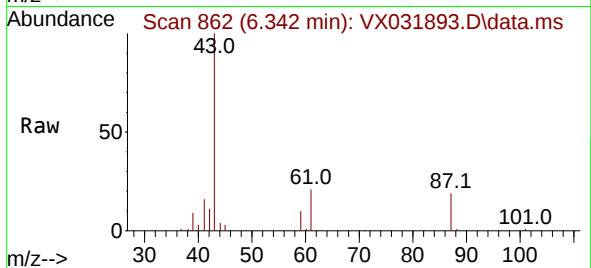
Tgt Ion: 43	Resp: 51190
Ion Ratio	Lower Upper
43 100	
61 22.3	15.3 22.9
87 18.9	10.6 15.8

Manual Integrations

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Reviewed By :John Carlone 10/06/2022

Supervised By :Mahesh Dadoda 10/06/2022



#44

Trichloroethene

Concen: 19.455 ug/l

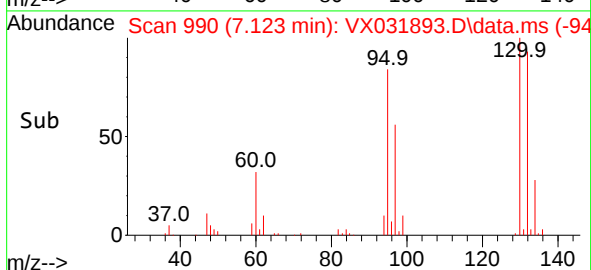
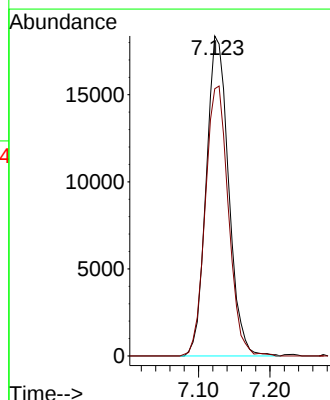
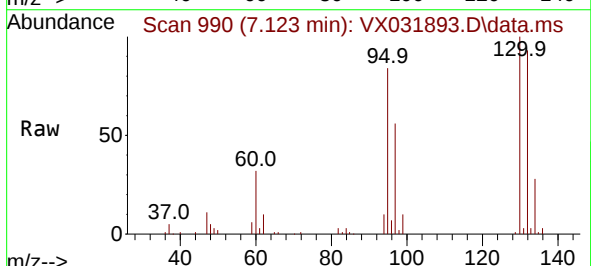
RT: 7.123 min Scan# 990

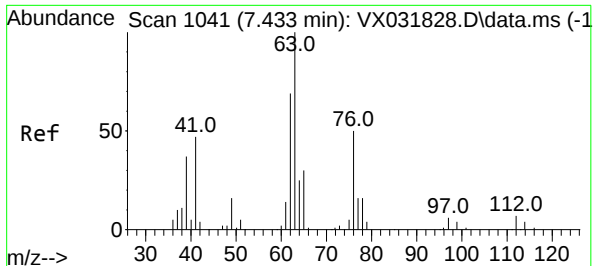
Delta R.T. -0.006 min

Lab File: VX031893.D

Acq: 05 Oct 2022 14:33

Tgt Ion:130	Resp: 39903
Ion Ratio	Lower Upper
130 100	
95 83.5	0.0 206.8





#45

1,2-Dichloropropane

Concen: 20.567 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.007 min

Lab File: VX031893.D

Acq: 05 Oct 2022 14:33

Instrument :

MSVOA_X

ClientSampleId :

VX1005MBS01

Tgt Ion: 63 Resp: 2762

Ion Ratio Lower Upper

63 100

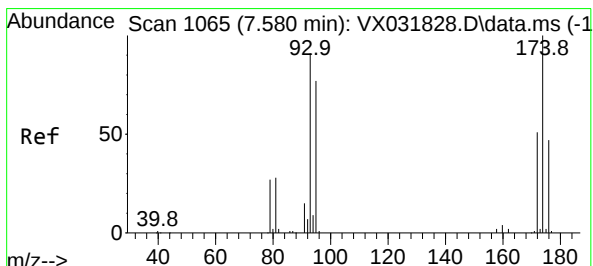
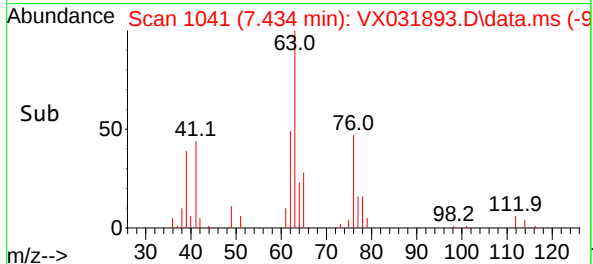
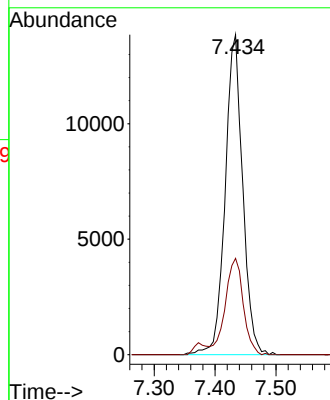
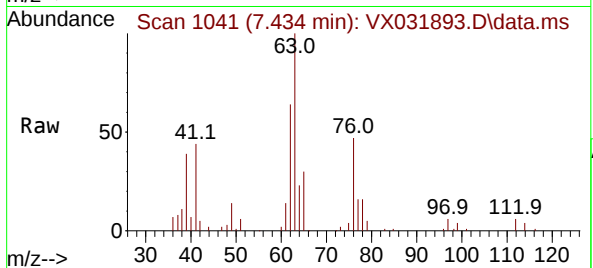
65 30.1 26.6 39.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2022

Supervised By :Mahesh Dadoda 10/06/2022



#46

Dibromomethane

Concen: 20.616 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX031893.D

Acq: 05 Oct 2022 14:33

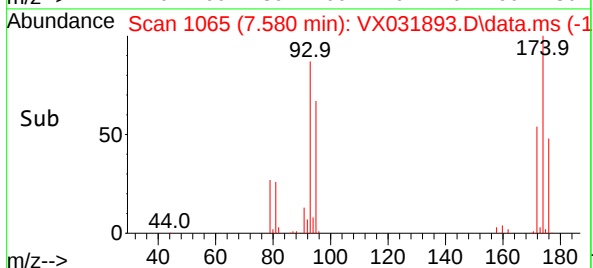
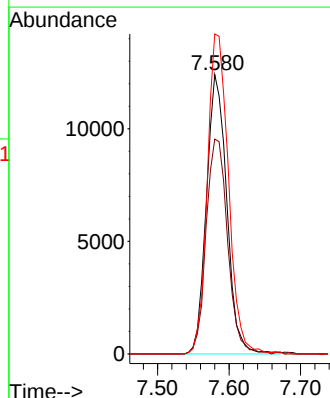
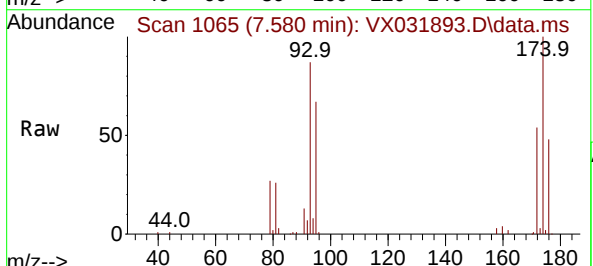
Tgt Ion: 93 Resp: 24473

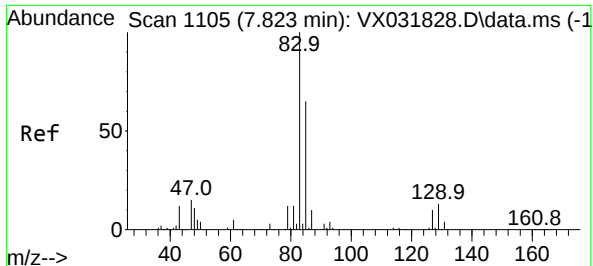
Ion Ratio Lower Upper

93 100

95 81.3 65.5 98.3

174 119.3 67.6 101.4#





#47

Bromodichloromethane

Concen: 20.620 ug/l

RT: 7.824 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VX031893.D

Acq: 05 Oct 2022 14:33

Instrument :

MSVOA_X

ClientSampleId :

VX1005MBSD01

Tgt Ion: 83 Resp: 41799

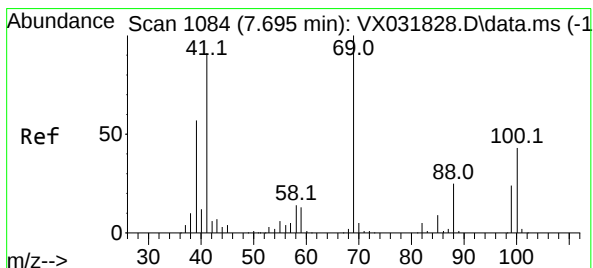
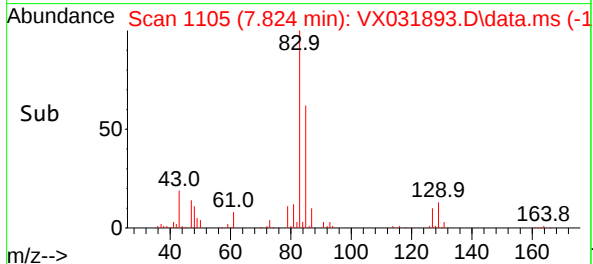
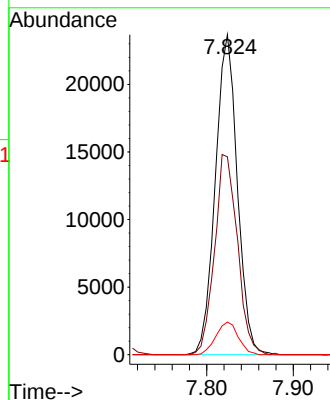
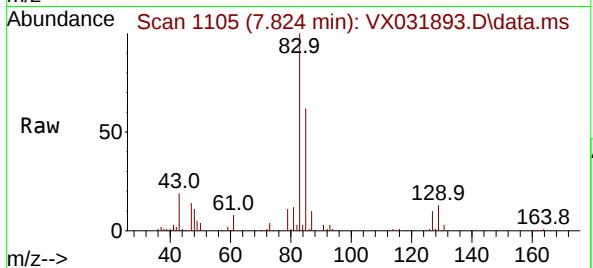
Ion	Ratio	Lower	Upper
83	100		
85	61.8	51.0	76.6
127	10.2	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2022

Supervised By :Mahesh Dadoda 10/06/2022



#48

Methyl methacrylate

Concen: 21.251 ug/l

RT: 7.696 min Scan# 1084

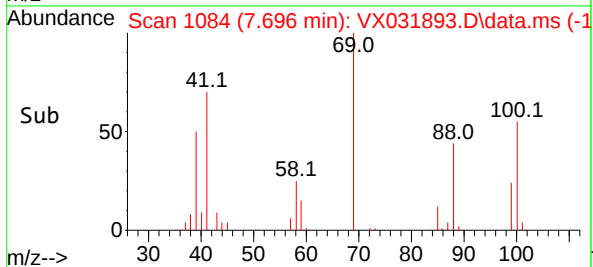
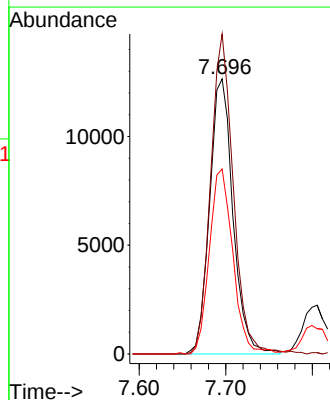
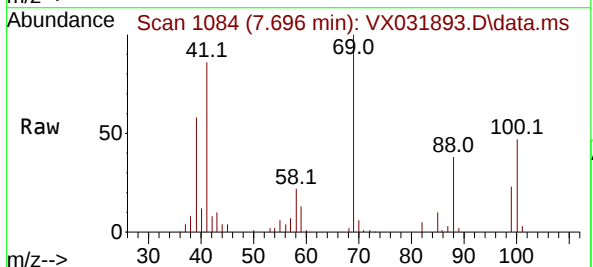
Delta R.T. -0.000 min

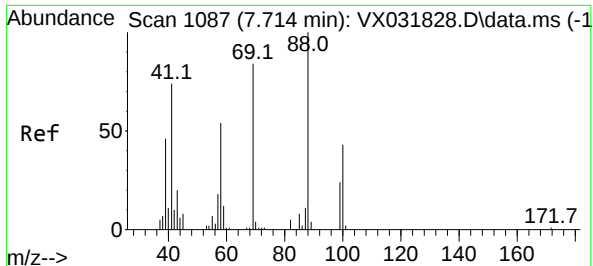
Lab File: VX031893.D

Acq: 05 Oct 2022 14:33

Tgt Ion: 41 Resp: 23710

Ion	Ratio	Lower	Upper
41	100		
69	112.9	64.6	96.8
39	67.7	51.4	77.0





#49

1,4-Dioxane

Concen: 438.860 ug/l

RT: 7.690 min Scan# 1083

Delta R.T. -0.024 min

Lab File: VX031893.D

Acq: 05 Oct 2022 14:33

Instrument :

MSVOA_X

ClientSampleId :

VX1005MBS01

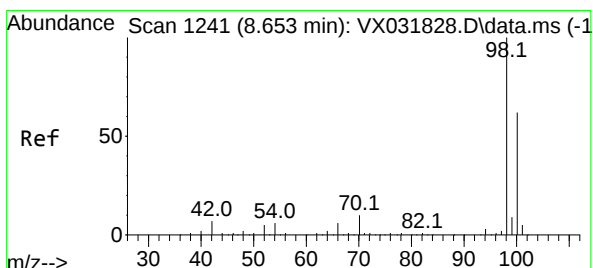
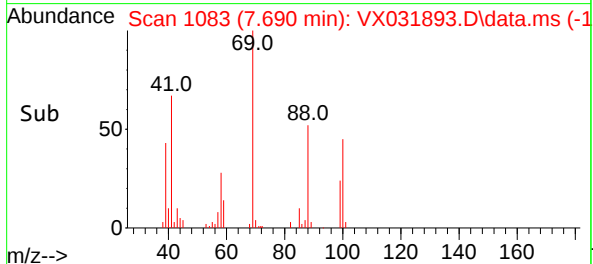
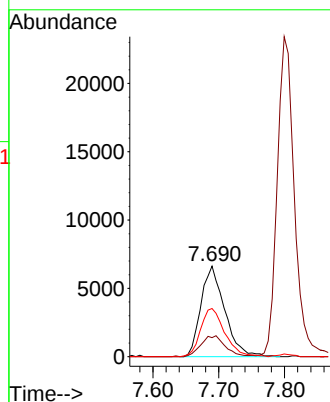
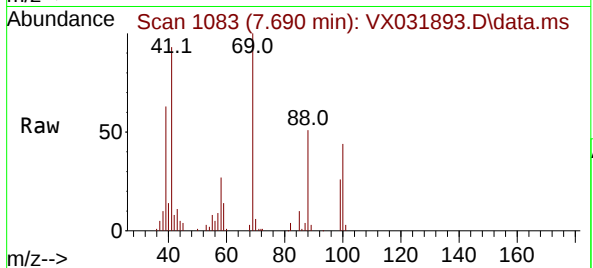
Tgt Ion: 88 Resp: 16664
 Ion Ratio Lower Upper
 88 100
 43 23.5 27.1 40.7
 58 53.9 53.9 80.9

Manual Integrations

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Reviewed By :John Carlone 10/06/2022

