

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101922\
 Data File : VX032229.D
 Acq On : 20 Oct 2022 00:19
 Operator : JC/MD
 Sample : VX1019WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1019WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/20/2022
 Supervised By : Mahesh Dadoda 10/20/2022

Quant Time: Oct 20 04:36:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 19 16:51:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	139997	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	222611	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	199746	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102233	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	97334	53.444	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.880%			
35) Dibromofluoromethane	5.385	113	76787	49.570	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.140%			
50) Toluene-d8	8.647	98	276486	49.583	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.160%			
62) 4-Bromofluorobenzene	11.079	95	107624	52.707	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.420%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	26683	20.833	ug/l	99
3) Chloromethane	1.294	50	25406	19.324	ug/l	96
4) Vinyl Chloride	1.374	62	27389	19.855	ug/l	95
5) Bromomethane	1.617	94	25463	17.630	ug/l	100
6) Chloroethane	1.691	64	22946	18.586	ug/l	100
7) Trichlorofluoromethane	1.892	101	54004	22.022	ug/l	98
8) Diethyl Ether	2.136	74	18229	21.875	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	26850	20.196	ug/l	99
10) Methyl Iodide	2.453	142	36438	18.966	ug/l	96
11) Tert butyl alcohol	2.989	59	30075	103.748	ug/l	100
12) 1,1-Dichloroethene	2.319	96	25710	20.575	ug/l	97
13) Acrolein	2.239	56	26278	118.528	ug/l	100
14) Allyl chloride	2.666	41	41111	20.947	ug/l	97
15) Acrylonitrile	3.068	53	69033	101.067	ug/l	97
16) Acetone	2.386	43	63153	106.854	ug/l	98
17) Carbon Disulfide	2.514	76	58210	19.898	ug/l	100
18) Methyl Acetate	2.703	43	42592	21.227	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	91398	21.226	ug/l	98
20) Methylene Chloride	2.788	84	29513	19.448	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	28255	20.761	ug/l	98
22) Diisopropyl ether	3.757	45	89505	20.826	ug/l	97
23) Vinyl Acetate	3.721	43	360309	104.894	ug/l	99
24) 1,1-Dichloroethane	3.611	63	51106	20.581	ug/l	98
25) 2-Butanone	4.562	43	97582	105.751	ug/l	100
26) 2,2-Dichloropropane	4.477	77	36557	20.434	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	32899	20.645	ug/l	99
28) Bromochloromethane	4.897	49	19166	18.708	ug/l	100
29) Tetrahydrofuran	5.013	42	61467	103.137	ug/l	99
30) Chloroform	5.092	83	56348	20.849	ug/l	96
31) Cyclohexane	5.477	56	44213	21.236	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	50479	21.902	ug/l	99
36) 1,1-Dichloropropene	5.696	75	40622	20.386	ug/l	99
37) Ethyl Acetate	4.715	43	38440	19.702	ug/l	99
38) Carbon Tetrachloride	5.678	117	43764	20.805	ug/l	99
39) Methylcyclohexane	7.379	83	48393	20.329	ug/l	99
40) Benzene	6.037	78	115070	19.924	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	21382	20.784	ug/l	97
42) 1,2-Dichloroethane	6.086	62	47923	21.663	ug/l	98
43) Isopropyl Acetate	6.342	43	63235	20.650	ug/l	99
44) Trichloroethene	7.129	130	32138	20.208	ug/l	100
45) 1,2-Dichloropropane	7.434	63	29566	20.293	ug/l	99
46) Dibromomethane	7.580	93	22286	20.509	ug/l	98
47) Bromodichloromethane	7.824	83	41135	20.492	ug/l	99
48) Methyl methacrylate	7.696	41	33344	21.834	ug/l	95
49) 1,4-Dioxane	7.696	88	13336	435.122	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	201113	104.772	ug/l	100
52) Toluene	8.720	92	76127	20.348	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	41142	19.346	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	45048	20.140	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	30905	20.335	ug/l	98
56) Ethyl methacrylate	9.116	69	45795	20.922	ug/l	99
57) 1,3-Dichloropropane	9.311	76	50933	20.690	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	100097	99.769	ug/l	99
59) 2-Hexanone	9.433	43	153640	107.270	ug/l	99
60) Dibromochloromethane	9.519	129	31070	19.947	ug/l	98
61) 1,2-Dibromoethane	9.610	107	33149	20.575	ug/l	98
64) Tetrachloroethene	9.275	164	26139	19.817	ug/l	97
65) Chlorobenzene	10.079	112	82639	20.179	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	30318	20.690	ug/l	99
67) Ethyl Benzene	10.195	91	149599	20.632	ug/l	100
68) m/p-Xylenes	10.305	106	115374	40.293	ug/l	98
69) o-Xylene	10.640	106	56281	20.517	ug/l	97
70) Styrene	10.659	104	93968	20.314	ug/l	99
71) Bromoform	10.799	173	21739	18.878	ug/l #	99
73) Isopropylbenzene	10.963	105	152311	20.879	ug/l	100
74) N-amyl acetate	10.841	43	57399	21.299	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	47551	20.276	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	42289m	20.877	ug/l	
77) Bromobenzene	11.201	156	35919	20.088	ug/l	96
78) n-propylbenzene	11.305	91	173894	20.818	ug/l	100
79) 2-Chlorotoluene	11.366	91	103920	20.643	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	130921	20.778	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	11068	18.992	ug/l	94
82) 4-Chlorotoluene	11.457	91	122049	20.824	ug/l	100
83) tert-Butylbenzene	11.713	119	130272	20.664	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	129953	21.213	ug/l	98
85) sec-Butylbenzene	11.890	105	156804	20.581	ug/l	99
86) p-Isopropyltoluene	12.012	119	134762	20.788	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	69470	20.186	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	70326	19.893	ug/l	98
89) n-Butylbenzene	12.335	91	113821	19.934	ug/l	99
90) Hexachloroethane	12.542	117	19957	19.839	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	69833	20.670	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	10058	20.832	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	43547	19.799	ug/l	99
94) Hexachlorobutadiene	13.725	225	18368	19.242	ug/l	99
95) Naphthalene	13.774	128	147798	20.981	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	44287	20.019	ug/l	99

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VX1019WBSD02

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Quant Title : SW846 8260
QLast Update : Wed Oct 19 16:51:09 2022
Response via : Initial Calibration

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

Manual Integrations APPROVED

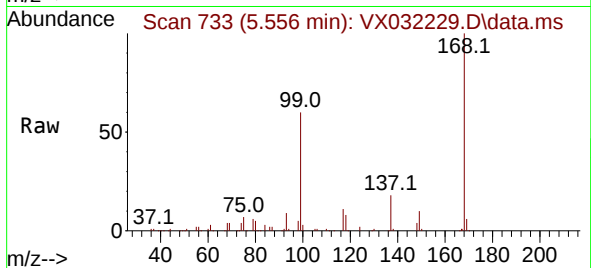
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

[illegible]



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032229.D
Acq: 20 Oct 2022 00:19

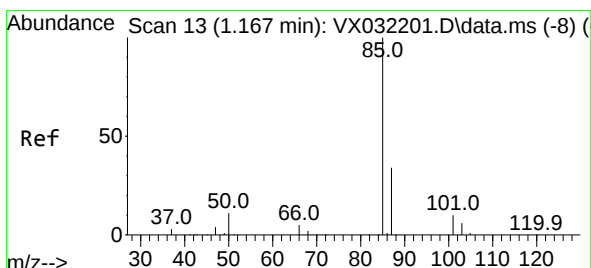
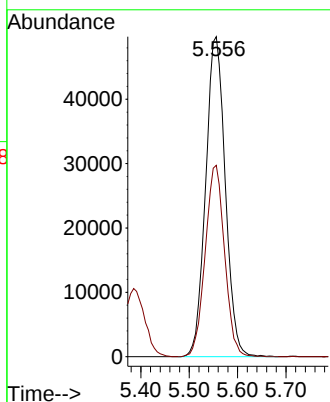
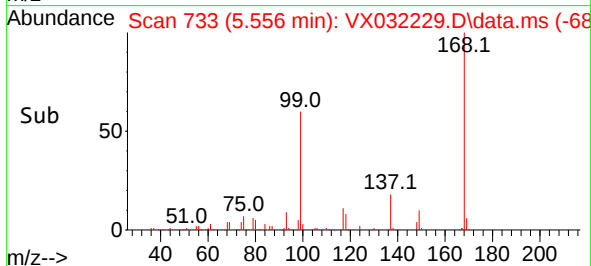
Instrument :
MSVOA_X
ClientSampleId :
VX1019WBSD02



Tgt Ion:168 Resp: 13999
Ion Ratio Lower Upper
168 100
99 59.8 44.8 67.2

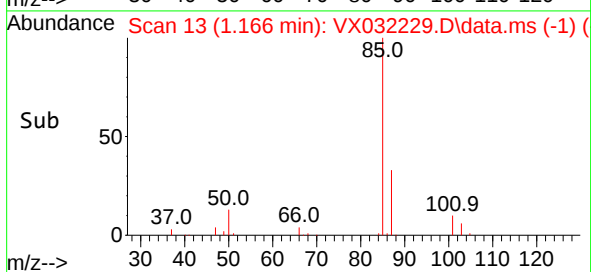
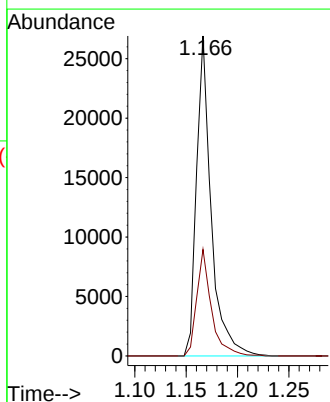
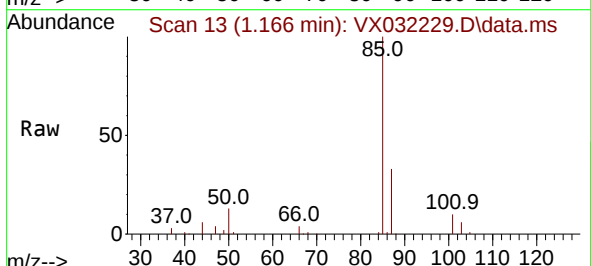
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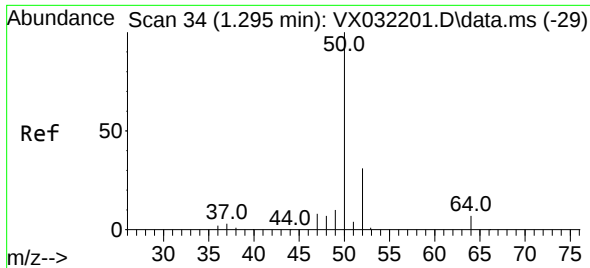
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#2
Dichlorodifluoromethane
Concen: 20.833 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.001 min
Lab File: VX032229.D
Acq: 20 Oct 2022 00:19