Supervised By :Mahesh Dadoda 10/06/2022



#50

Toluene-d8

Concen: 51.440 ug/l

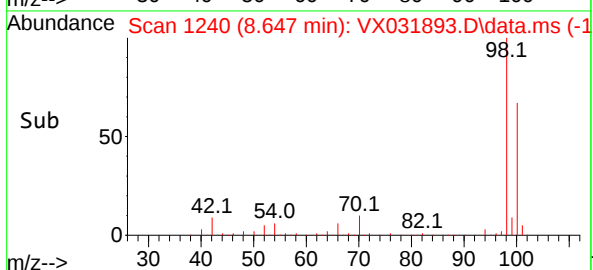
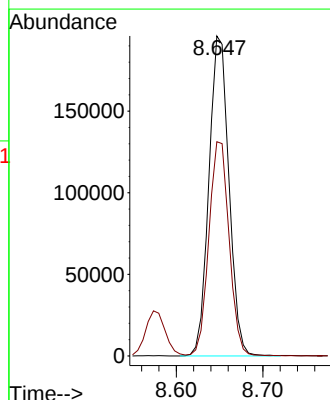
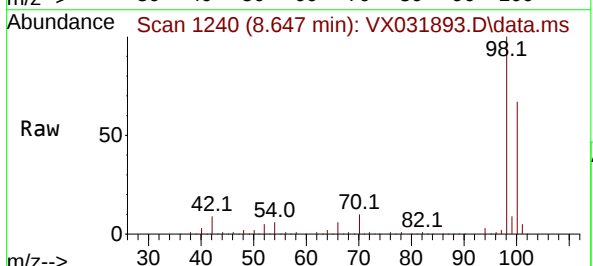
RT: 8.647 min Scan# 1240

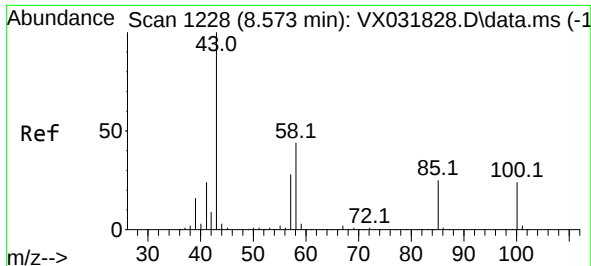
Delta R.T. -0.006 min

Lab File: VX031893.D

Acq: 05 Oct 2022 14:33

Tgt Ion: 98 Resp: 314614
 Ion Ratio Lower Upper
 98 100
 100 67.7 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 107.153 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. -0.006 min

Lab File: VX031893.D

Acq: 05 Oct 2022 14:33

Instrument :

MSVOA_X

ClientSampleId :

VX1005MBS01

Tgt Ion: 43 Resp: 170329

Ion Ratio Lower Upper

43 100

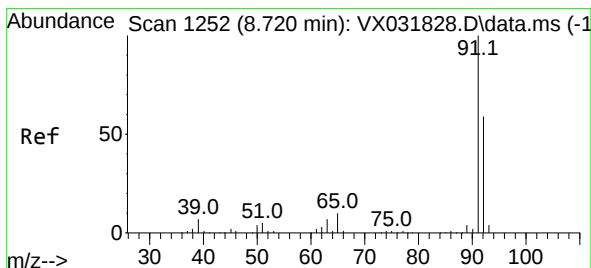
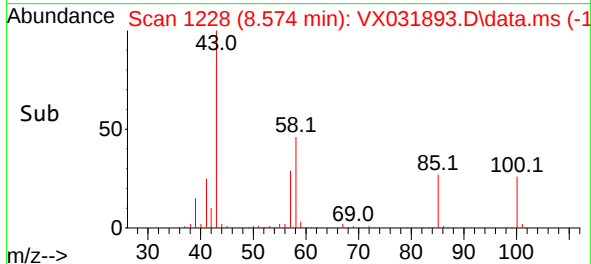
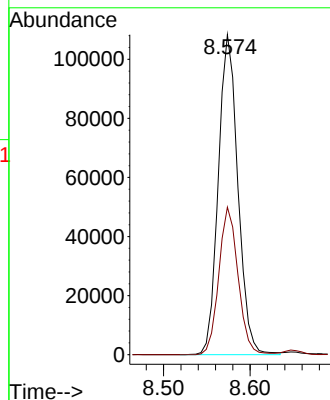
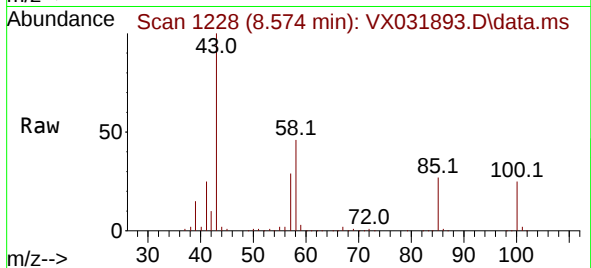
58 45.2 30.6 46.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2022

Supervised By :Mahesh Dadoda 10/06/2022



#52

Toluene

Concen: 19.590 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX031893.D

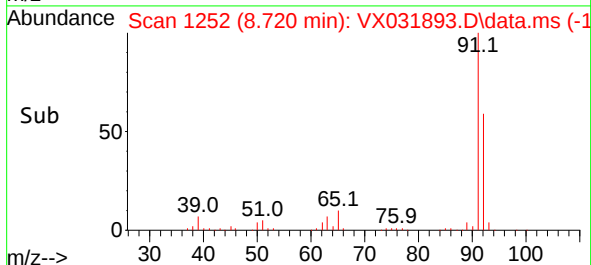
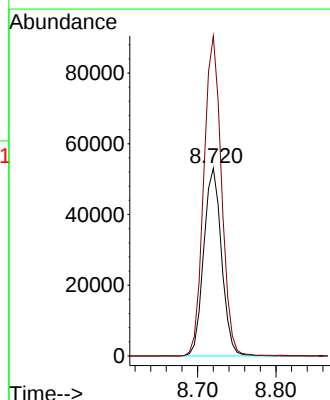
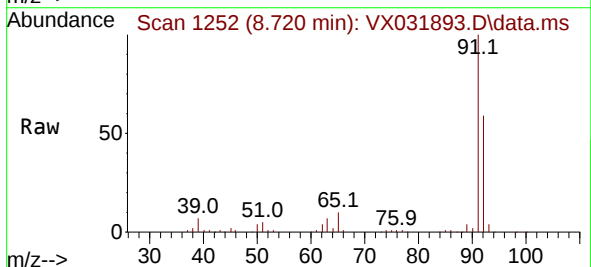
Acq: 05 Oct 2022 14:33

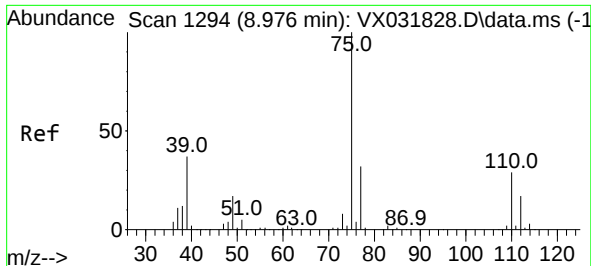
Tgt Ion: 92 Resp: 83590

Ion Ratio Lower Upper

92 100

91 169.9 137.1 205.7





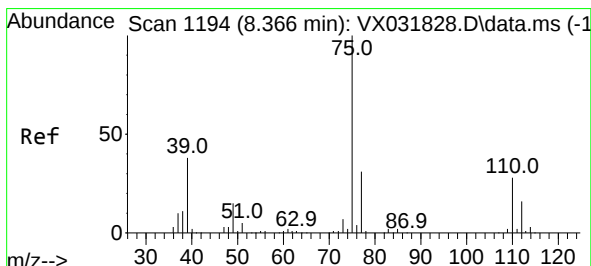
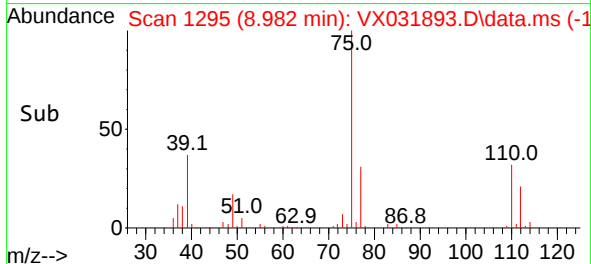
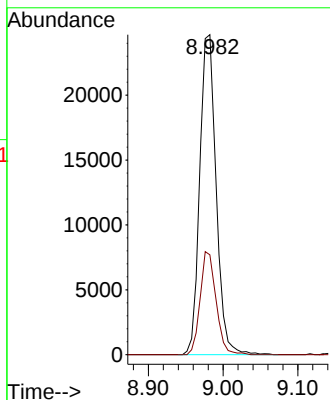
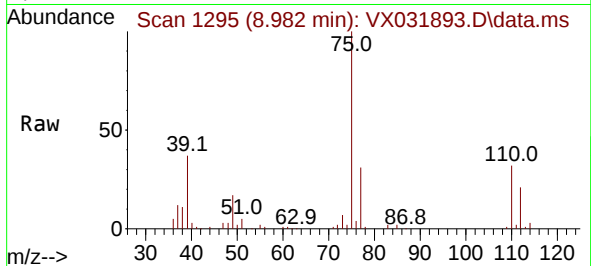
#53
t-1,3-Dichloropropene
Concen: 20.569 ug/l
RT: 8.982 min Scan# 1294
Delta R.T. 0.006 min
Lab File: VX031893.D
Acq: 05 Oct 2022 14:33

Instrument :
MSVOA_X
ClientSampleId :
VX1005MBSD01

Tgt Ion: 75 Resp: 37590
Ion Ratio Lower Upper
75 100
77 31.2 24.8 37.2

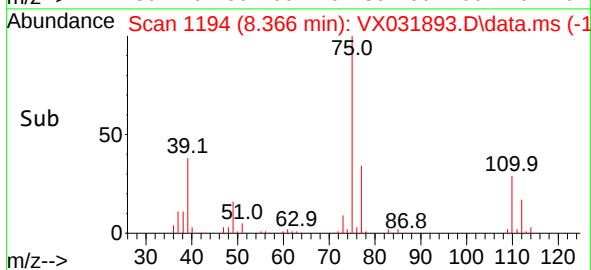
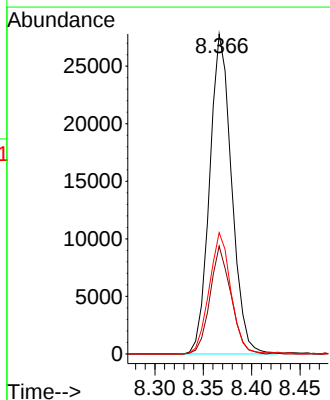
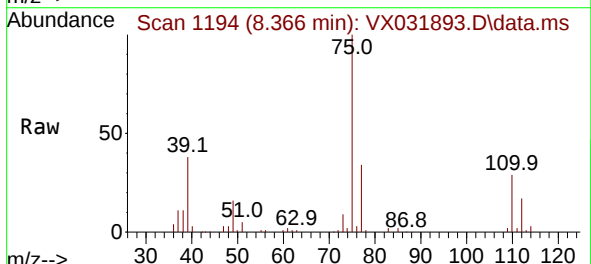
Manual Integrations
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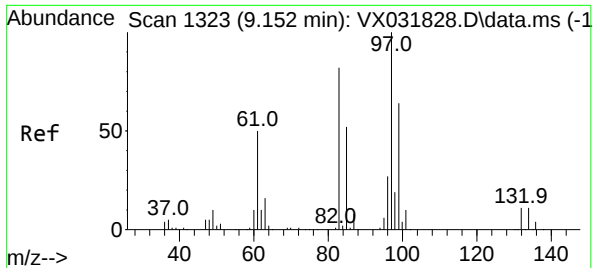
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#54
cis-1,3-Dichloropropene
Concen: 20.946 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX031893.D
Acq: 05 Oct 2022 14:33

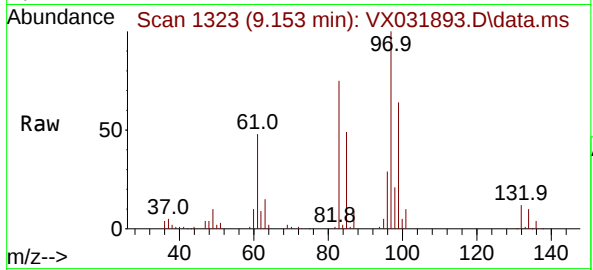
Tgt Ion: 75 Resp: 44012
Ion Ratio Lower Upper
75 100
77 33.7 24.4 36.6
39 37.9 43.7 65.5#





#55
1,1,2-Trichloroethane
Concen: 20.745 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX031893.D
Acq: 05 Oct 2022 14:33

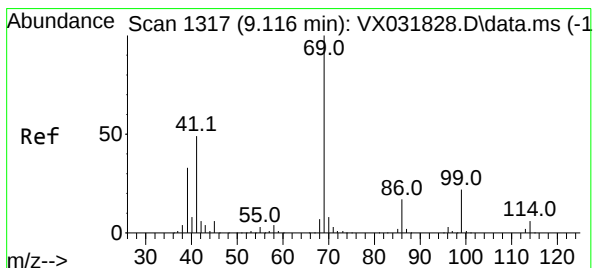
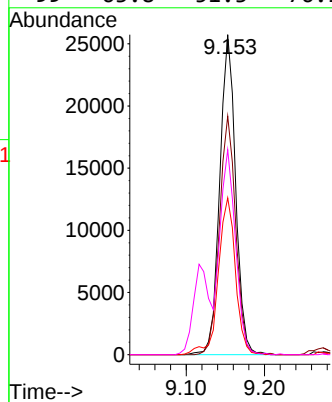
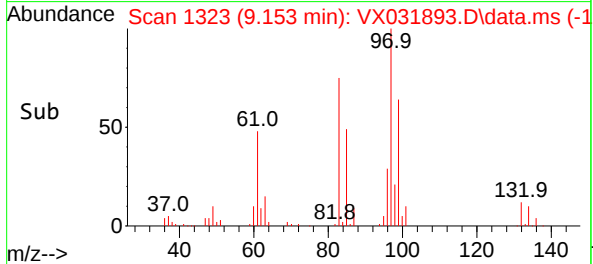
Instrument :
MSVOA_X
ClientSampleId :
VX1005MBS01



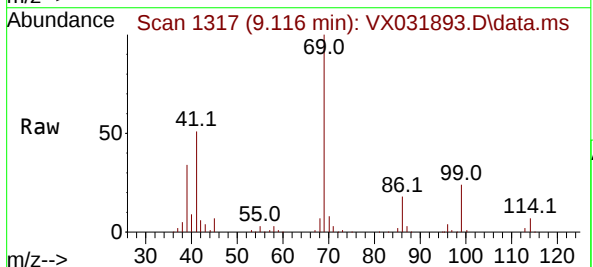
Tgt Ion: 97 Resp: 36409
Ion Ratio Lower Upper
97 100
83 74.5 69.0 103.6
85 49.0 44.1 66.1
99 63.8 51.3 76.9

Manual Integrations
APPROVED

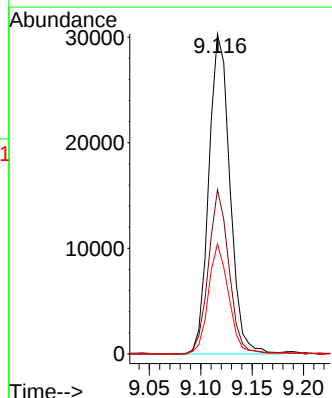
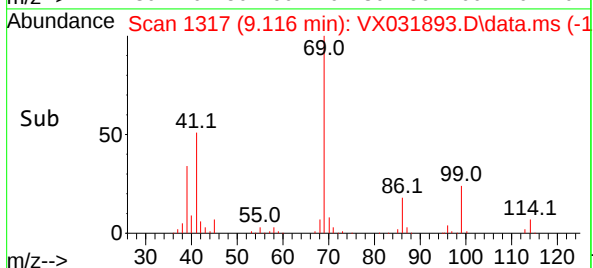
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022

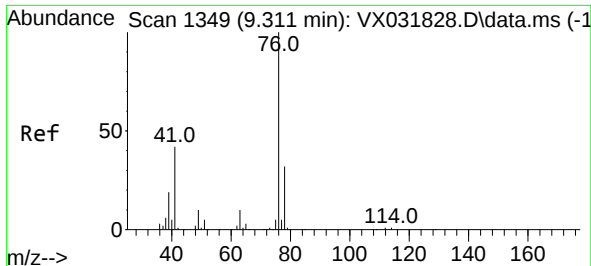


#56
Ethyl methacrylate
Concen: 21.405 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX031893.D
Acq: 05 Oct 2022 14:33



Tgt Ion: 69 Resp: 43259
Ion Ratio Lower Upper
69 100
41 50.2 54.2 81.4#
39 33.4 34.2 51.2#





#57

1,3-Dichloropropane

Concen: 20.365 ug/l

RT: 9.311 min Scan# 1134

Delta R.T. 0.000 min

Lab File: VX031893.D

Acq: 05 Oct 2022 14:33

Instrument :

MSVOA_X

ClientSampleId :

VX1005MBS01

Tgt Ion: 76 Resp: 53124

Ion Ratio Lower Upper

76 100

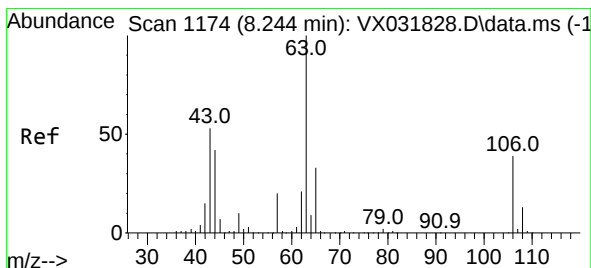
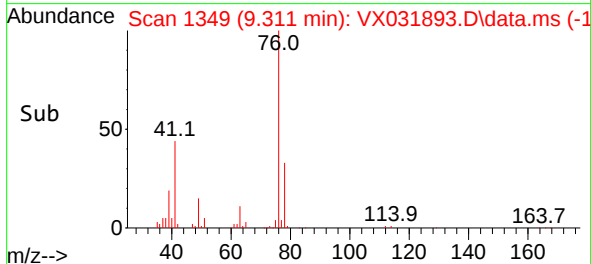
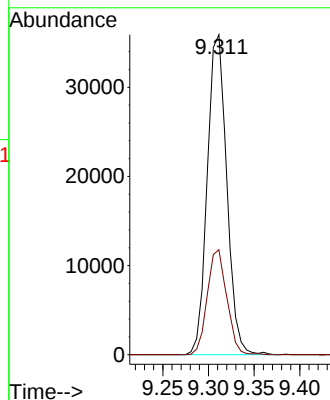
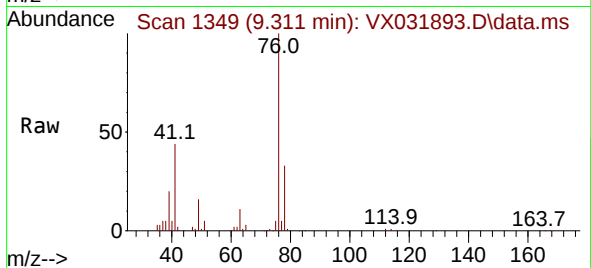
78 32.9 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2022

Supervised By :Mahesh Dadoda 10/06/2022



#58

2-Chloroethyl Vinyl ether

Concen: 105.273 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX031893.D

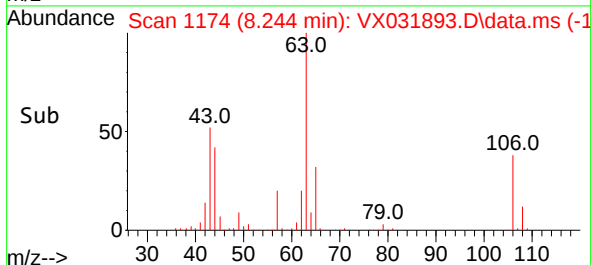
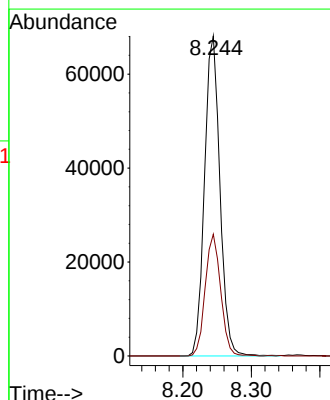
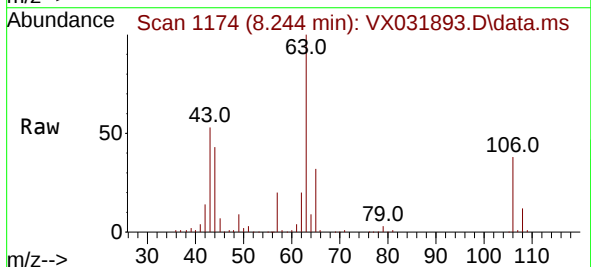
Acq: 05 Oct 2022 14:33

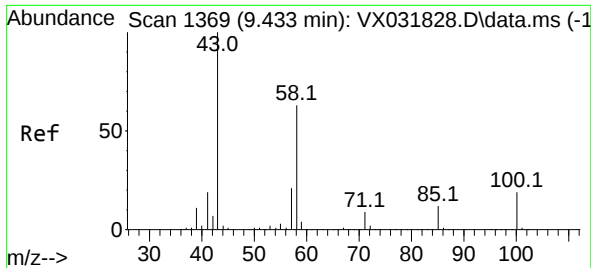
Tgt Ion: 63 Resp: 106668

Ion Ratio Lower Upper

63 100

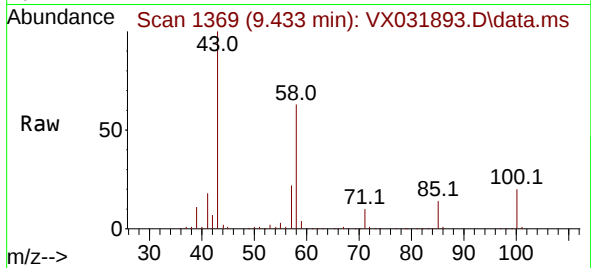
106 38.1 22.6 34.0#





#59
2-Hexanone
Concen: 108.280 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX031893.D
Acq: 05 Oct 2022 14:33

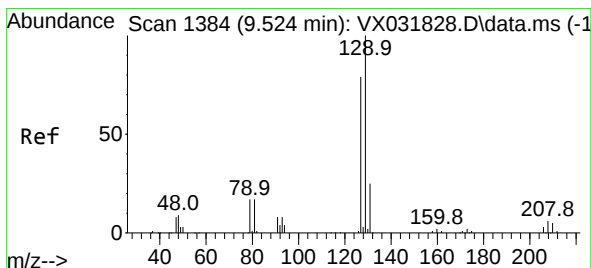
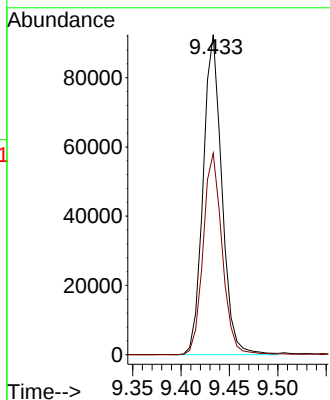
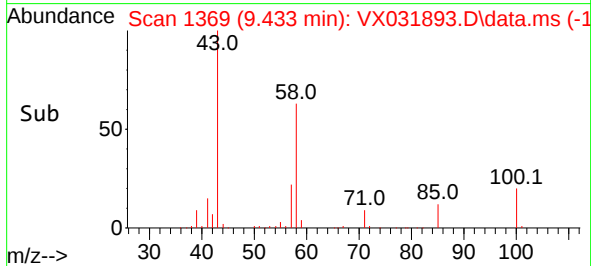
Instrument :
MSVOA_X
ClientSampleId :
VX1005MBS01



Tgt Ion: 43 Resp: 124960
Ion Ratio Lower Upper
43 100
58 63.9 26.7 80.0

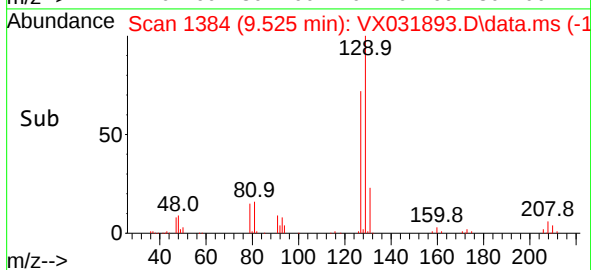
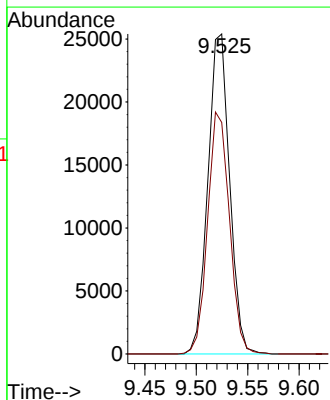
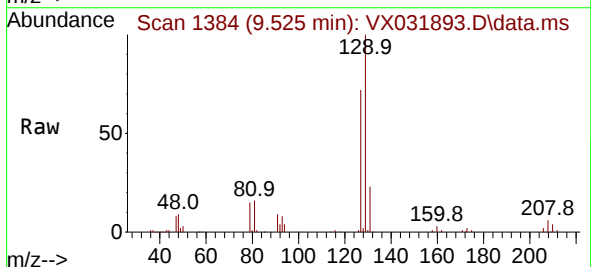
Manual Integrations
APPROVED

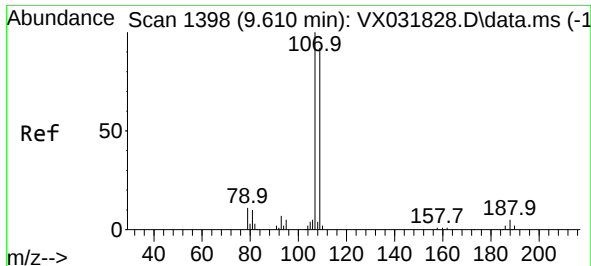
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#60
Dibromochloromethane
Concen: 21.129 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX031893.D
Acq: 05 Oct 2022 14:33

Tgt Ion:129 Resp: 37308
Ion Ratio Lower Upper
129 100
127 75.9 38.7 116.1





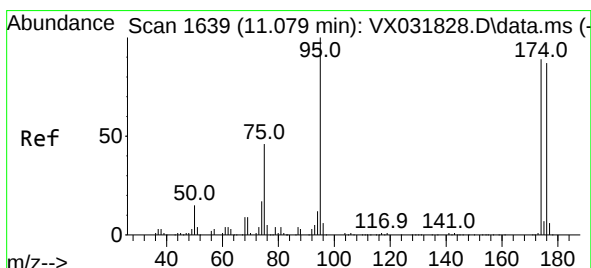
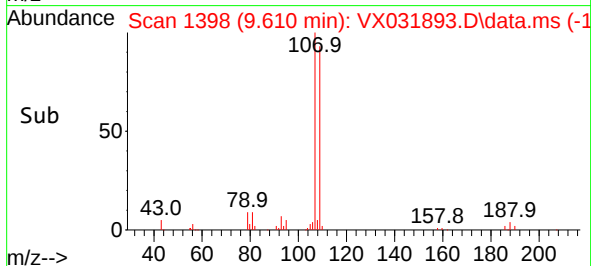
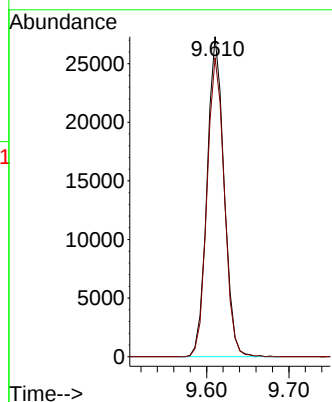
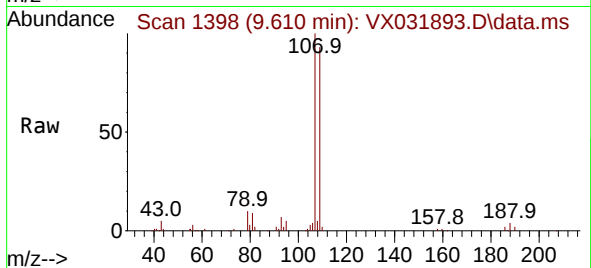
#61
1,2-Dibromoethane
Concen: 21.042 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX031893.D
Acq: 05 Oct 2022 14:33

Instrument :
MSVOA_X
ClientSampleId :
VX1005MBS01

Tgt Ion:107 Resp: 3920
Ion Ratio Lower Upper
107 100
109 94.8 74.2 111.4

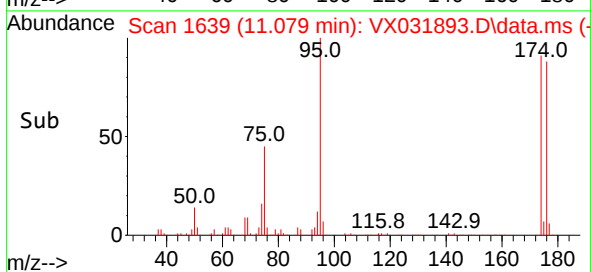
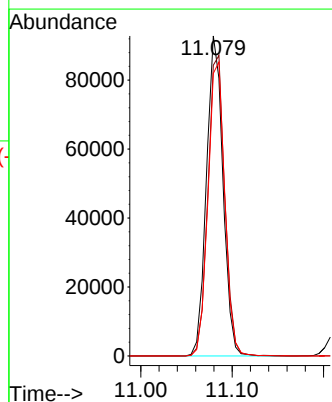
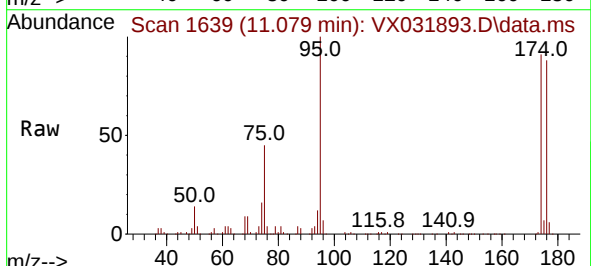
Manual Integrations
APPROVED

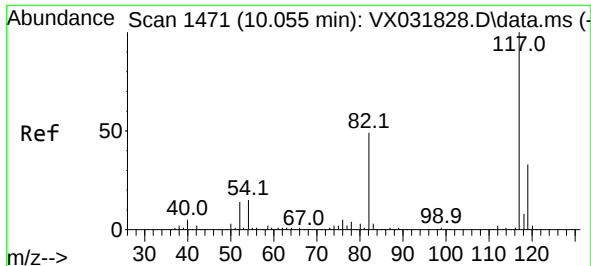
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#62
4-Bromofluorobenzene
Concen: 52.760 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031893.D
Acq: 05 Oct 2022 14:33