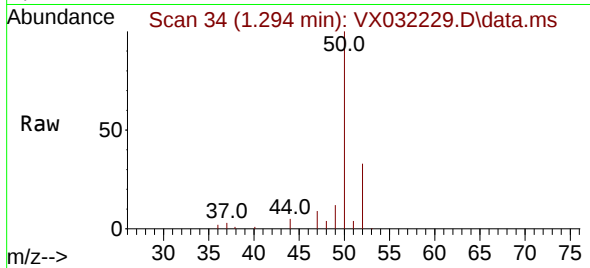
Tgt Ion: 85 Resp: 26683
Ion Ratio Lower Upper
85 100
87 33.3 16.8 50.4





#3
Chloromethane
Concen: 19.324 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX032229.D
Acq: 20 Oct 2022 00:19

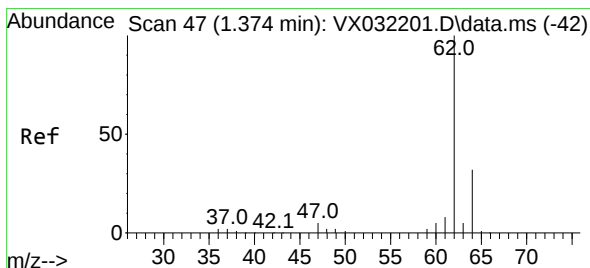
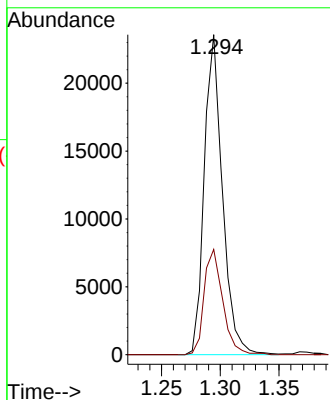
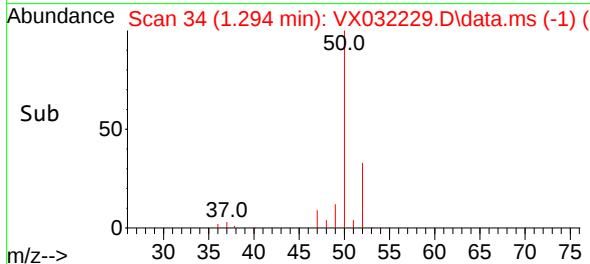
Instrument :
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ClientSampleId :
VX1019WBSD02



Tgt Ion: 50 Resp: 25400
Ion Ratio Lower Upper
50 100
52 32.9 24.7 37.1

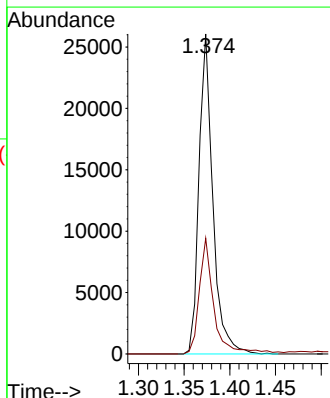
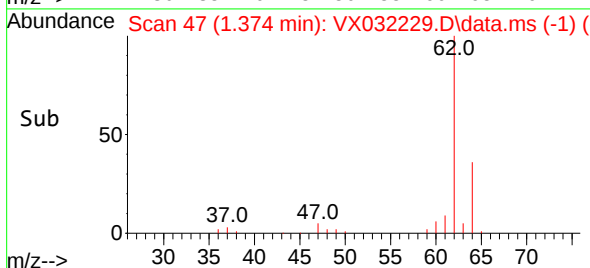
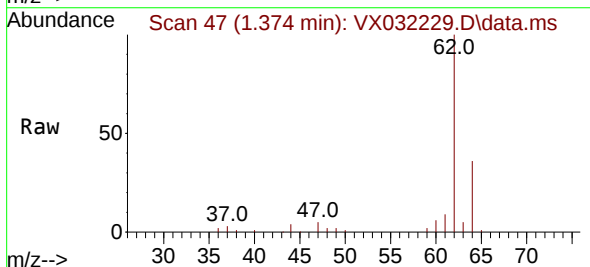
Manual Integrations
APPROVED

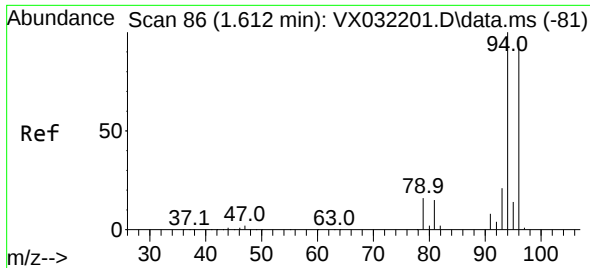
Reviewed By :John Carlone 10/20/2022
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#4
Vinyl Chloride
Concen: 19.855 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX032229.D
Acq: 20 Oct 2022 00:19

Tgt Ion: 62 Resp: 27389
Ion Ratio Lower Upper
62 100
64 36.1 26.6 39.8





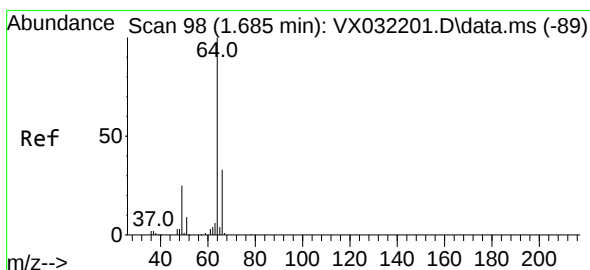
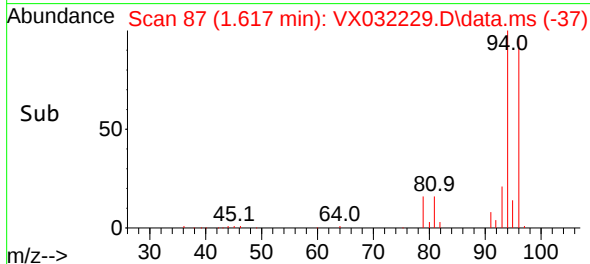
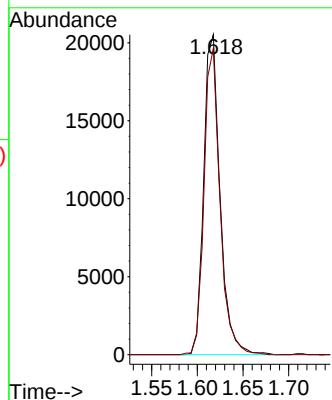
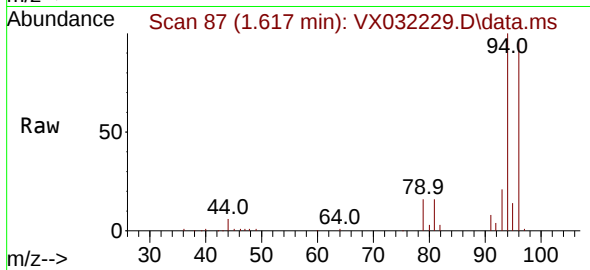
#5
Bromomethane
Concen: 17.630 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.005 min
Lab File: VX032229.D
Acq: 20 Oct 2022 00:19

Instrument :
MSVOA_X
ClientSampleId :
VX1019WBSD02

Tgt Ion: 94 Resp: 2546
Ion Ratio Lower Upper
94 100
96 95.6 76.7 115.1

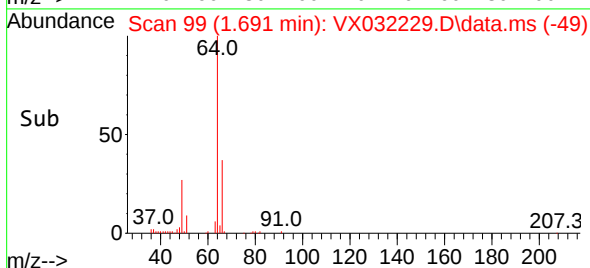
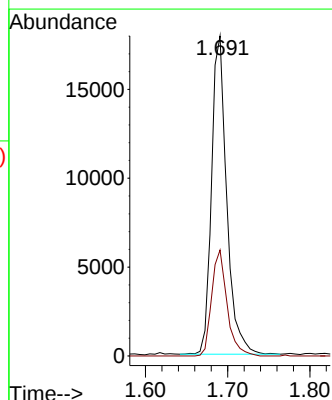
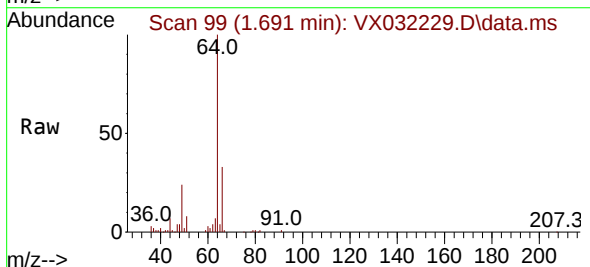
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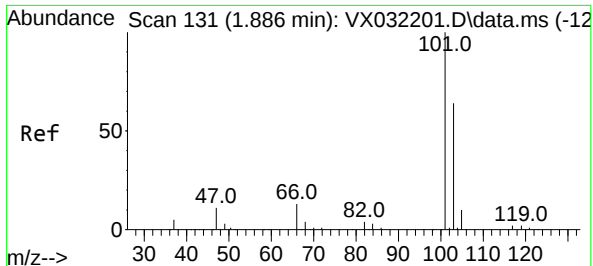
Reviewed By :John Carlone 10/20/2022
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#6
Chloroethane
Concen: 18.586 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX032229.D
Acq: 20 Oct 2022 00:19

Tgt Ion: 64 Resp: 22946
Ion Ratio Lower Upper
64 100
66 33.3 26.6 39.8





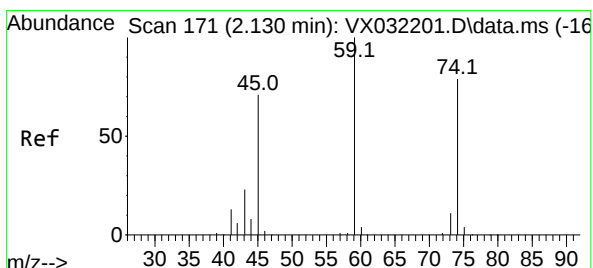
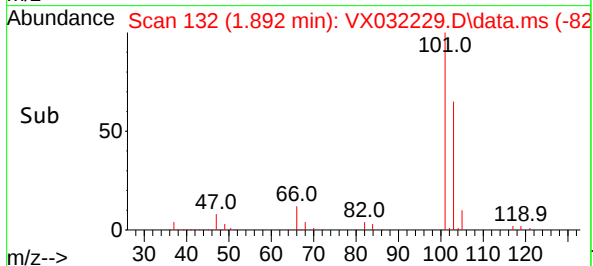
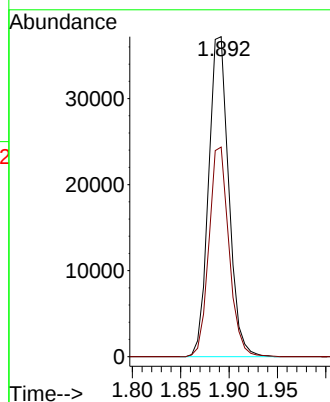
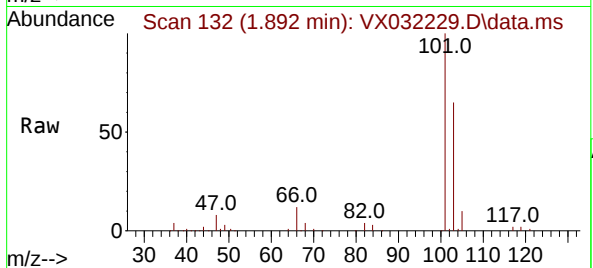
#7
Trichlorofluoromethane
Concen: 22.022 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX032229.D
Acq: 20 Oct 2022 00:19