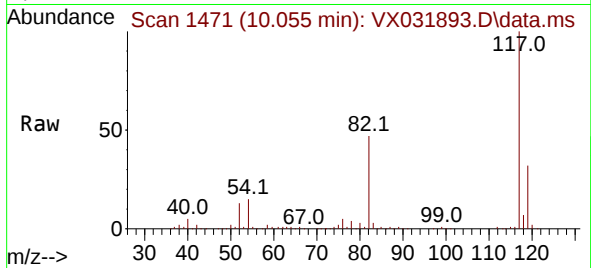
Tgt Ion: 95 Resp: 116071
Ion Ratio Lower Upper
95 100
174 95.8 0.0 153.2
176 93.6 0.0 144.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031893.D
Acq: 05 Oct 2022 14:33

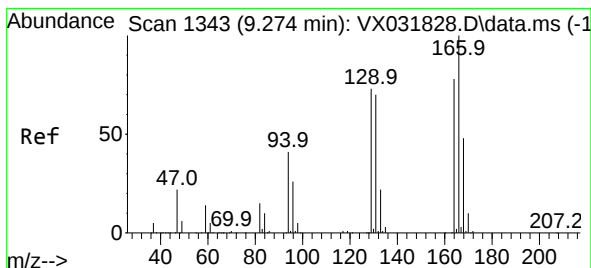
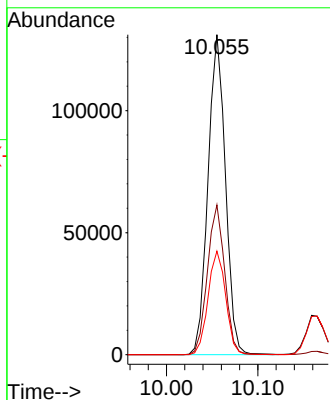
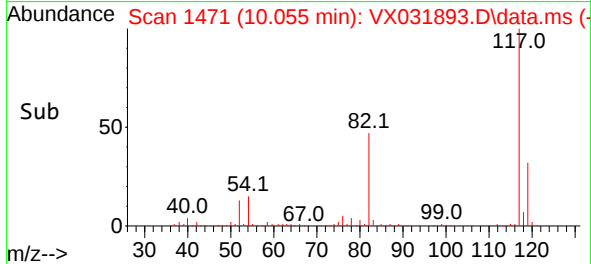
Instrument :
MSVOA_X
ClientSampleId :
VX1005MBSD01



Tgt Ion:117 Resp: 17303
Ion Ratio Lower Upper
117 100
82 46.8 46.8 70.2
119 32.4 26.4 39.6

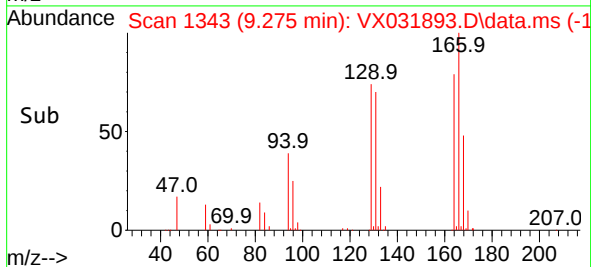
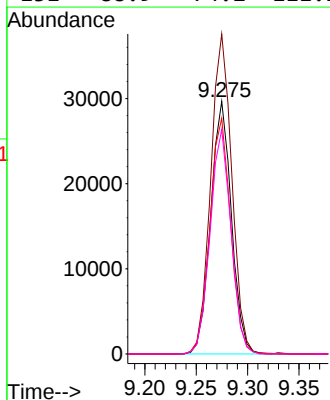
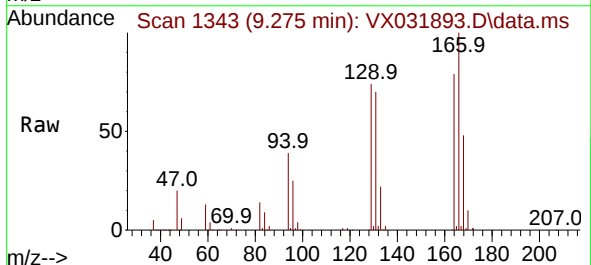
Manual Integrations
APPROVED

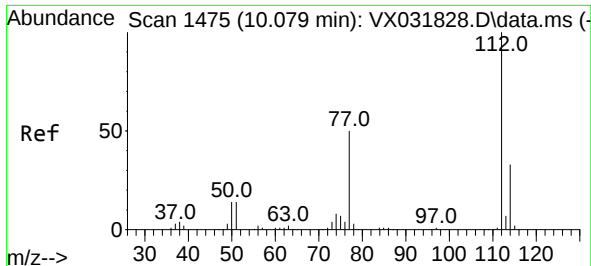
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#64
Tetrachloroethene
Concen: 19.608 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX031893.D
Acq: 05 Oct 2022 14:33

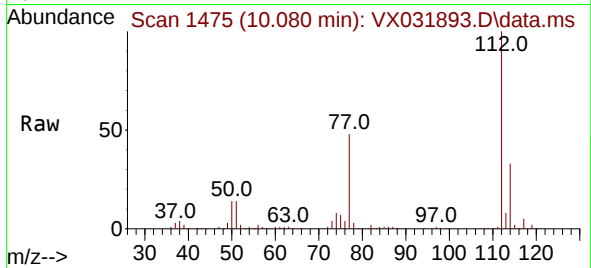
Tgt Ion:164 Resp: 41731
Ion Ratio Lower Upper
164 100
166 126.7 99.0 148.4
129 93.3 78.0 117.0
131 88.9 74.2 111.2





#65
Chlorobenzene
Concen: 19.860 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.001 min
Lab File: VX031893.D
Acq: 05 Oct 2022 14:33

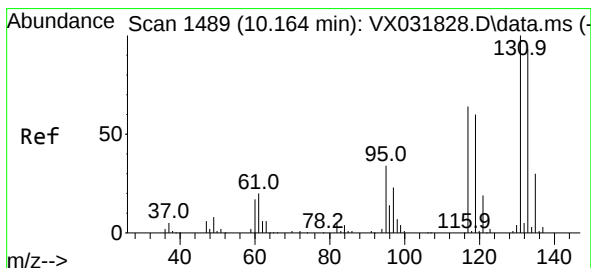
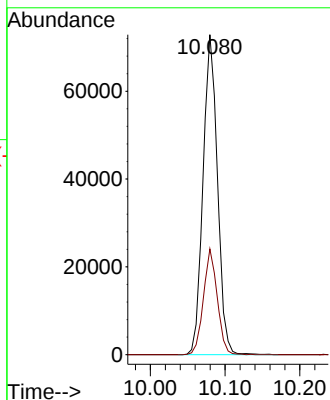
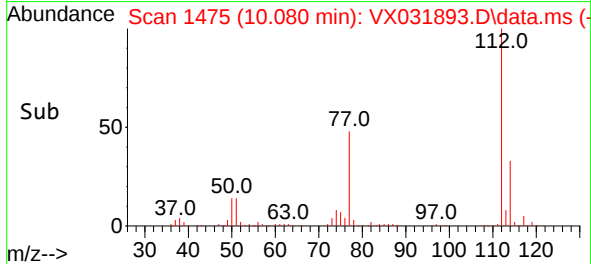
Instrument :
MSVOA_X
ClientSampleId :
VX1005MBSD01



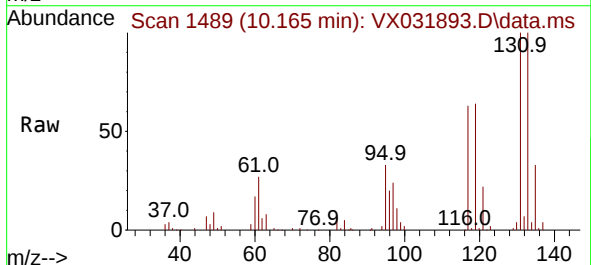
Tgt Ion:112 Resp: 97558
Ion Ratio Lower Upper
112 100
114 33.0 25.7 38.5

Manual Integrations
APPROVED

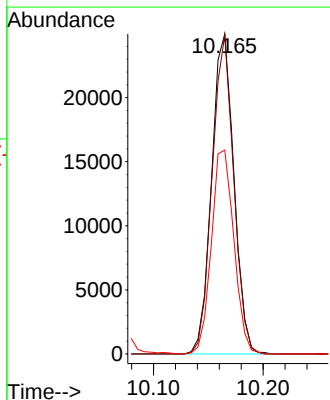
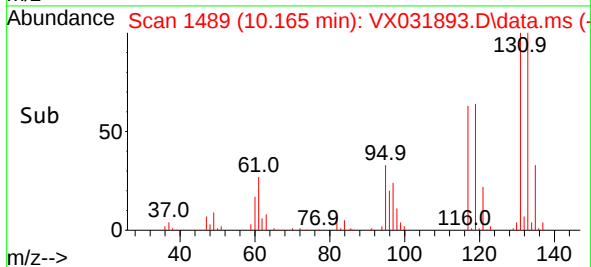
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022

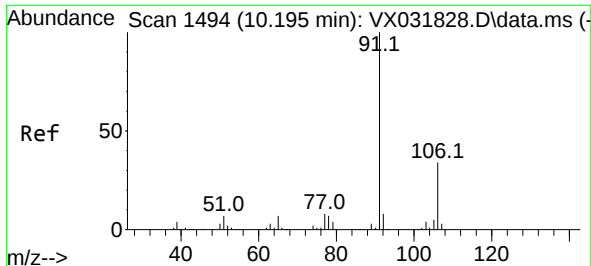


#66
1,1,1,2-Tetrachloroethane
Concen: 20.403 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX031893.D
Acq: 05 Oct 2022 14:33



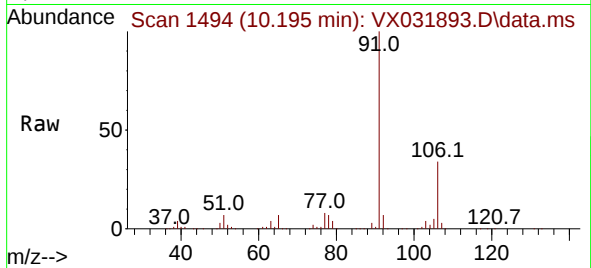
Tgt Ion:131 Resp: 35312
Ion Ratio Lower Upper
131 100
133 96.1 46.6 139.7
119 64.4 31.9 95.9





#67
Ethyl Benzene
Concen: 20.009 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX031893.D
Acq: 05 Oct 2022 14:33

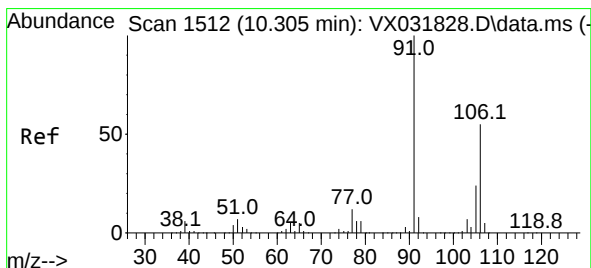
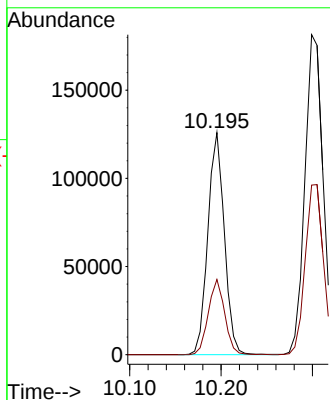
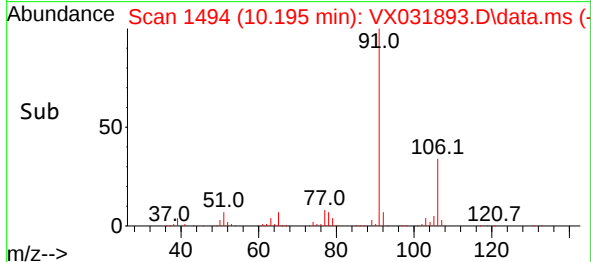
Instrument :
MSVOA_X
ClientSampleId :
VX1005MBSD01



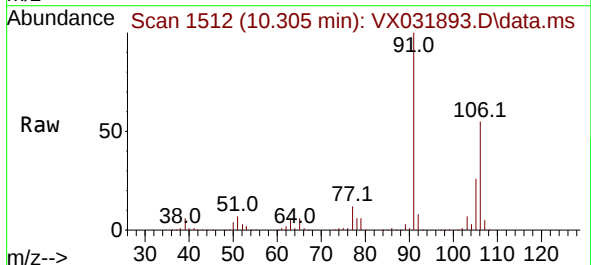
Tgt Ion: 91 Resp: 157584
Ion Ratio Lower Upper
91 100
106 33.8 25.2 37.8

Manual Integrations
APPROVED

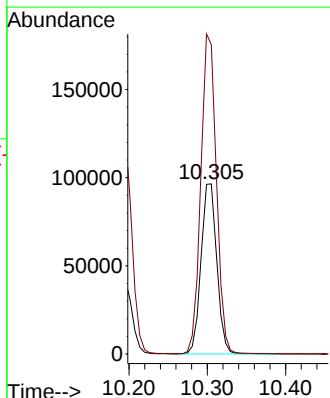
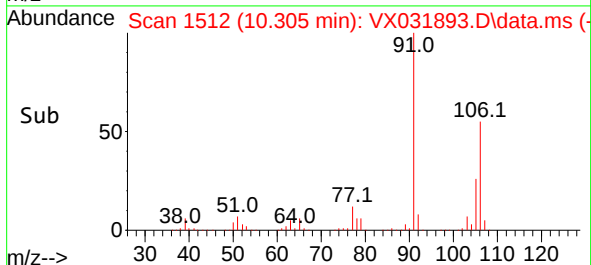
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022

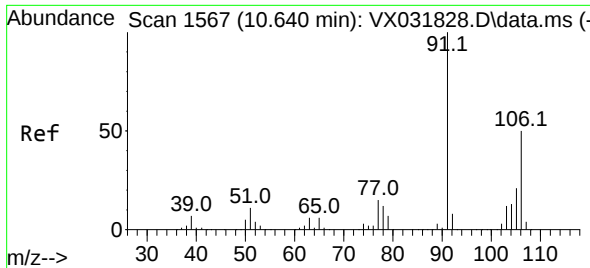


#68
m/p-Xylenes
Concen: 40.545 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX031893.D
Acq: 05 Oct 2022 14:33



Tgt Ion:106 Resp: 134618
Ion Ratio Lower Upper
106 100
91 186.1 161.0 241.4





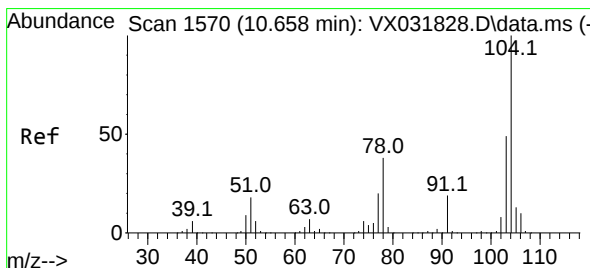
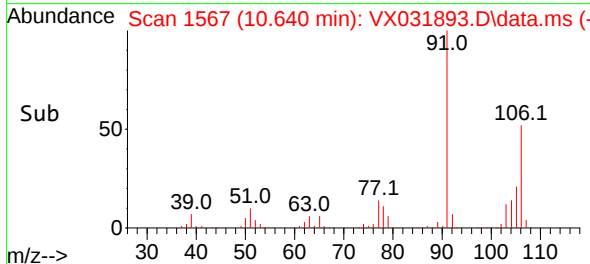
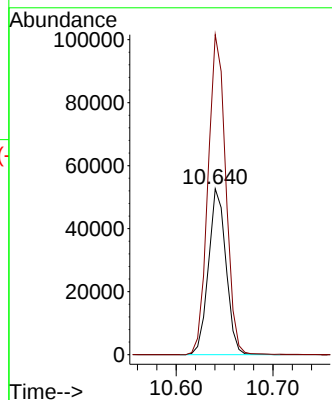
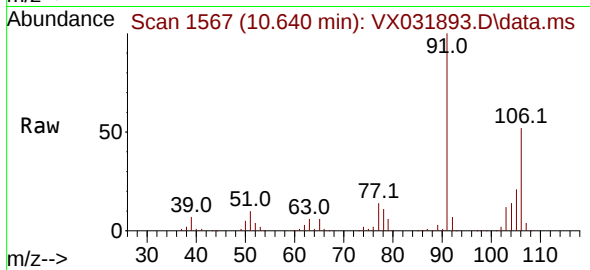
#69
o-Xylene
Concen: 20.353 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX031893.D
Acq: 05 Oct 2022 14:33

Instrument :
MSVOA_X
ClientSampleId :
VX1005MBSD01

Tgt Ion:106 Resp: 6643
Ion Ratio Lower Upper
106 100
91 195.2 107.2 321.6

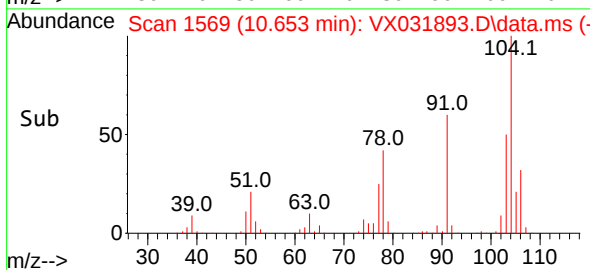
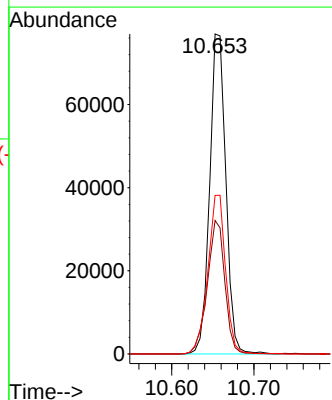
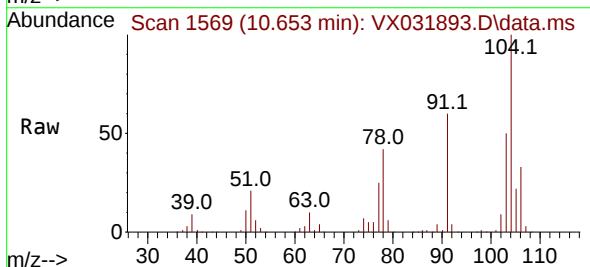
Manual Integrations
APPROVED

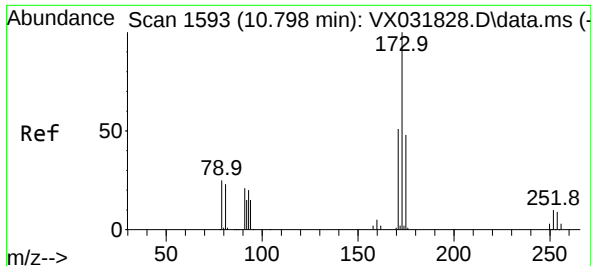
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#70
Styrene
Concen: 20.489 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX031893.D
Acq: 05 Oct 2022 14:33

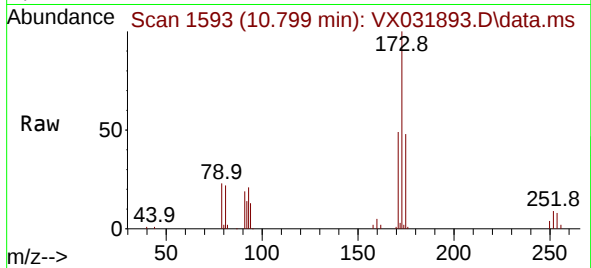
Tgt Ion:104 Resp: 105365
Ion Ratio Lower Upper
104 100
78 45.2 41.4 62.2
103 54.3 43.8 65.8





#71
Bromoform
Concen: 18.751 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX031893.D
Acq: 05 Oct 2022 14:33

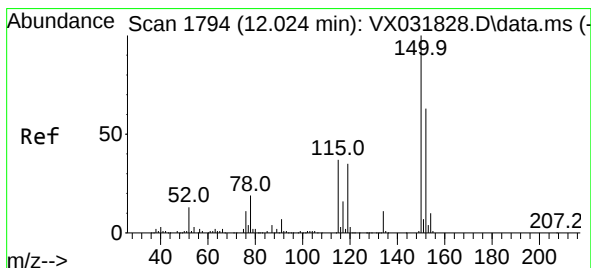
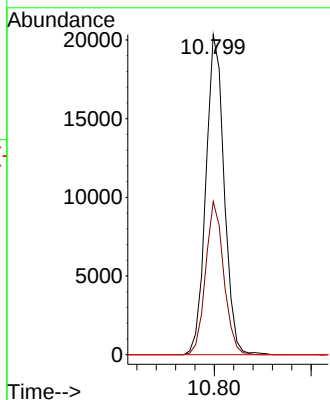
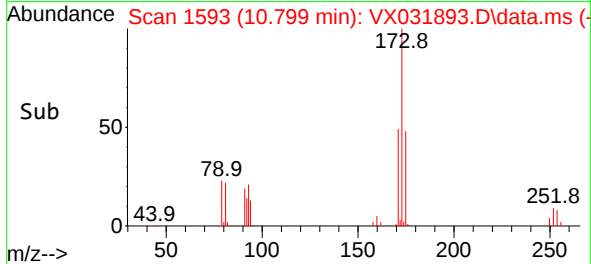
Instrument :
MSVOA_X
ClientSampleId :
VX1005MBSD01



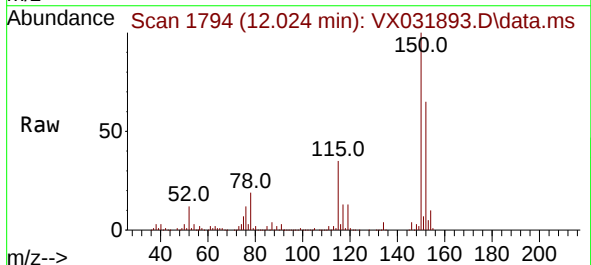
Tgt Ion:173 Resp: 2667
Ion Ratio Lower Upper
173 100
175 47.5 24.0 72.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

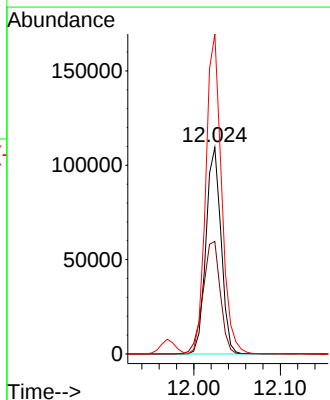
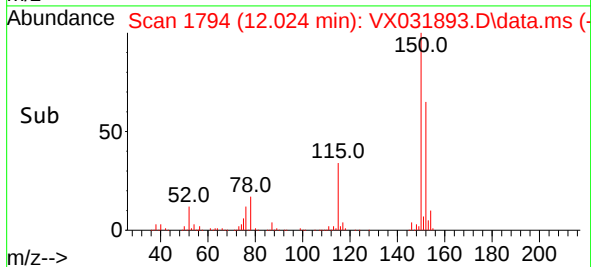
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022

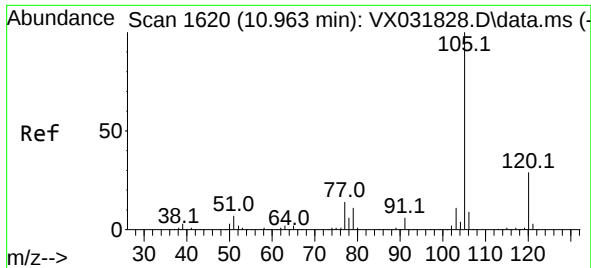


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031893.D
Acq: 05 Oct 2022 14:33



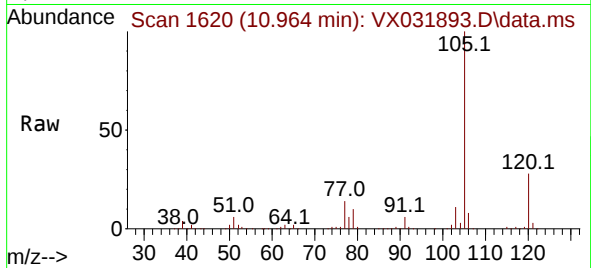
Tgt Ion:152 Resp: 132614
Ion Ratio Lower Upper
152 100
115 62.7 43.4 130.1
150 161.0 0.0 346.8





#73
Isopropylbenzene
Concen: 19.370 ug/l
RT: 10.964 min Scan# 1601
Delta R.T. 0.001 min
Lab File: VX031893.D
Acq: 05 Oct 2022 14:33

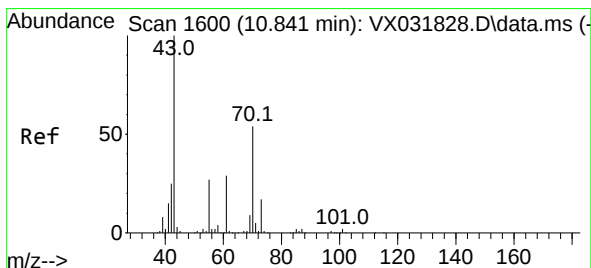
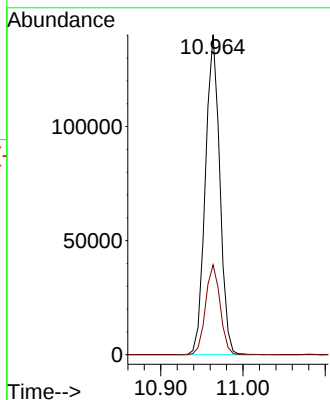
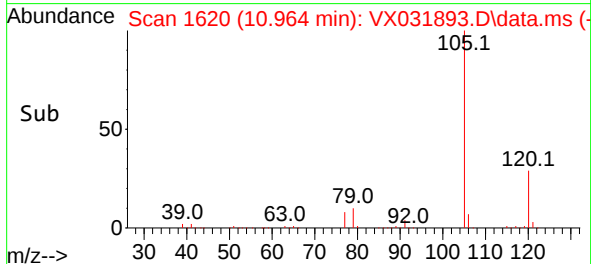
Instrument :
MSVOA_X
ClientSampleId :
VX1005MBS01



Tgt Ion:105 Resp: 17061
Ion Ratio Lower Upper
105 100
120 28.3 13.7 41.0

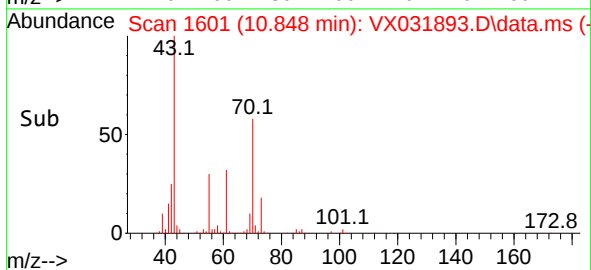
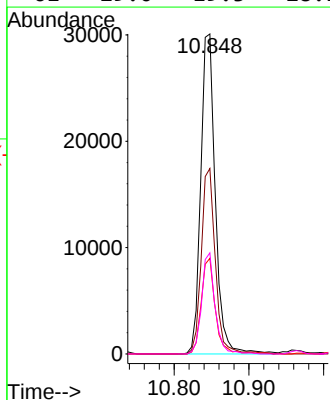
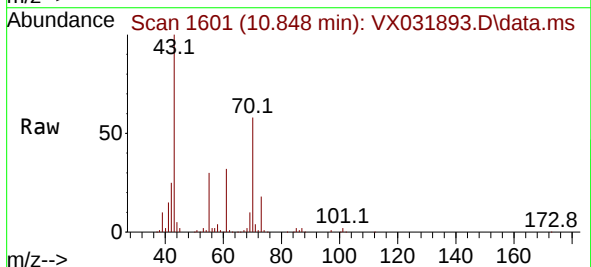
Manual Integrations
APPROVED

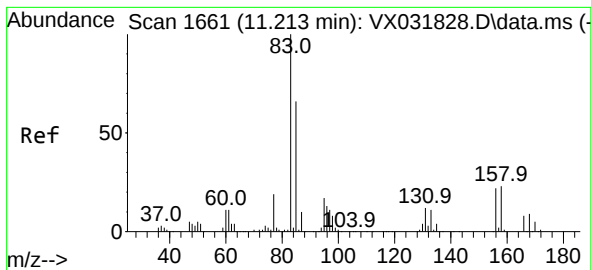
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#74
N-ethyl acetate
Concen: 21.087 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VX031893.D
Acq: 05 Oct 2022 14:33

Tgt Ion: 43 Resp: 40829
Ion Ratio Lower Upper
43 100
70 56.1 33.4 50.2#
55 28.5 18.2 27.2#
61 29.0 19.3 28.9#





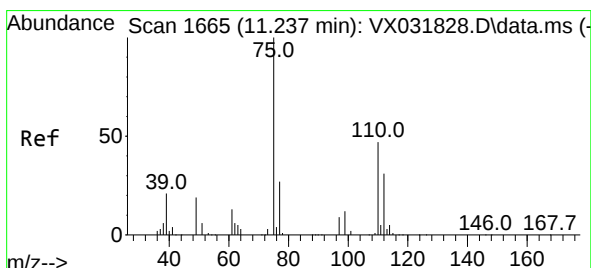
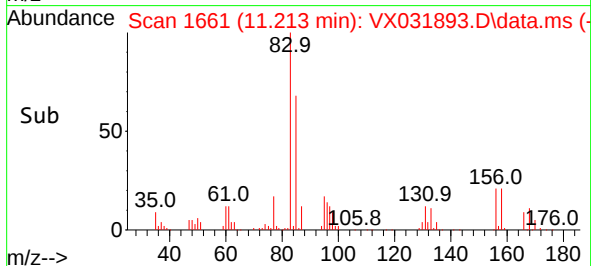
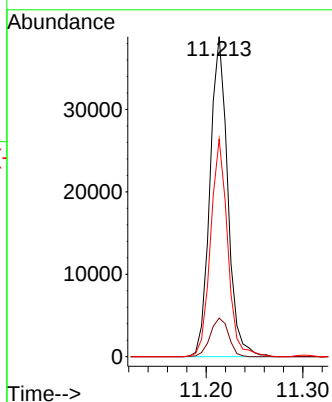
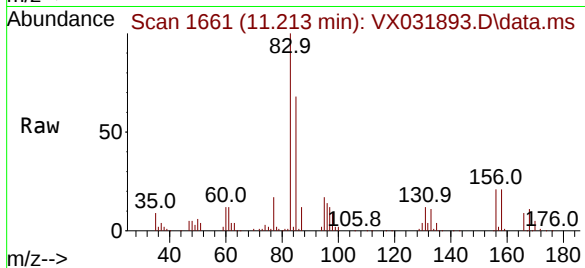
#75
1,1,2,2-Tetrachloroethane
Concen: 20.166 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX031893.D
Acq: 05 Oct 2022 14:33

Instrument :
MSVOA_X
ClientSampleId :
VX1005MBS01

Tgt Ion: 83 Resp: 4943
Ion Ratio Lower Upper
83 100
131 12.5 5.1 15.4
85 65.6 32.6 97.8