Instrument :
MSVOA_X
ClientSampleId :
VX1019WBSD02

Tgt Ion:101 Resp: 54004
Ion Ratio Lower Upper
101 100
103 65.5 51.3 76.9

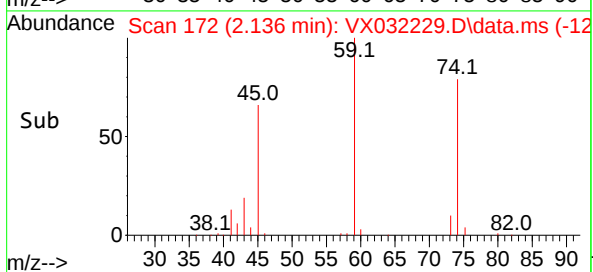
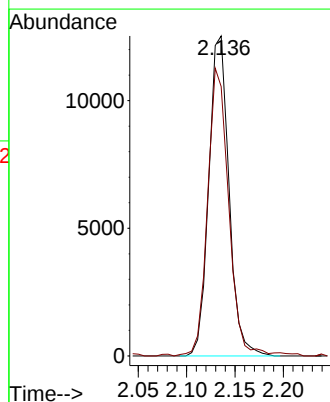
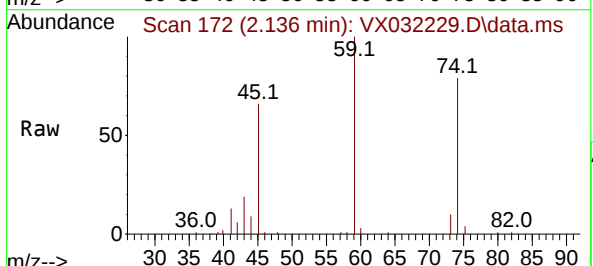
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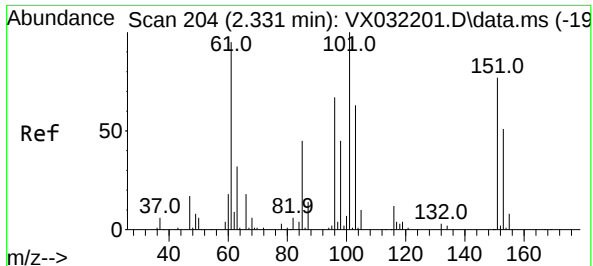
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#8
Diethyl Ether
Concen: 21.875 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX032229.D
Acq: 20 Oct 2022 00:19

Tgt Ion: 74 Resp: 18229
Ion Ratio Lower Upper
74 100
45 94.3 45.9 137.6





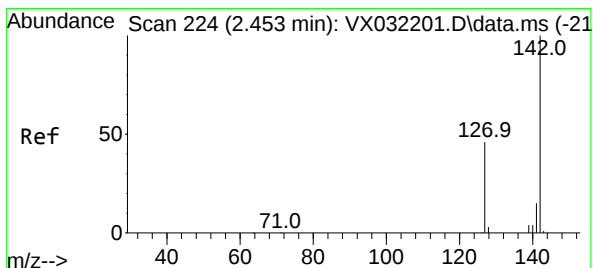
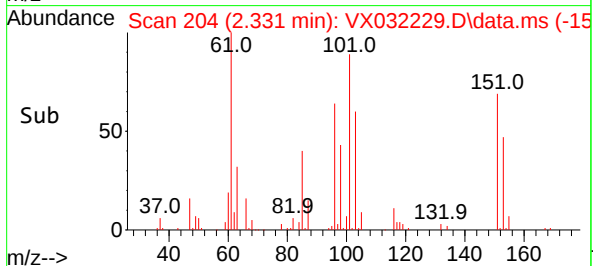
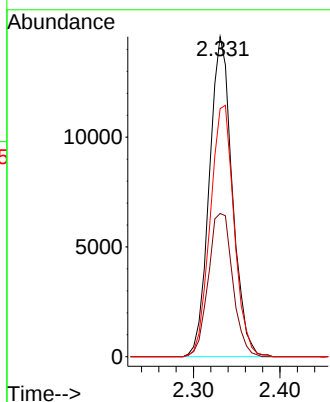
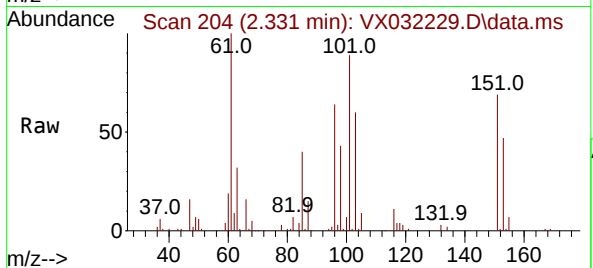
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.196 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX032229.D
Acq: 20 Oct 2022 00:19

Instrument :
MSVOA_X
ClientSampleId :
VX1019WBSD02

Tgt Ion:101 Resp: 26850
Ion Ratio Lower Upper
101 100
85 47.6 36.5 54.7
151 81.5 65.5 98.3

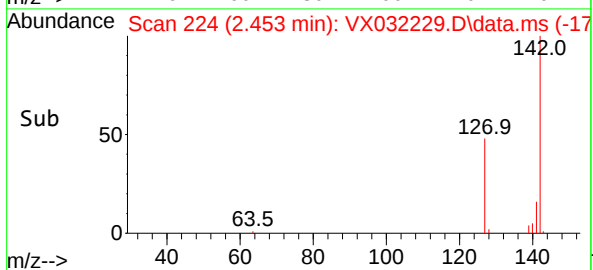
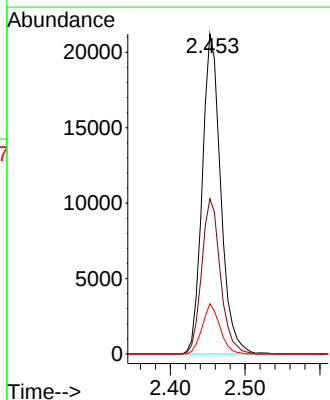
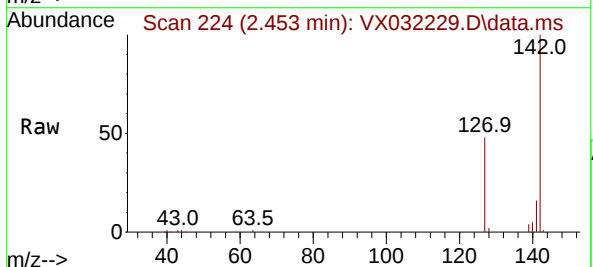
Manual Integrations
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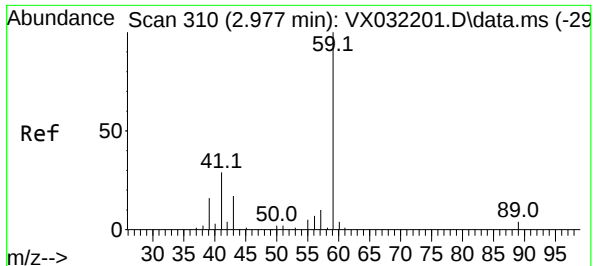
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#10
Methyl Iodide
Concen: 18.966 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX032229.D
Acq: 20 Oct 2022 00:19

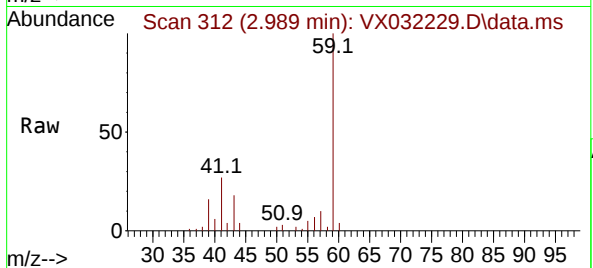
Tgt Ion:142 Resp: 36438
Ion Ratio Lower Upper
142 100
127 49.2 36.9 55.3
141 15.0 11.4 17.2





#11
Tert butyl alcohol
Concen: 103.748 ug/l
RT: 2.989 min Scan# 310
Delta R.T. 0.012 min
Lab File: VX032229.D
Acq: 20 Oct 2022 00:19

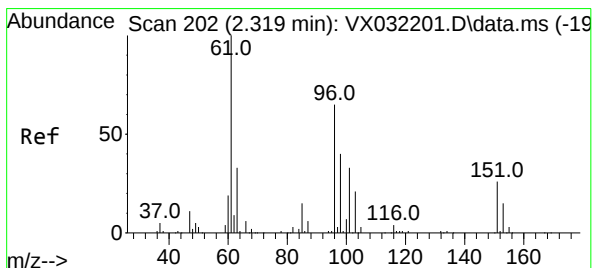
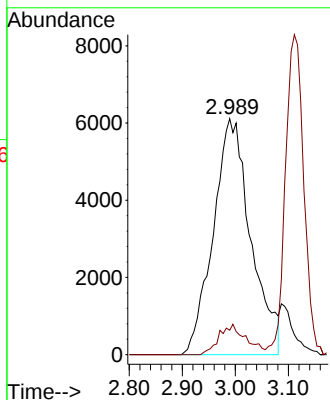
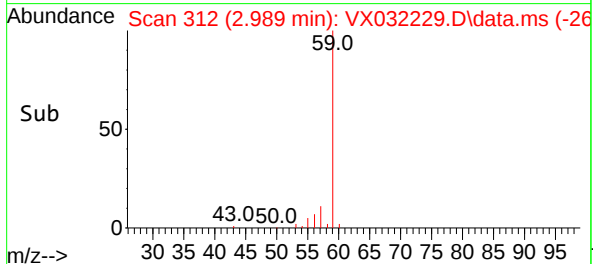
Instrument :
MSVOA_X
ClientSampleId :
VX1019WBSD02