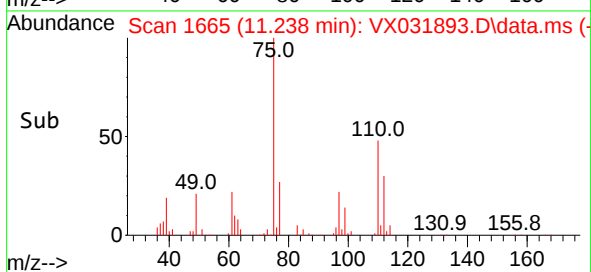
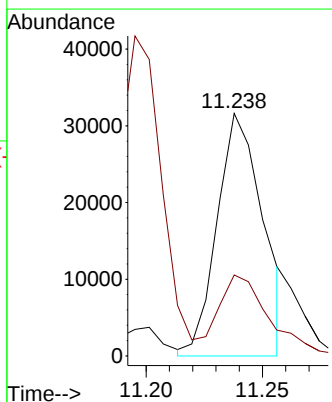
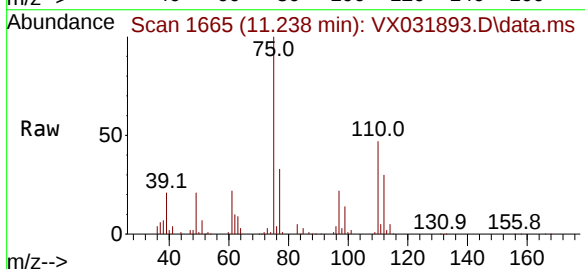
Manual Integrations
APPROVED

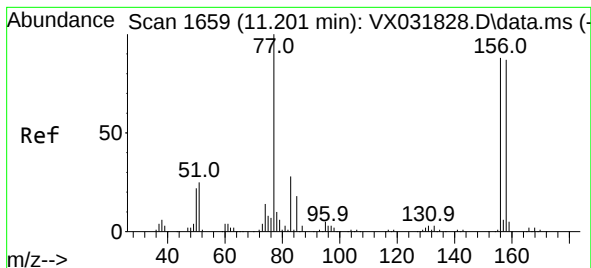
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#76
1,2,3-Trichloropropane
Concen: 20.475 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX031893.D
Acq: 05 Oct 2022 14:33

Tgt Ion: 75 Resp: 43173
Ion Ratio Lower Upper
75 100
77 37.8 20.3 60.9





#77

Bromobenzene

Concen: 19.580 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX031893.D

Acq: 05 Oct 2022 14:33

Instrument :

MSVOA_X

ClientSampleId :

VX1005MBS01

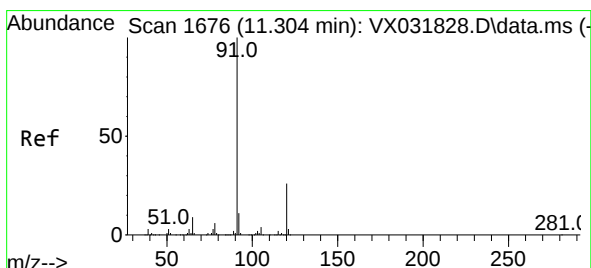
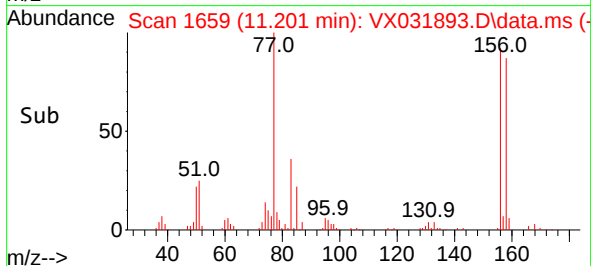
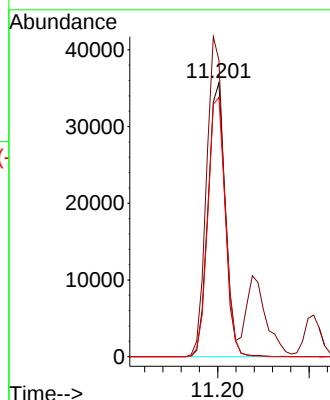
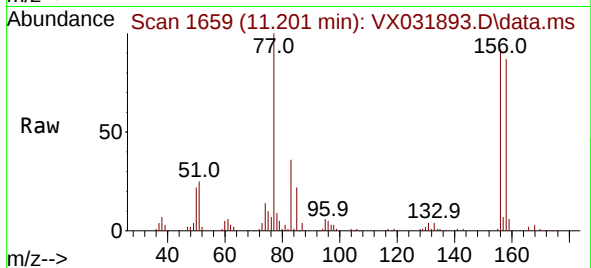
Tgt Ion:	156	Resp:	4688
Ion Ratio	Lower	Upper	
156	100		
77	116.8	79.5	238.6
158	96.4	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2022

Supervised By :Mahesh Dadoda 10/06/2022



#78

n-propylbenzene

Concen: 19.625 ug/l

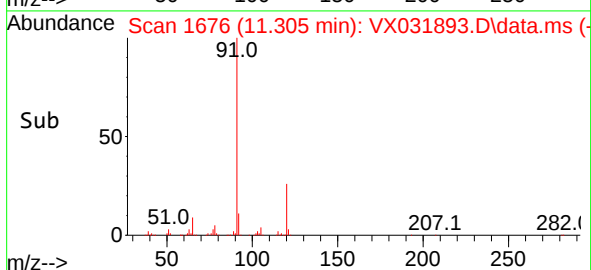
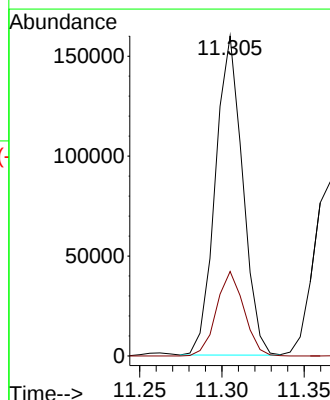
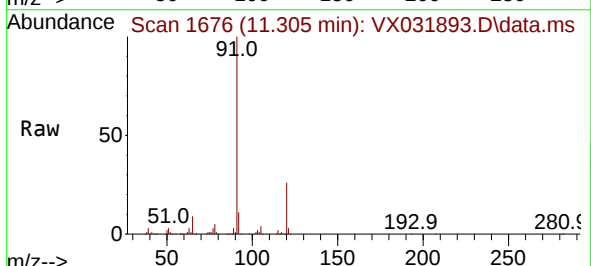
RT: 11.305 min Scan# 1676

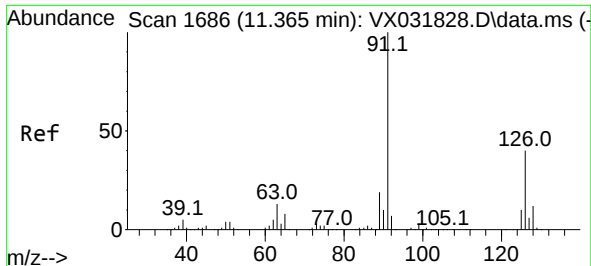
Delta R.T. -0.000 min

Lab File: VX031893.D

Acq: 05 Oct 2022 14:33

Tgt Ion:	91	Resp:	184117
Ion Ratio	Lower	Upper	
91	100		
120	26.7	11.8	35.4





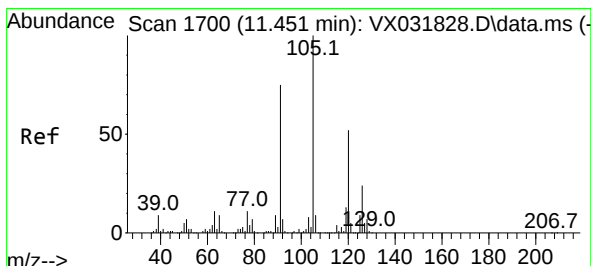
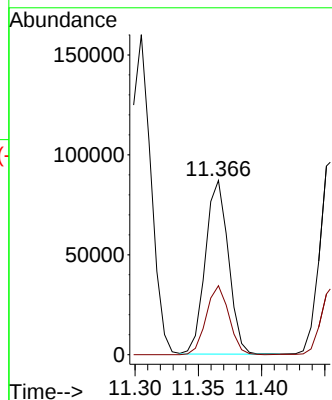
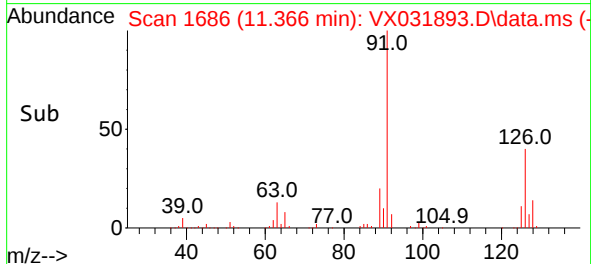
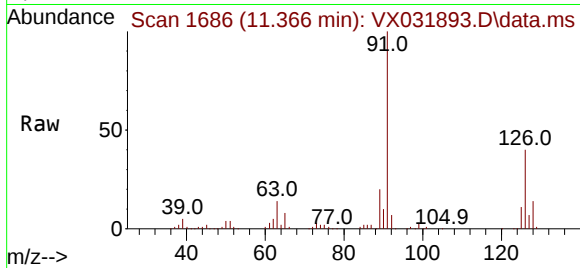
#79
2-Chlorotoluene
Concen: 19.220 ug/l
RT: 11.366 min Scan# 11017
Delta R.T. -0.000 min
Lab File: VX031893.D
Acq: 05 Oct 2022 14:33

Instrument :
MSVOA_X
ClientSampleId :
VX1005MBS01

Tgt Ion: 91 Resp: 11017
Ion Ratio Lower Upper
91 100
126 39.2 17.4 52.3

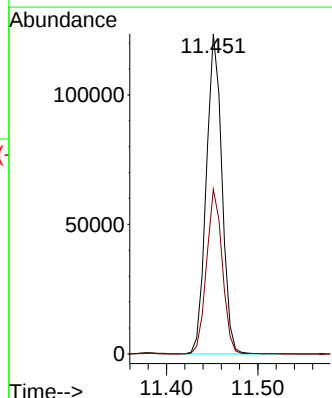
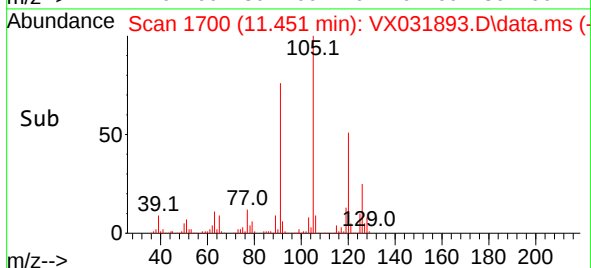
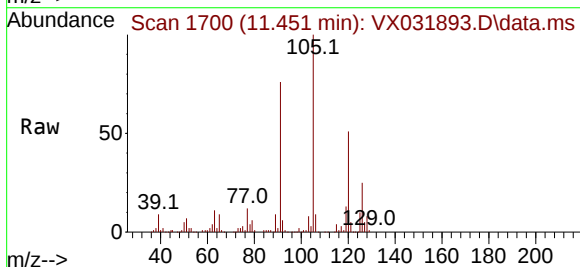
Manual Integrations
APPROVED

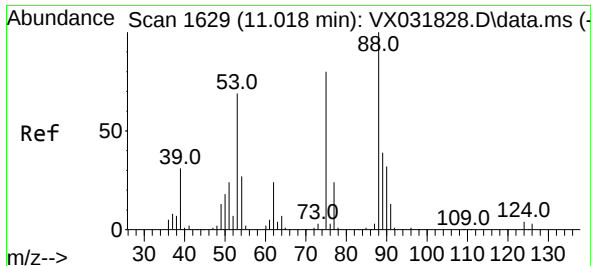
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#80
1,3,5-Trimethylbenzene
Concen: 20.063 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX031893.D
Acq: 05 Oct 2022 14:33

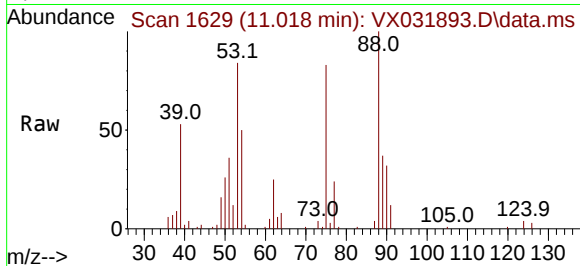
Tgt Ion:105 Resp: 146269
Ion Ratio Lower Upper
105 100
120 51.7 24.5 73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 18.719 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX031893.D
Acq: 05 Oct 2022 14:33

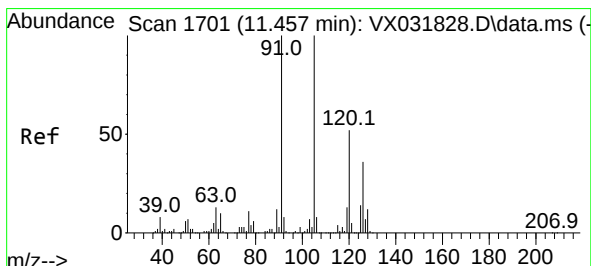
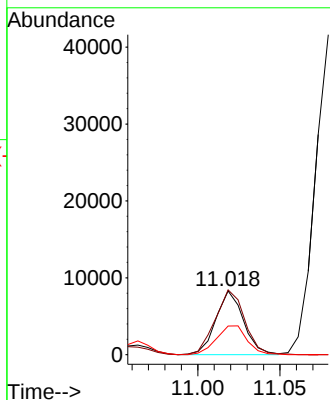
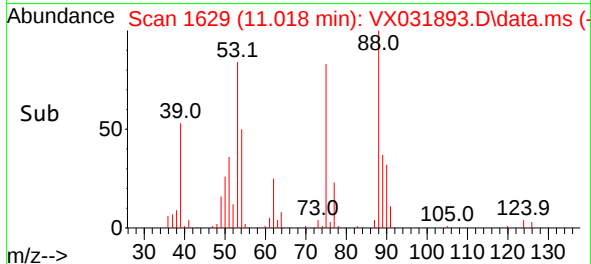
Instrument :
MSVOA_X
ClientSampleId :
VX1005MBS01



Tgt Ion: 75 Resp: 970
Ion Ratio Lower Upper
75 100
53 108.1 77.6 116.4
89 50.2 37.4 56.0

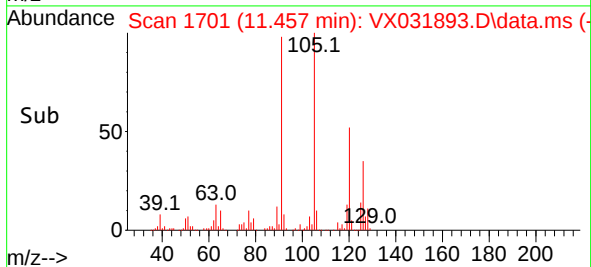
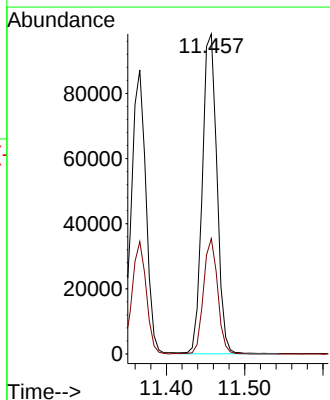
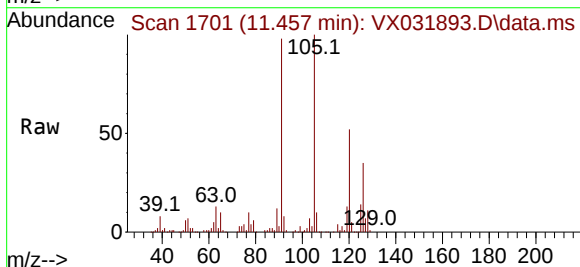
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APPROVED