Tgt Ion: 59 Resp: 3007
Ion Ratio Lower Upper
59 100
57 9.3 7.5 11.3

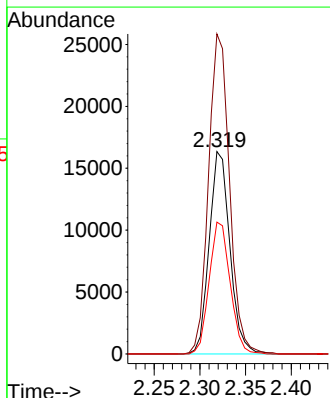
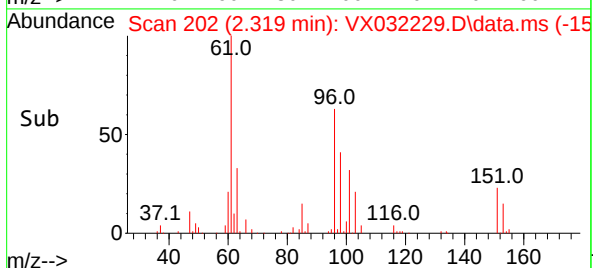
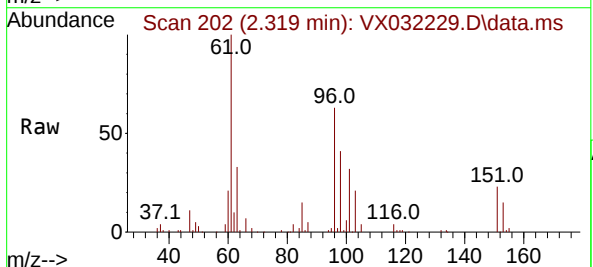
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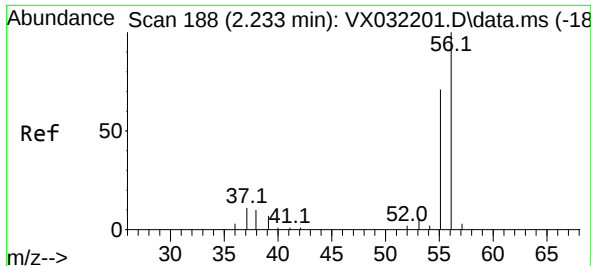
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#12
1,1-Dichloroethene
Concen: 20.575 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX032229.D
Acq: 20 Oct 2022 00:19

Tgt Ion: 96 Resp: 25710
Ion Ratio Lower Upper
96 100
61 158.1 124.0 186.0
98 65.1 50.0 75.0





#13

Acrolein

Concen: 118.528 ug/l

RT: 2.239 min Scan# 188

Delta R.T. 0.006 min

Lab File: VX032229.D

Acq: 20 Oct 2022 00:19

Instrument :

MSVOA_X

ClientSampleId :

VX1019WBSD02

Tgt Ion: 56 Resp: 26278

Ion Ratio Lower Upper

56 100

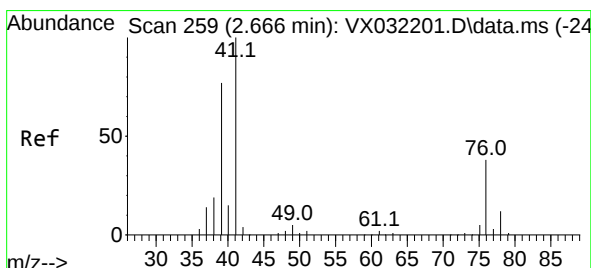
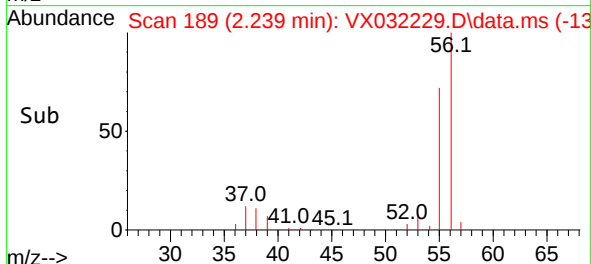
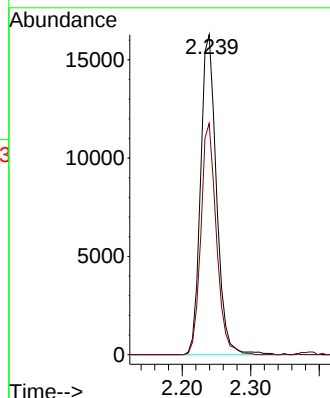
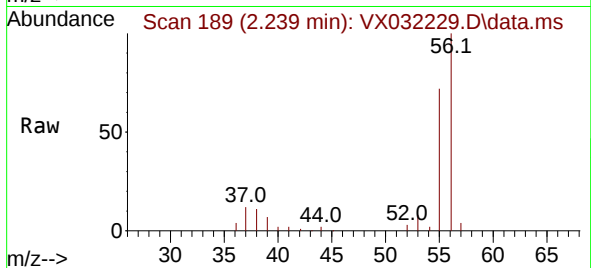
55 70.6 56.4 84.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#14

Allyl chloride

Concen: 20.947 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX032229.D

Acq: 20 Oct 2022 00:19

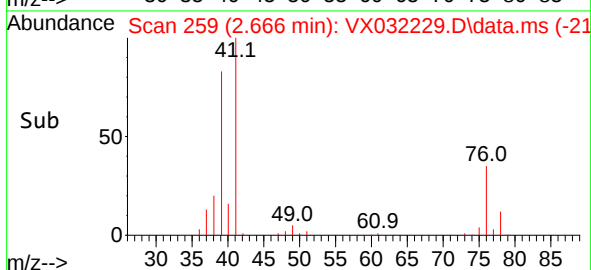
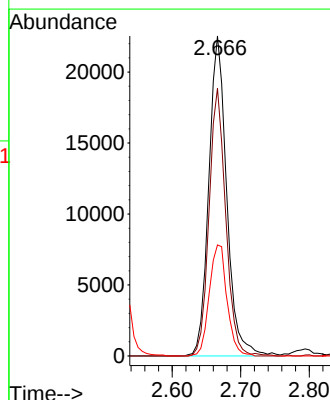
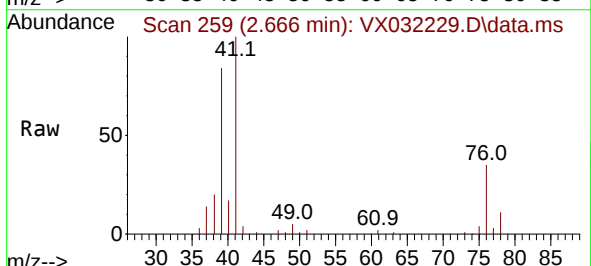
Tgt Ion: 41 Resp: 41111

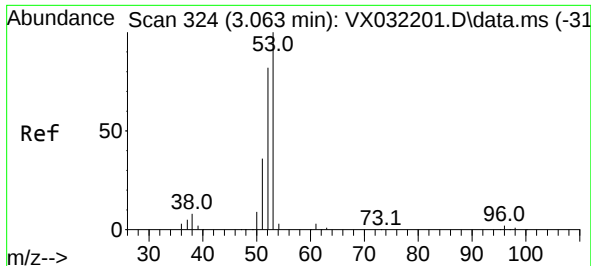
Ion Ratio Lower Upper

41 100

39 77.6 59.5 89.3

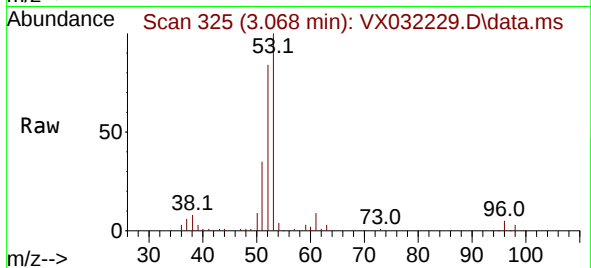
76 34.2 28.6 42.8





#15
Acrylonitrile
Concen: 101.067 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.005 min
Lab File: VX032229.D
Acq: 20 Oct 2022 00:19

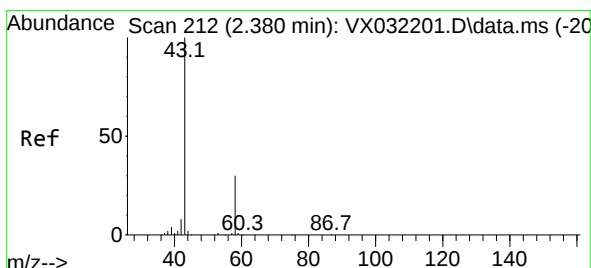
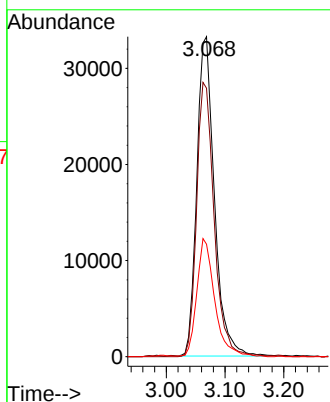
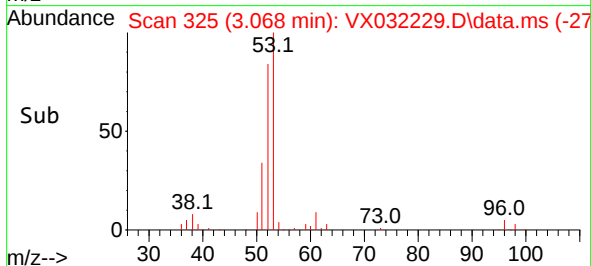
Instrument :
MSVOA_X
ClientSampleId :
VX1019WBSD02



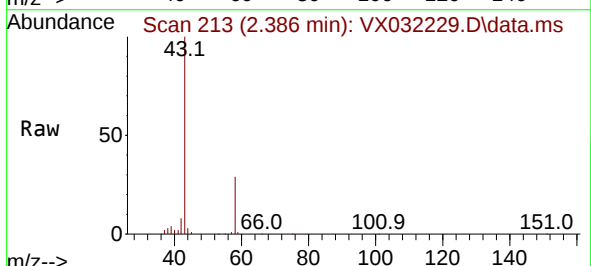
Tgt Ion: 53 Resp: 6903
Ion Ratio Lower Upper
53 100
52 85.7 65.9 98.9
51 37.8 29.7 44.5

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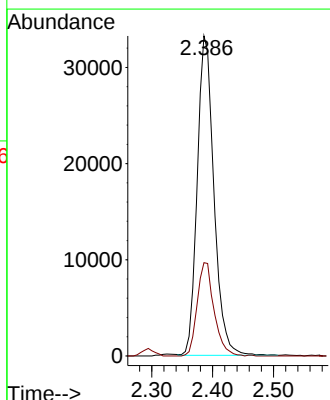
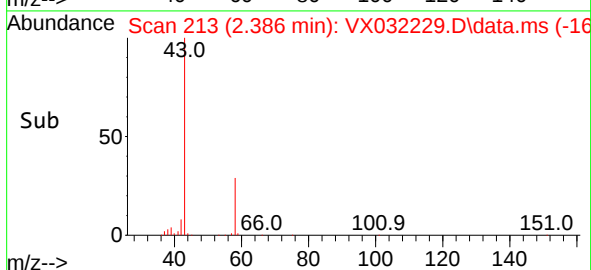
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

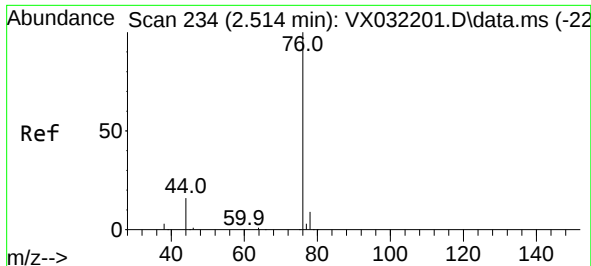


#16
Acetone
Concen: 106.854 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX032229.D
Acq: 20 Oct 2022 00:19