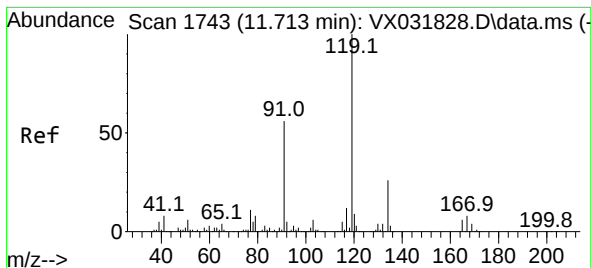
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#82
4-Chlorotoluene
Concen: 19.435 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX031893.D
Acq: 05 Oct 2022 14:33

Tgt Ion: 91 Resp: 127164
Ion Ratio Lower Upper
91 100
126 34.9 15.1 45.3





#83

tert-Butylbenzene

Concen: 19.567 ug/l

RT: 11.713 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX031893.D

Acq: 05 Oct 2022 14:33

Instrument :

MSVOA_X

ClientSampleId :

VX1005MBS01

Tgt Ion:119 Resp: 14397

Ion Ratio Lower Upper

119 100

91 54.2 29.2 87.6

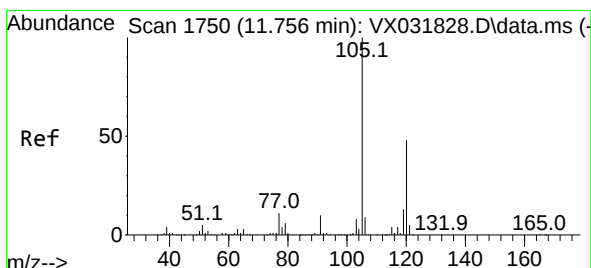
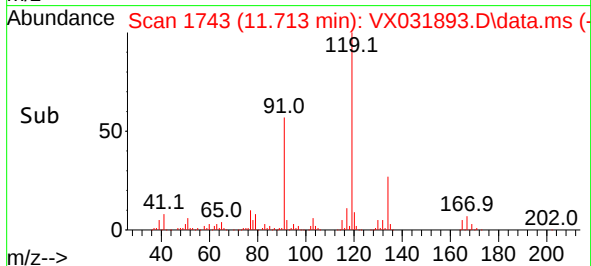
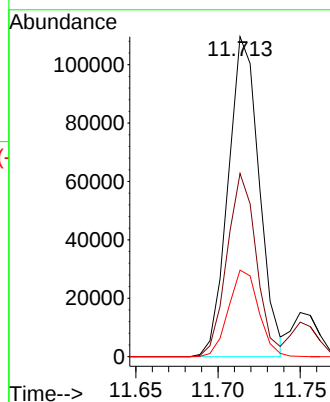
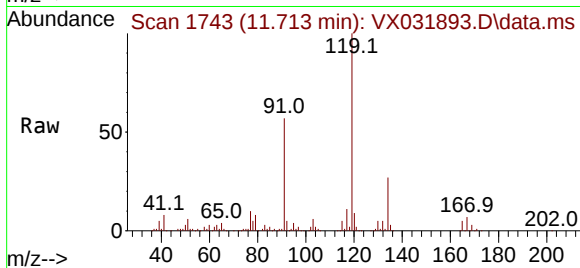
134 26.3 11.6 34.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2022

Supervised By :Mahesh Dadoda 10/06/2022



#84

1,2,4-Trimethylbenzene

Concen: 19.947 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX031893.D

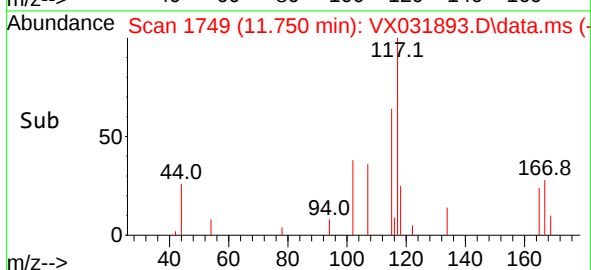
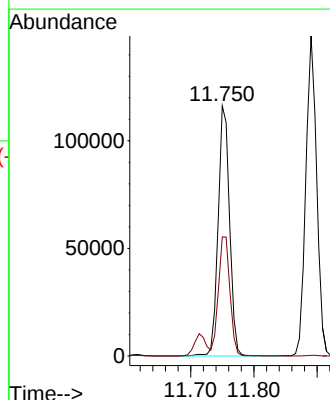
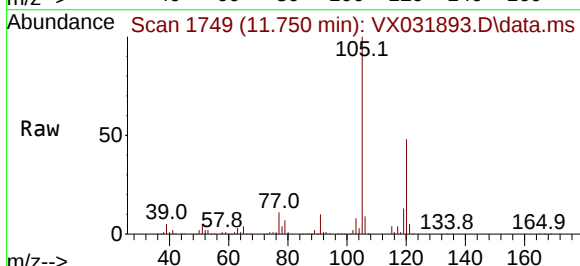
Acq: 05 Oct 2022 14:33

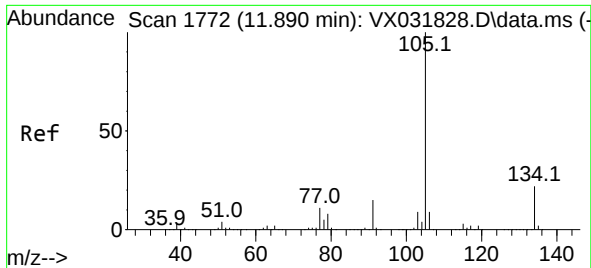
Tgt Ion:105 Resp: 145259

Ion Ratio Lower Upper

105 100

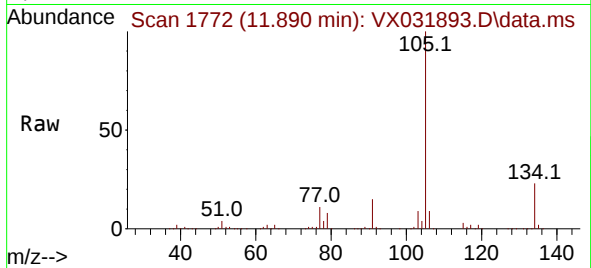
120 48.1 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 19.910 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX031893.D
 Acq: 05 Oct 2022 14:33

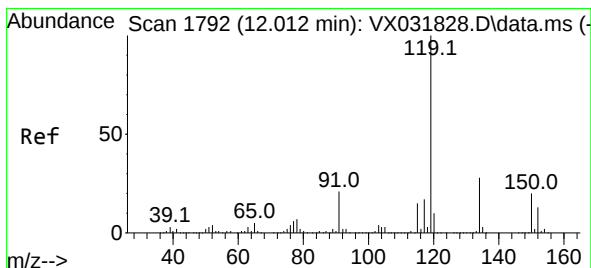
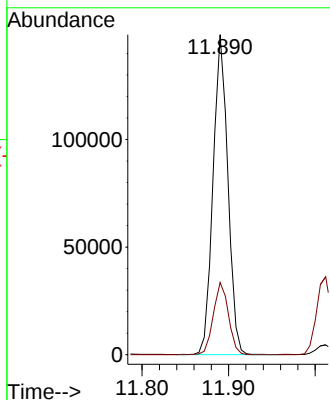
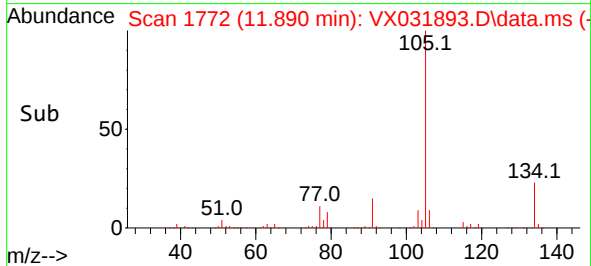
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1005MBSD01



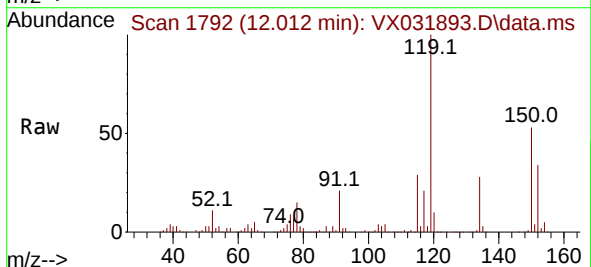
Tgt Ion:105 Resp: 17670
 Ion Ratio Lower Upper
 105 100
 134 23.0 10.4 31.1

Manual Integrations
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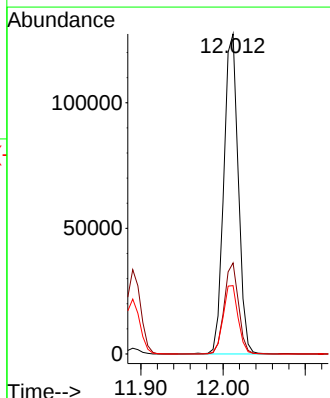
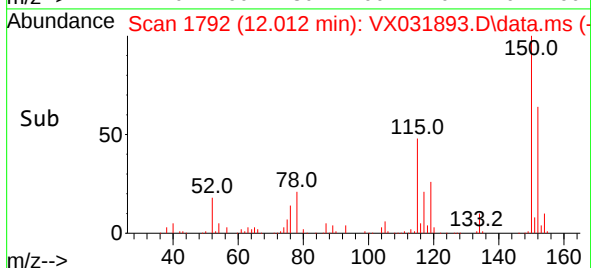
Reviewed By :John Carlone 10/06/2022
 Supervised By :Mahesh Dadoda 10/06/2022

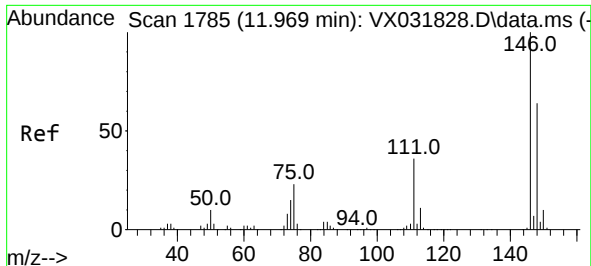


#86
 p-Isopropyltoluene
 Concen: 19.901 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX031893.D
 Acq: 05 Oct 2022 14:33



Tgt Ion:119 Resp: 156077
 Ion Ratio Lower Upper
 119 100
 134 28.1 13.4 40.2
 91 22.1 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 20.003 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX031893.D

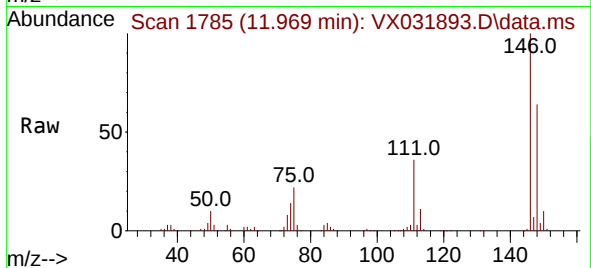
Acq: 05 Oct 2022 14:33

Instrument :

MSVOA_X

ClientSampleId :

VX1005MBS01



Tgt Ion:146 Resp: 90449

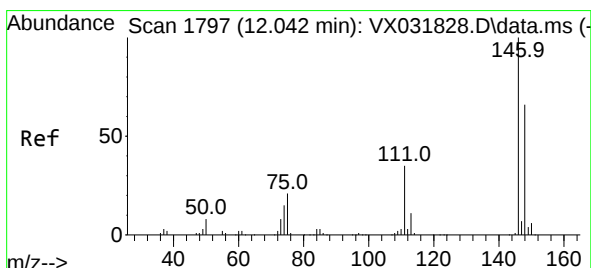
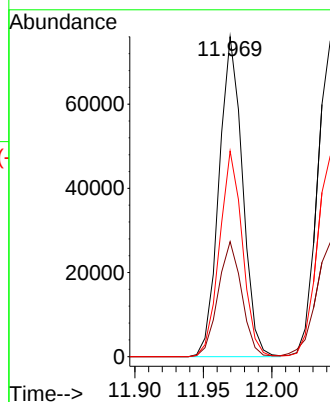
Ion	Ratio	Lower	Upper
146	100		
111	36.3	19.8	59.4
148	62.8	31.5	94.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2022

Supervised By :Mahesh Dadoda 10/06/2022



#88

1,4-Dichlorobenzene

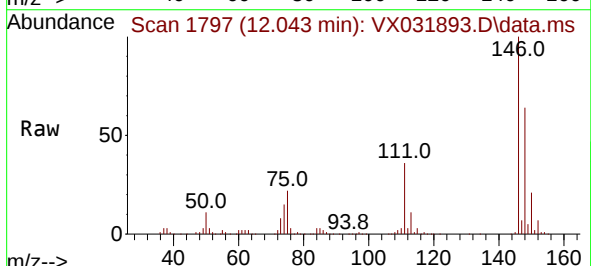
Concen: 19.186 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.001 min

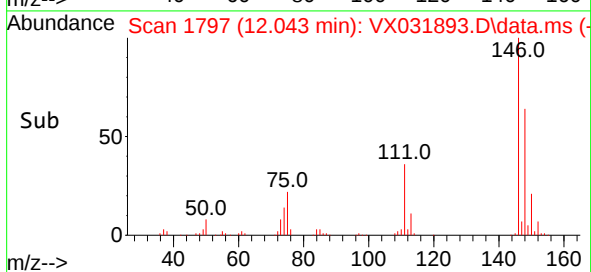
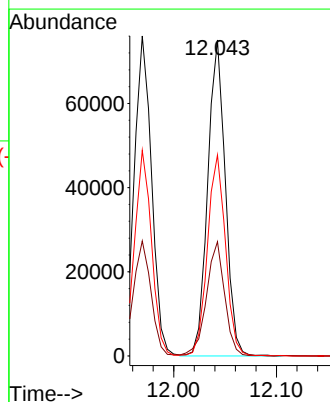
Lab File: VX031893.D

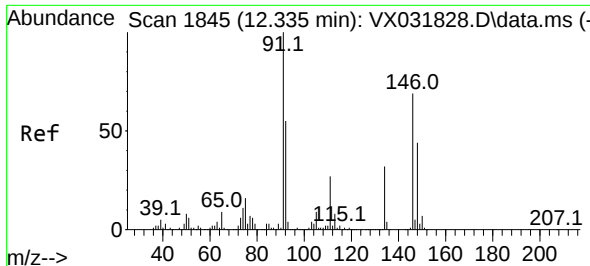
Acq: 05 Oct 2022 14:33



Tgt Ion:146 Resp: 89413

Ion	Ratio	Lower	Upper
146	100		
111	37.6	20.5	61.5
148	65.6	32.0	96.2





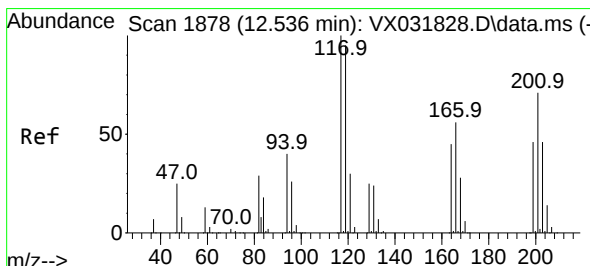
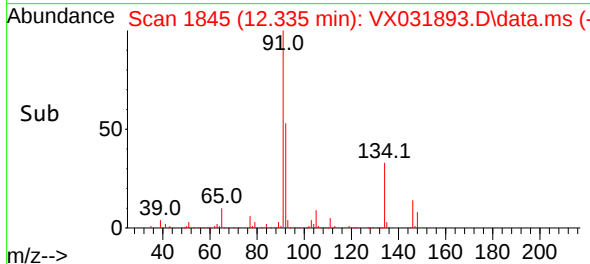
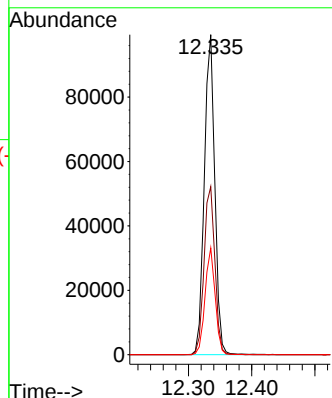
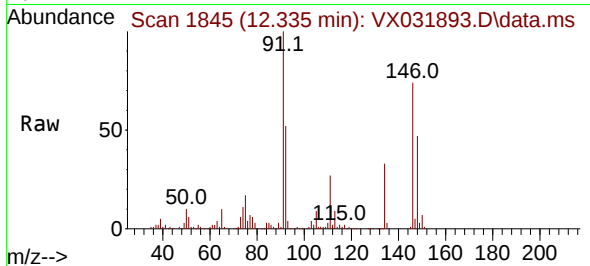
#89
n-Butylbenzene
Concen: 19.687 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX031893.D
Acq: 05 Oct 2022 14:33