Tgt Ion: 43 Resp: 63153
Ion Ratio Lower Upper
43 100
58 29.2 24.2 36.2





#17

Carbon Disulfide

Concen: 19.898 ug/l

RT: 2.514 min Scan# 234

Delta R.T. -0.000 min

Lab File: VX032229.D

Acq: 20 Oct 2022 00:19

Instrument :

MSVOA_X

ClientSampleId :

VX1019WBSD02

Tgt Ion: 76 Resp: 58210

Ion Ratio Lower Upper

76 100

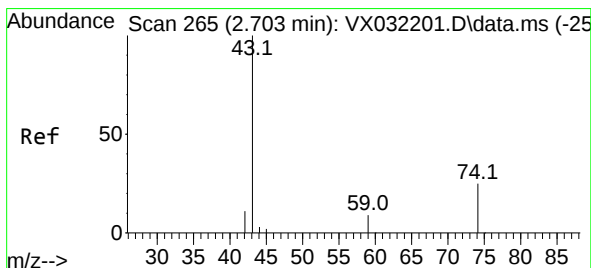
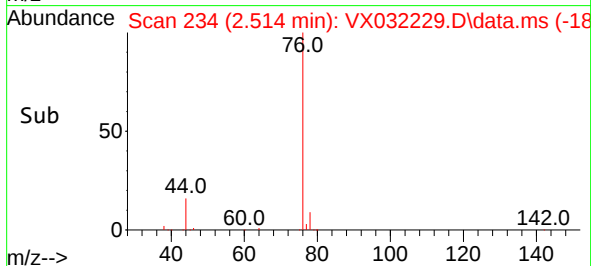
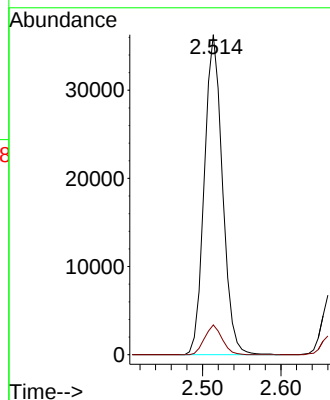
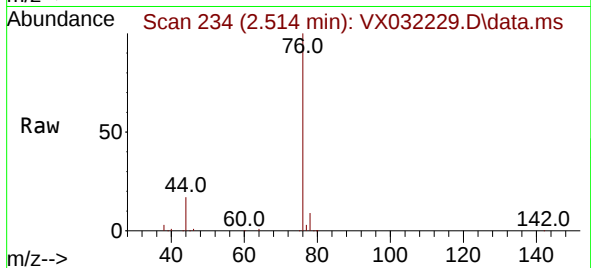
78 9.3 7.6 11.4

Manual Integrations

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Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#18

Methyl Acetate

Concen: 21.227 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX032229.D

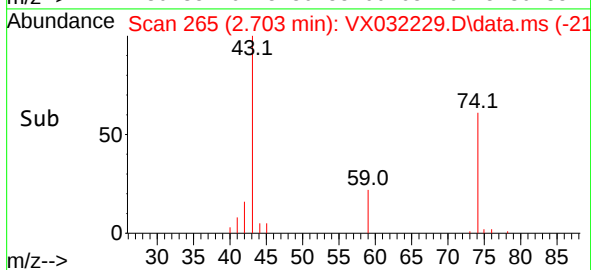
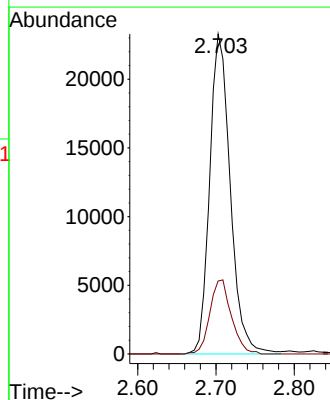
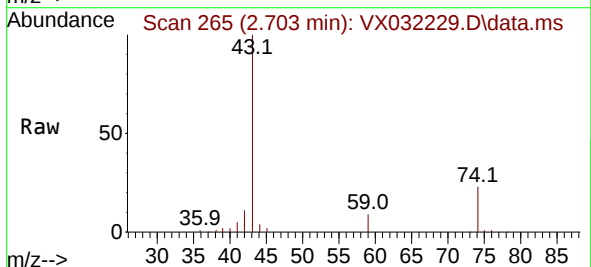
Acq: 20 Oct 2022 00:19

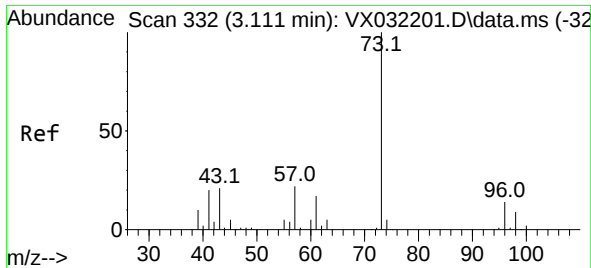
Tgt Ion: 43 Resp: 42592

Ion Ratio Lower Upper

43 100

74 24.1 19.8 29.8





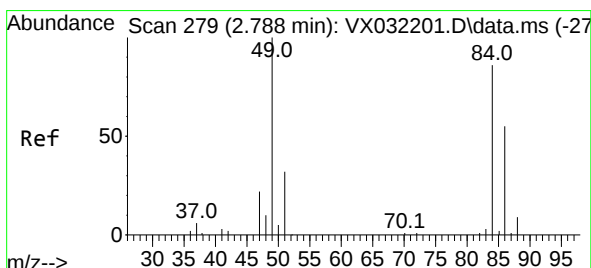
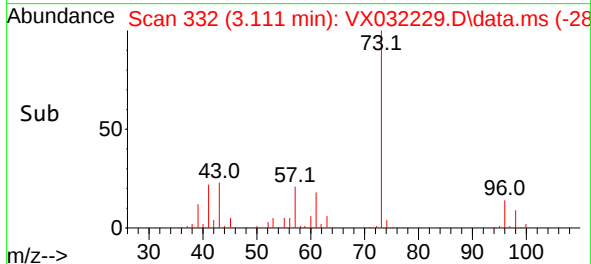
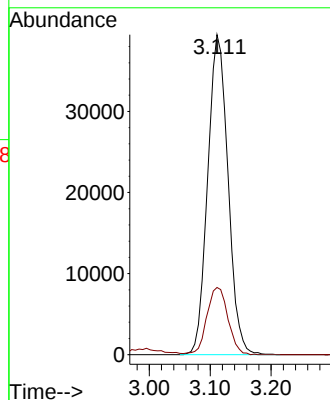
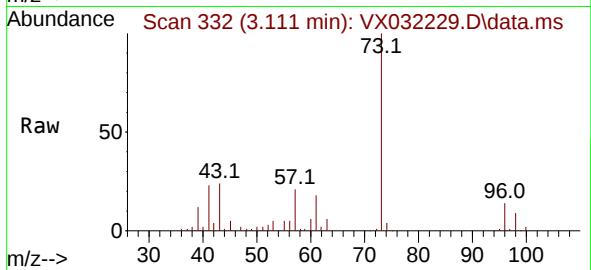
#19
Methyl tert-butyl Ether
Concen: 21.226 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX032229.D
Acq: 20 Oct 2022 00:19

Instrument :
MSVOA_X
ClientSampleId :
VX1019WBSD02

Tgt Ion: 73 Resp: 91398
Ion Ratio Lower Upper
73 100
57 21.0 17.4 26.2

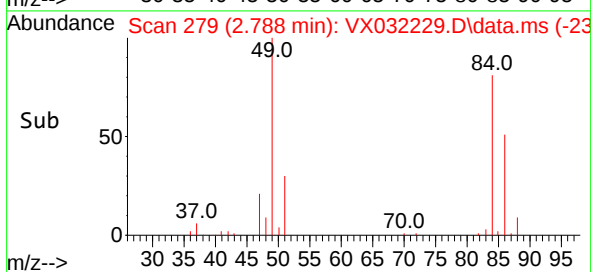
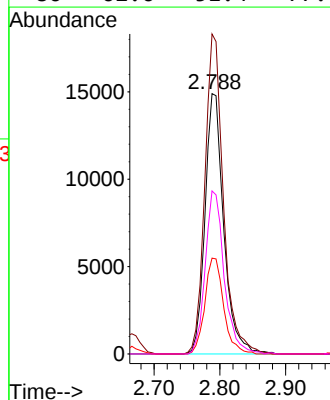
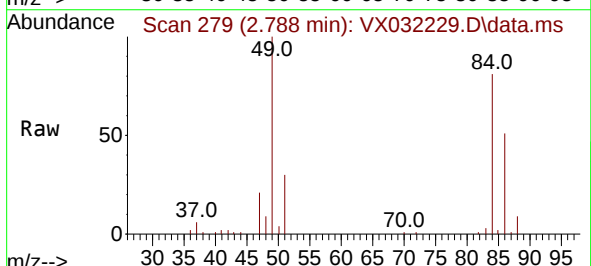
Manual Integrations
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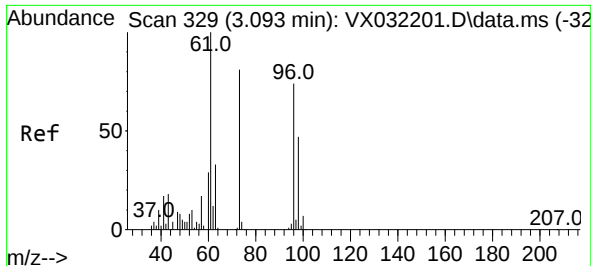
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#20
Methylene Chloride
Concen: 19.448 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX032229.D
Acq: 20 Oct 2022 00:19

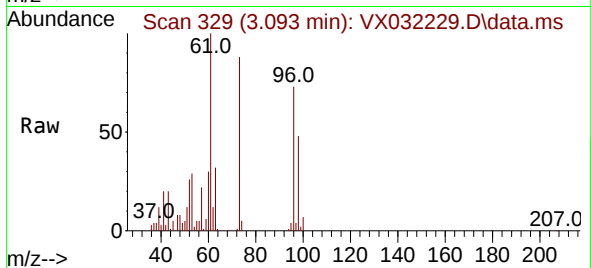
Tgt Ion: 84 Resp: 29513
Ion Ratio Lower Upper
84 100
49 122.9 92.6 139.0
51 36.9 29.2 43.8
86 62.6 51.4 77.0





#21
trans-1,2-Dichloroethene
Concen: 20.761 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX032229.D
Acq: 20 Oct 2022 00:19