Instrument :
MSVOA_X
ClientSampleId :
VX1005MBS01

Tgt Ion: 91 Resp: 114872
Ion Ratio Lower Upper
91 100
92 54.4 27.0 81.0
134 32.3 13.3 39.9

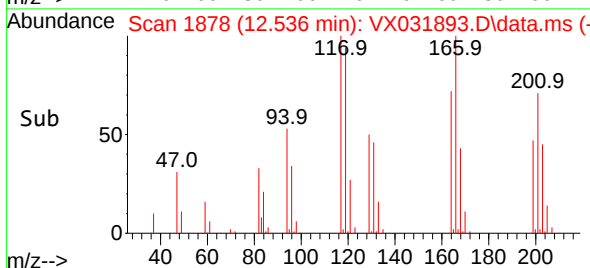
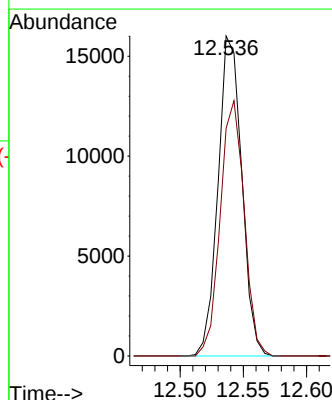
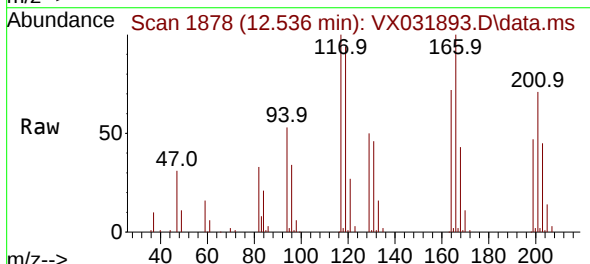
Manual Integrations
APPROVED

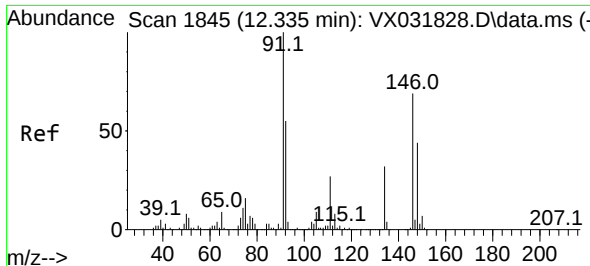
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#90
Hexachloroethane
Concen: 19.869 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.006 min
Lab File: VX031893.D
Acq: 05 Oct 2022 14:33

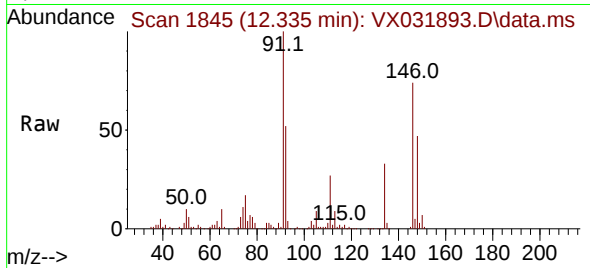
Tgt Ion:117 Resp: 20866
Ion Ratio Lower Upper
117 100
201 80.4 34.8 104.4





#91
1,2-Dichlorobenzene
Concen: 19.628 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX031893.D
Acq: 05 Oct 2022 14:33

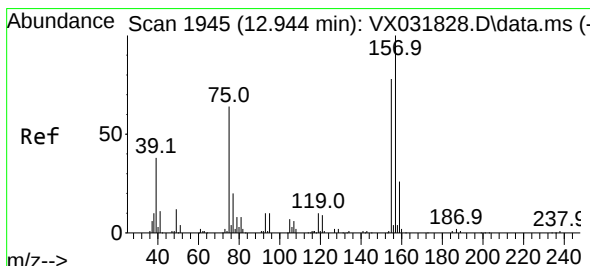
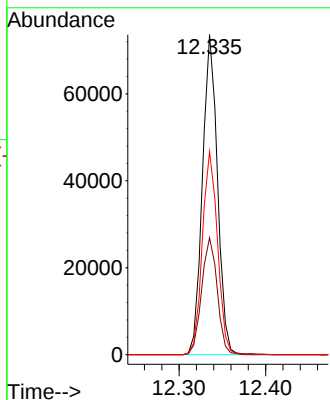
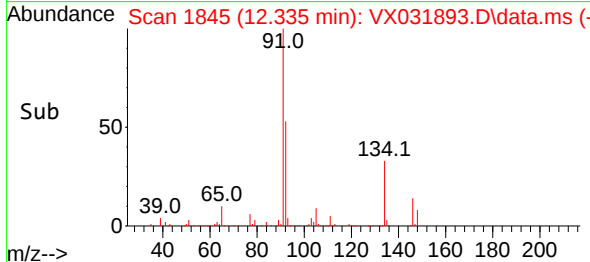
Instrument :
MSVOA_X
ClientSampleId :
VX1005MBS01



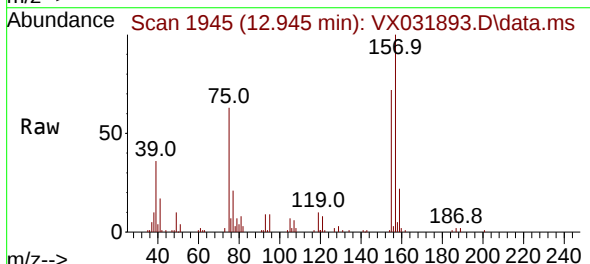
Tgt Ion:146 Resp: 8870
Ion Ratio Lower Upper
146 100
111 37.7 20.6 61.8
148 64.3 31.6 95.0

Manual Integrations
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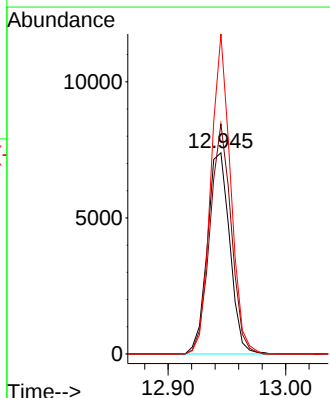
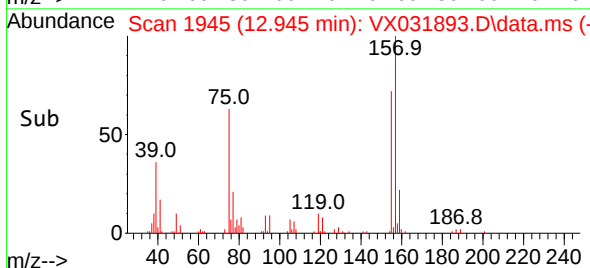
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022

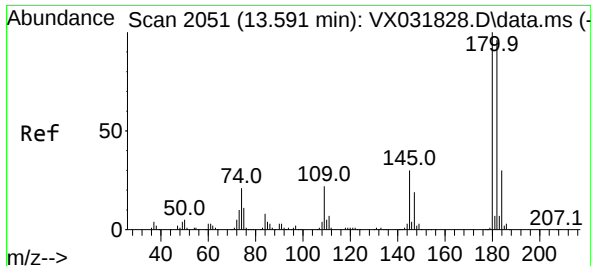


#92
1,2-Dibromo-3-Chloropropane
Concen: 22.576 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX031893.D
Acq: 05 Oct 2022 14:33



Tgt Ion: 75 Resp: 9826
Ion Ratio Lower Upper
75 100
155 107.8 40.3 120.8
157 139.1 51.5 154.5





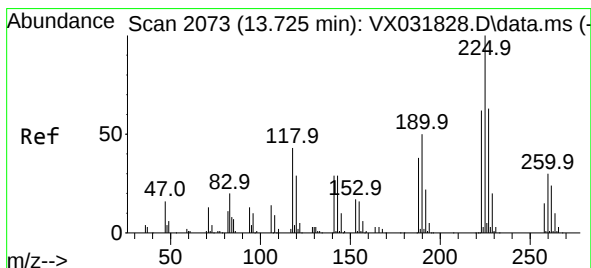
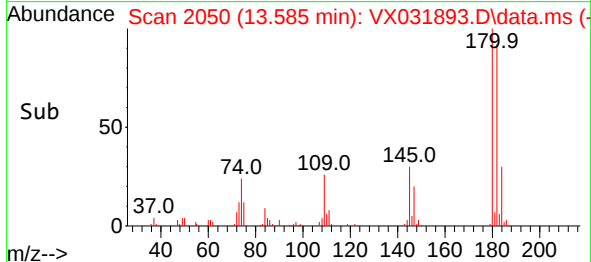
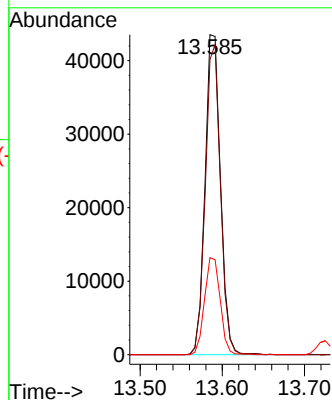
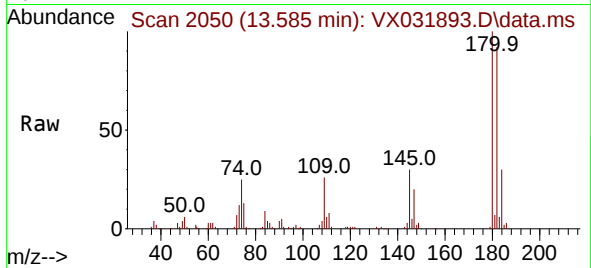
#93
1,2,4-Trichlorobenzene
Concen: 19.815 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.006 min
Lab File: VX031893.D
Acq: 05 Oct 2022 14:33

Instrument :
MSVOA_X
ClientSampleId :
VX1005MBSD01

Tgt Ion:180 Resp: 5687
Ion Ratio Lower Upper
180 100
182 94.9 46.9 140.6
145 30.7 16.7 50.1

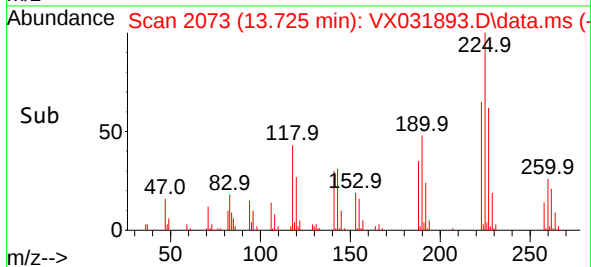
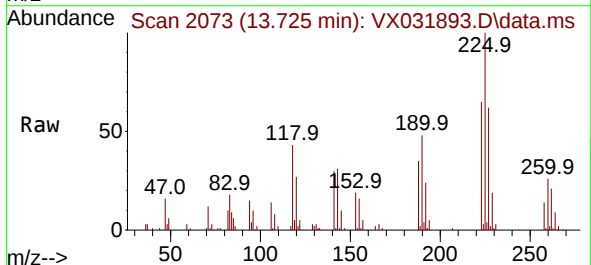
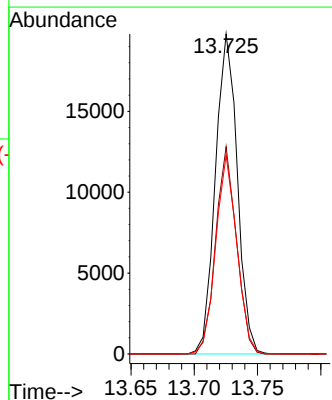
Manual Integrations
APPROVED

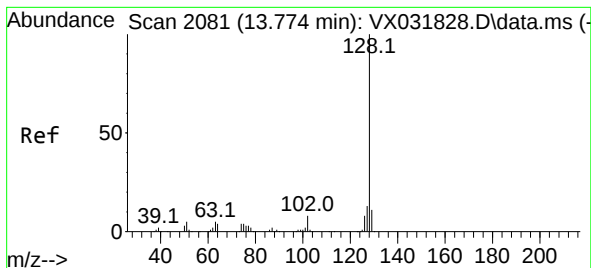
Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022



#94
Hexachlorobutadiene
Concen: 20.329 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX031893.D
Acq: 05 Oct 2022 14:33

Tgt Ion:225 Resp: 23766
Ion Ratio Lower Upper
225 100
223 61.3 30.8 92.4
227 60.0 32.3 96.9





#95

Naphthalene

Concen: 20.802 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX031893.D

Acq: 05 Oct 2022 14:33

Instrument :

MSVOA_X

ClientSampleId :

VX1005MBSD01

Tgt Ion:128 Resp: 188120

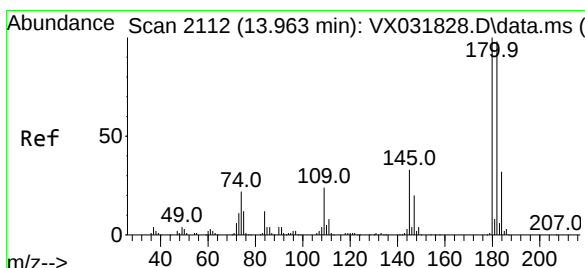
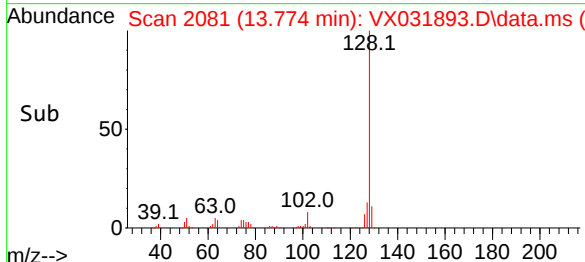
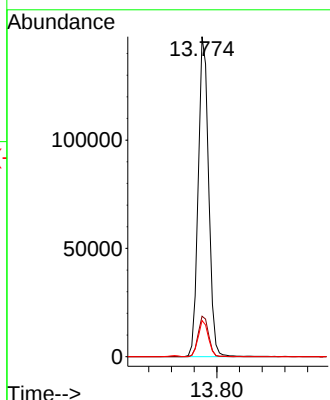
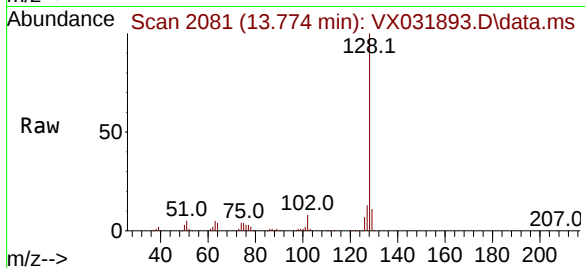
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.4	15.6
129	11.0	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2022

Supervised By :Mahesh Dadoda 10/06/2022



#96

1,2,3-Trichlorobenzene

Concen: 19.972 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX031893.D

Acq: 05 Oct 2022 14:33

Tgt Ion:180 Resp: 57853

Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.9	143.8
145	32.7	17.6	52.8