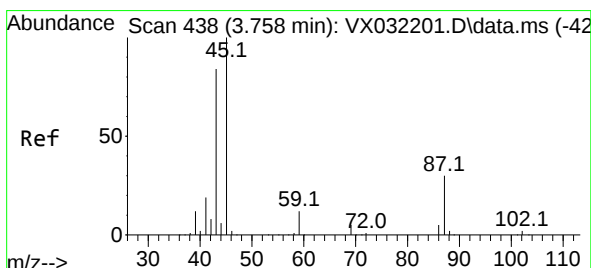
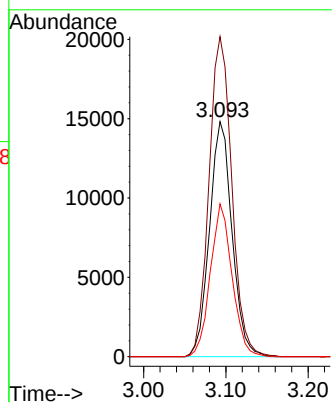
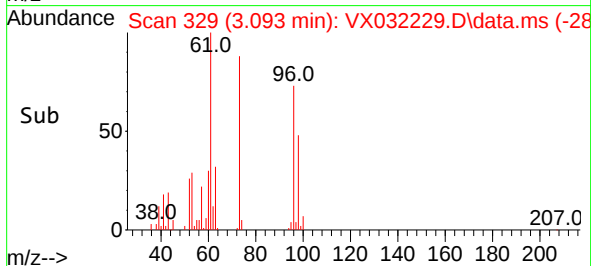
Instrument :
MSVOA_X
ClientSampleId :
VX1019WBSD02



Tgt Ion: 96 Resp: 2825
Ion Ratio Lower Upper
96 100
61 136.1 107.7 161.5
98 65.0 50.2 75.4

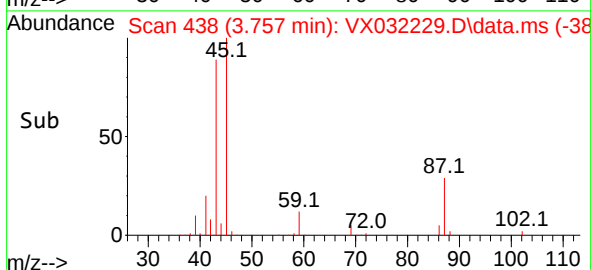
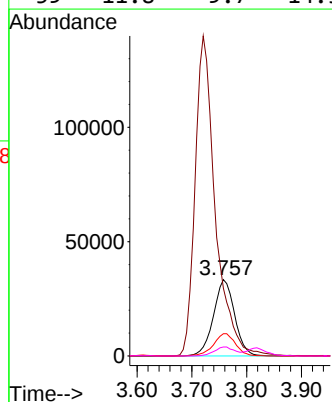
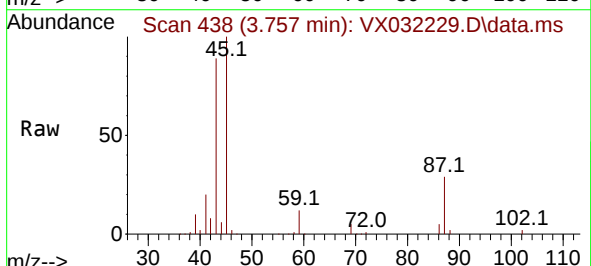
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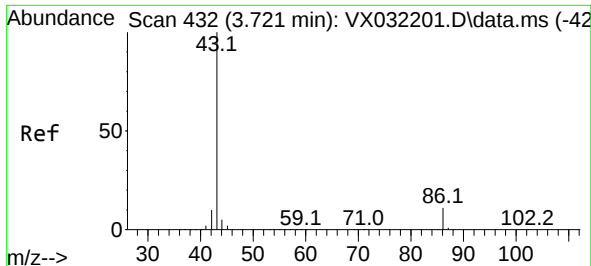
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#22
Diisopropyl ether
Concen: 20.826 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.001 min
Lab File: VX032229.D
Acq: 20 Oct 2022 00:19

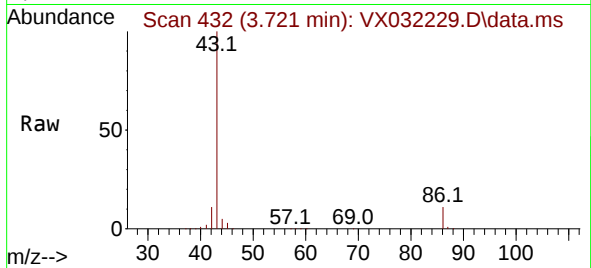
Tgt Ion: 45 Resp: 89505
Ion Ratio Lower Upper
45 100
43 87.6 67.5 101.3
87 29.1 24.0 36.0
59 11.8 9.7 14.5





#23
 Vinyl Acetate
 Concen: 104.894 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX032229.D
 Acq: 20 Oct 2022 00:19

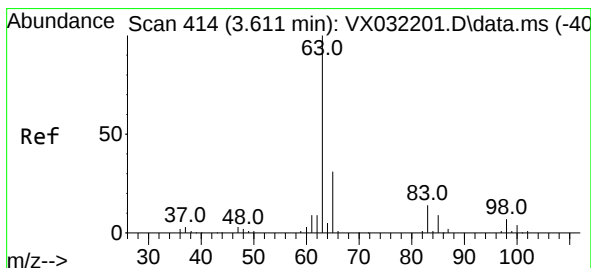
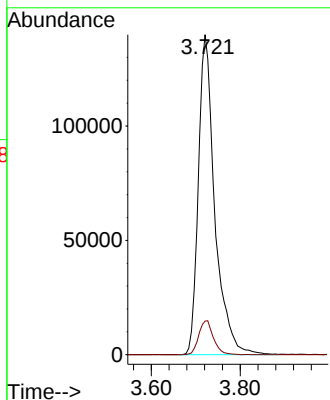
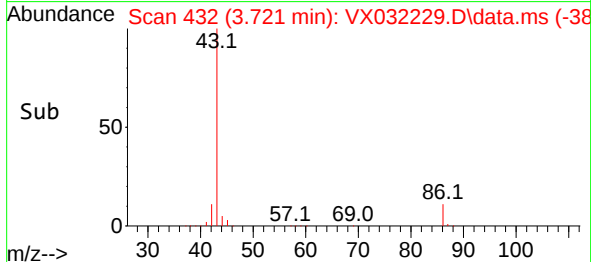
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1019WBSD02



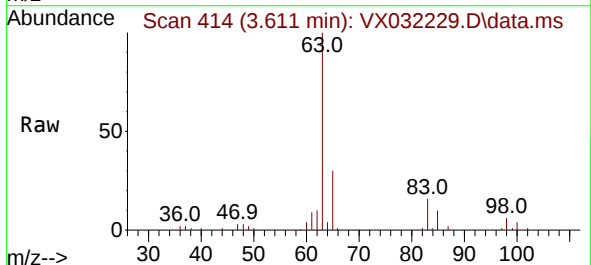
Tgt Ion: 43 Resp: 360309
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.6 13.0

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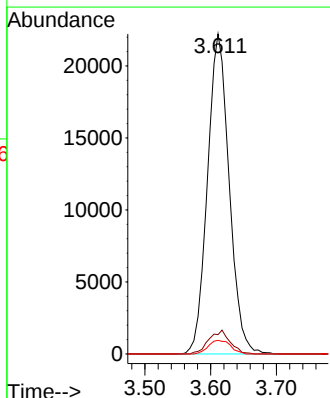
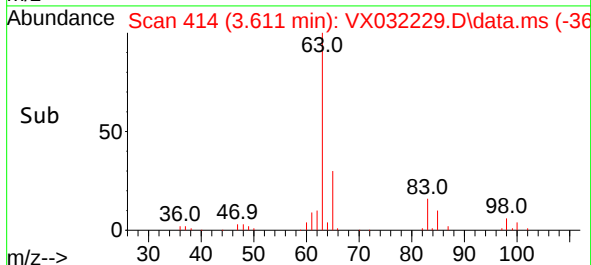
Reviewed By :John Carlone 10/20/2022
 Supervised By :Mahesh Dadoda 10/20/2022

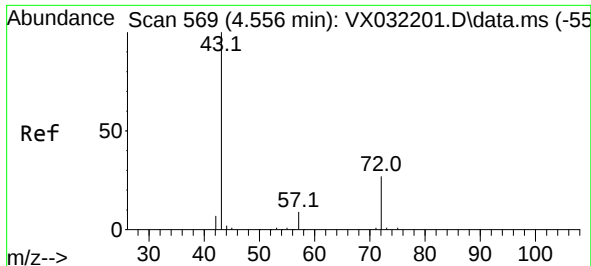


#24
 1,1-Dichloroethane
 Concen: 20.581 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX032229.D
 Acq: 20 Oct 2022 00:19



Tgt Ion: 63 Resp: 51106
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.6 10.9
 100 4.3 2.1 6.3





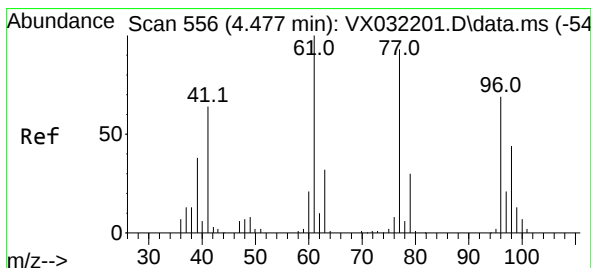
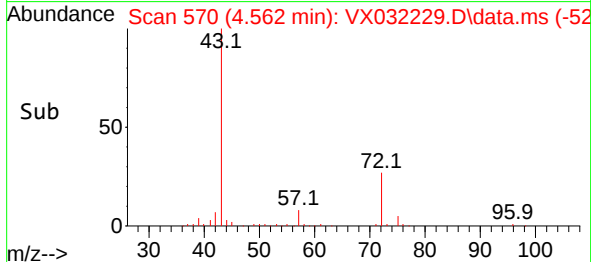
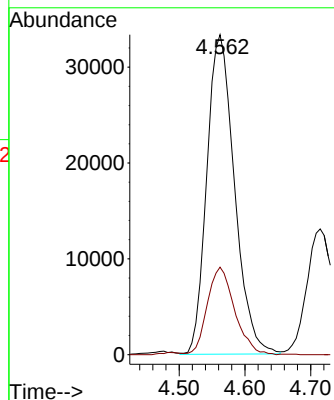
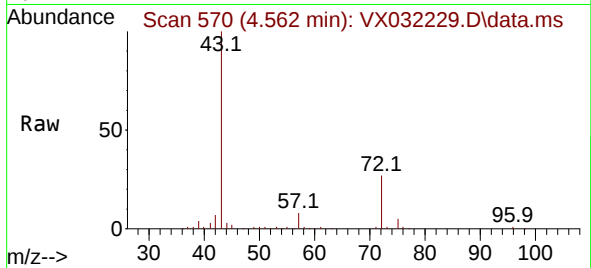
#25
2-Butanone
Concen: 105.751 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX032229.D
Acq: 20 Oct 2022 00:19

Instrument :
MSVOA_X
ClientSampleId :
VX1019WBSD02

Tgt Ion: 43 Resp: 9758
Ion Ratio Lower Upper
43 100
72 27.3 21.7 32.5

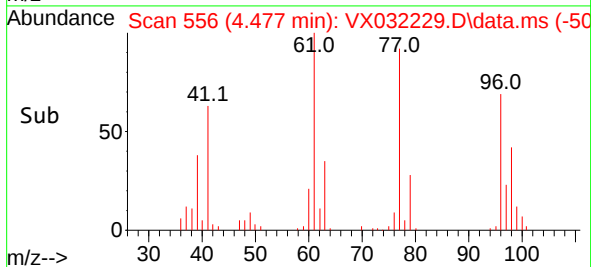
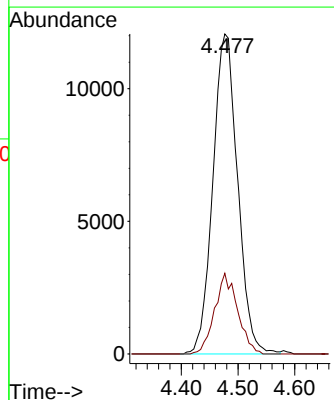
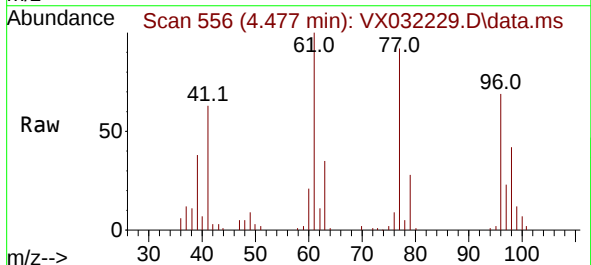
Manual Integrations
APPROVED

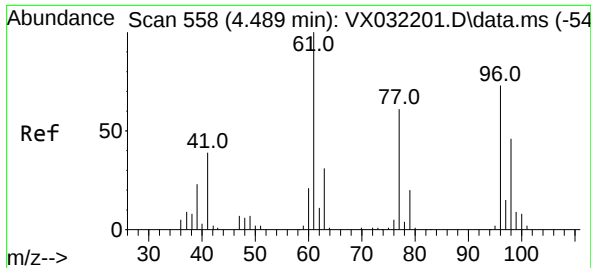
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#26
2,2-Dichloropropane
Concen: 20.434 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX032229.D
Acq: 20 Oct 2022 00:19

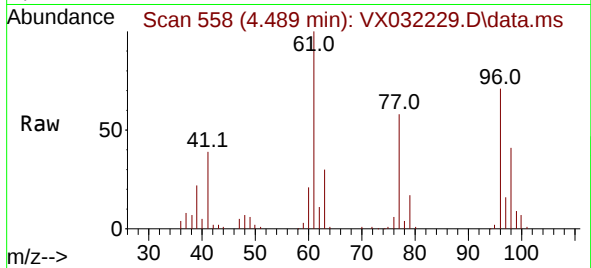
Tgt Ion: 77 Resp: 36557
Ion Ratio Lower Upper
77 100
97 23.3 11.8 35.3





#27
 cis-1,2-Dichloroethene
 Concen: 20.645 ug/l
 RT: 4.489 min Scan# 558
 Delta R.T. -0.000 min
 Lab File: VX032229.D
 Acq: 20 Oct 2022 00:19

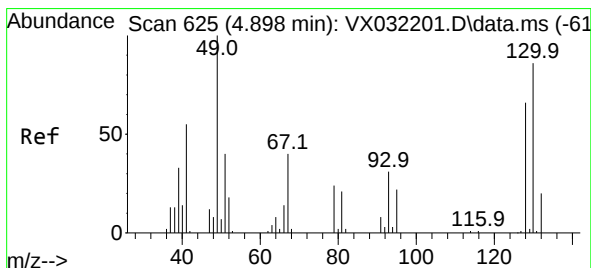
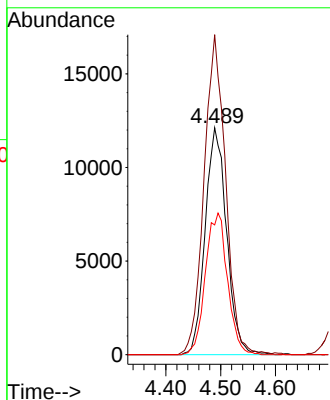
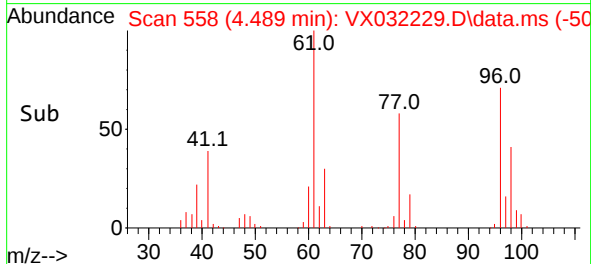
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1019WBSD02



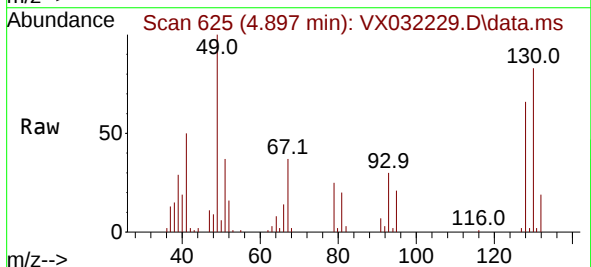
Tgt Ion: 96 Resp: 3289
 Ion Ratio Lower Upper
 96 100
 61 141.5 0.0 279.2
 98 64.2 0.0 128.0

Manual Integrations
 APPROVED

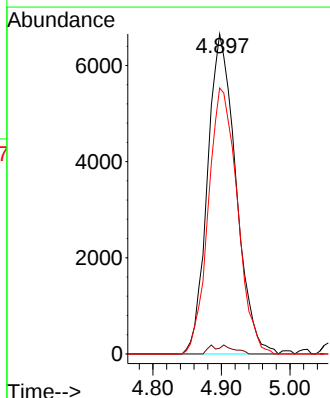
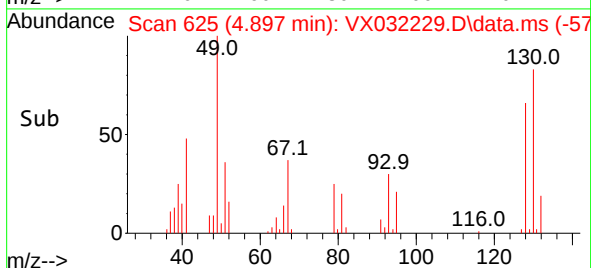
Reviewed By :John Carlone 10/20/2022
 Supervised By :Mahesh Dadoda 10/20/2022

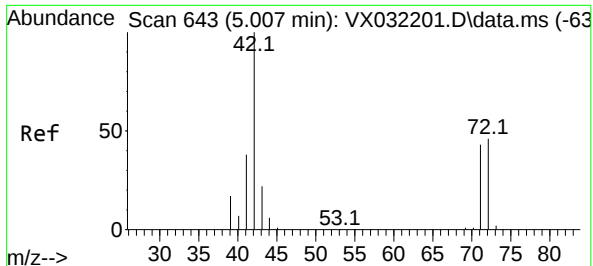


#28
 Bromochloromethane
 Concen: 18.708 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. -0.001 min
 Lab File: VX032229.D
 Acq: 20 Oct 2022 00:19



Tgt Ion: 49 Resp: 19166
 Ion Ratio Lower Upper
 49 100
 129 0.8 0.0 4.8
 130 85.1 68.3 102.5





#29

Tetrahydrofuran

Concen: 103.137 ug/l

RT: 5.013 min Scan# 643

Delta R.T. 0.006 min

Lab File: VX032229.D

Acq: 20 Oct 2022 00:19

Instrument :

MSVOA_X

ClientSampleId :

VX1019WBSD02

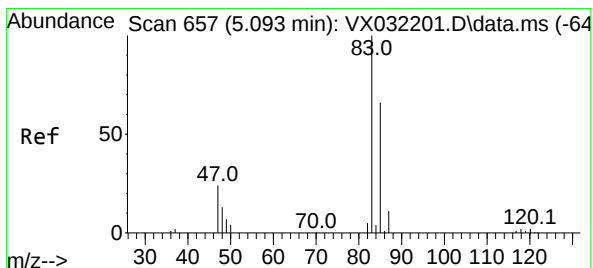
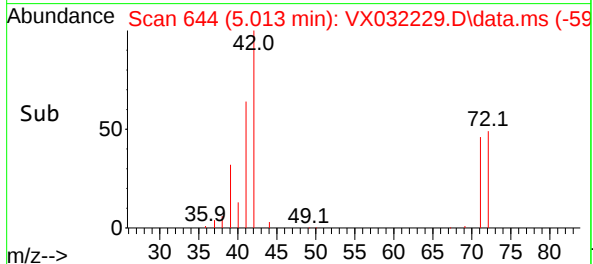
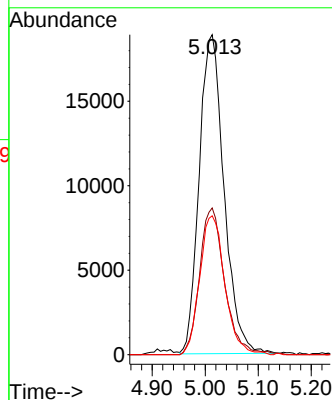
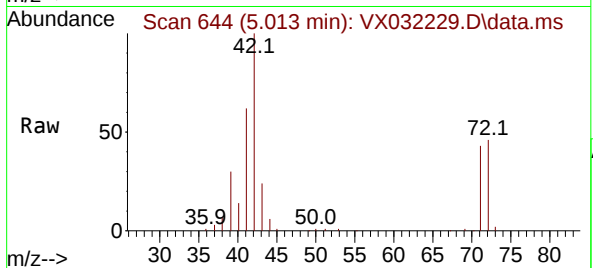
Tgt Ion: 42 Resp: 6146
 Ion Ratio Lower Upper
 42 100
 72 46.4 37.5 56.3
 71 44.0 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#30

Chloroform

Concen: 20.849 ug/l

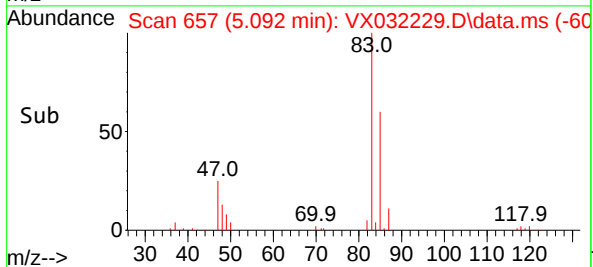
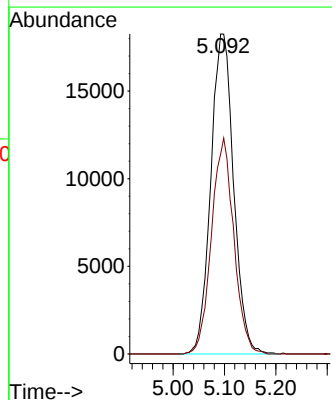
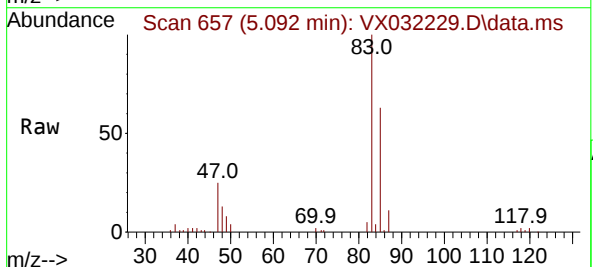
RT: 5.092 min Scan# 657

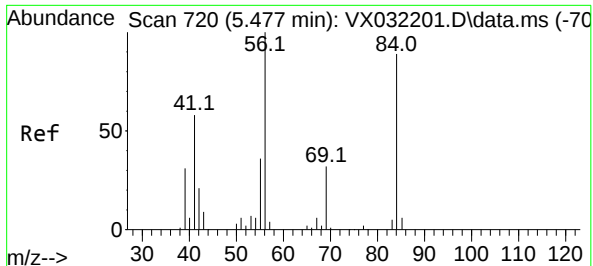
Delta R.T. -0.001 min

Lab File: VX032229.D

Acq: 20 Oct 2022 00:19

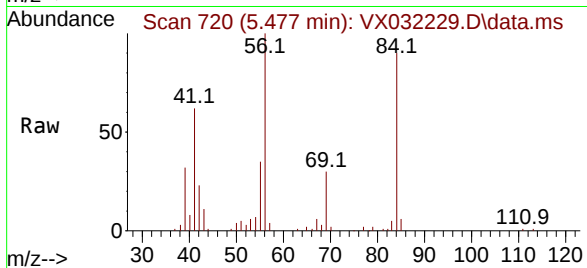
Tgt Ion: 83 Resp: 56348
 Ion Ratio Lower Upper
 83 100
 85 62.5 52.5 78.7





#31
Cyclohexane
Concen: 21.236 ug/l
RT: 5.477 min Scan# 720
Delta R.T. -0.000 min
Lab File: VX032229.D
Acq: 20 Oct 2022 00:19

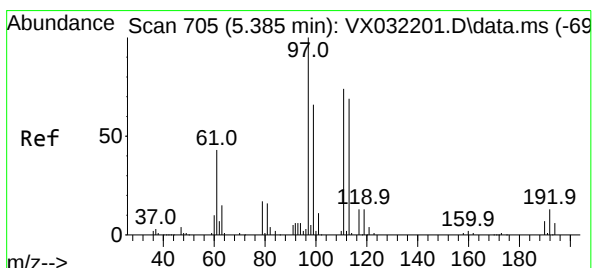
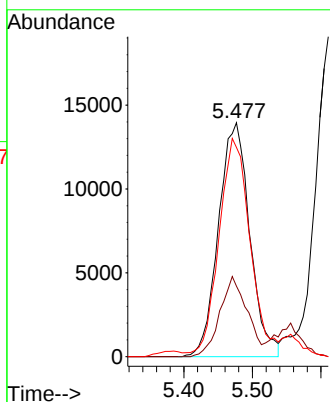
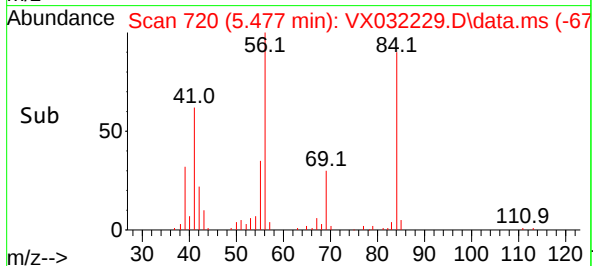
Instrument :
MSVOA_X
ClientSampleId :
VX1019WBSD02



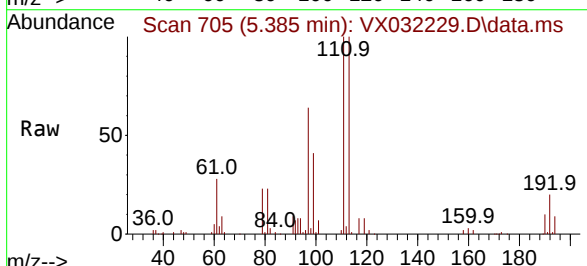
Tgt Ion: 56 Resp: 4421
Ion Ratio Lower Upper
56 100
69 30.2 25.4 38.0
84 87.4 71.2 106.8

Manual Integrations
APPROVED

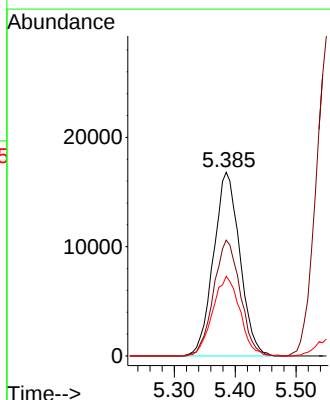
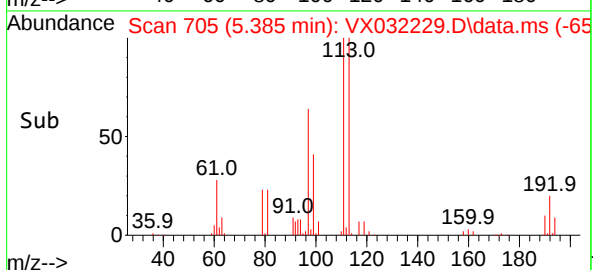
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

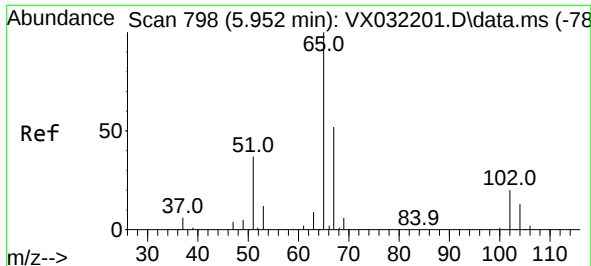


#32
1,1,1-Trichloroethane
Concen: 21.902 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032229.D
Acq: 20 Oct 2022 00:19



Tgt Ion: 97 Resp: 50479
Ion Ratio Lower Upper
97 100
99 63.6 51.8 77.8
61 44.9 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 53.444 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX032229.D

Acq: 20 Oct 2022 00:19

Instrument :

MSVOA_X

ClientSampleId :

VX1019WBSD02

Tgt Ion: 65 Resp: 97334

Ion Ratio Lower Upper

65 100

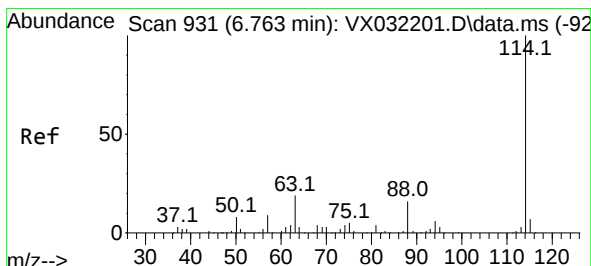
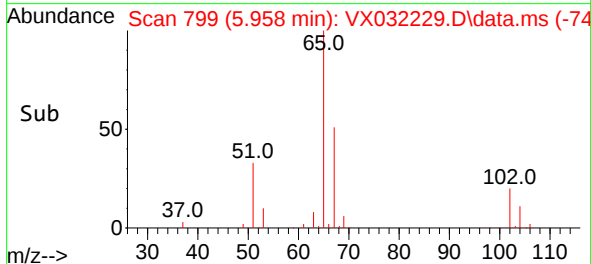
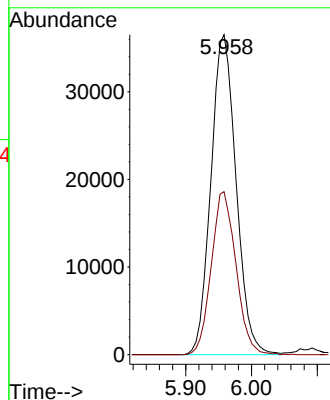
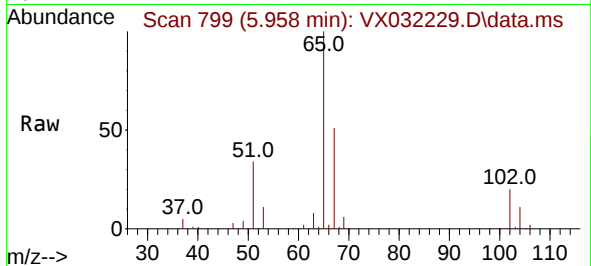
67 49.9 0.0 103.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX032229.D

Acq: 20 Oct 2022 00:19

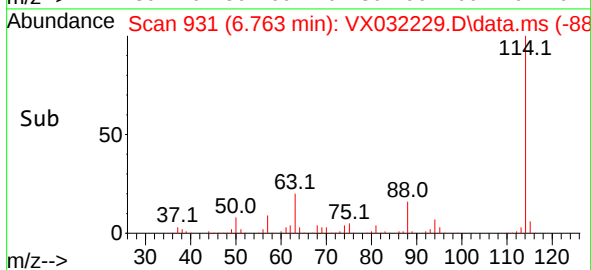
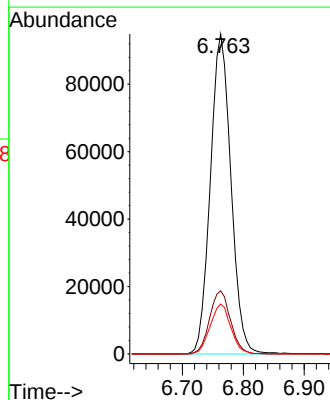
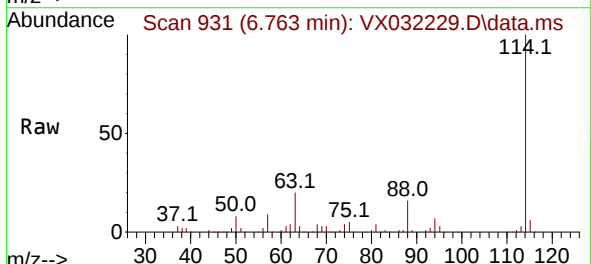
Tgt Ion:114 Resp: 222611

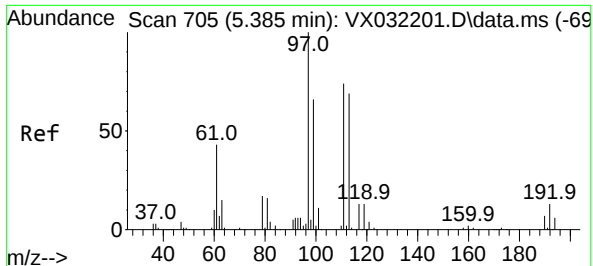
Ion Ratio Lower Upper

114 100

63 19.7 0.0 38.6

88 15.6 0.0 32.6





#35

Dibromofluoromethane

Concen: 49.570 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX032229.D

Acq: 20 Oct 2022 00:19

Instrument :

MSVOA_X

ClientSampleId :

VX1019WBSD02

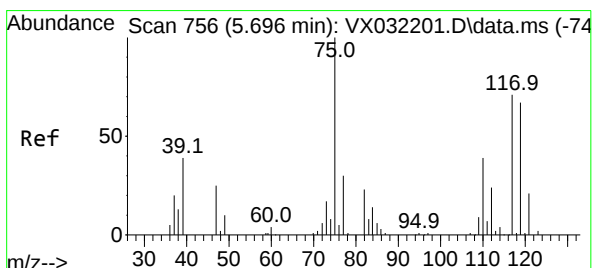
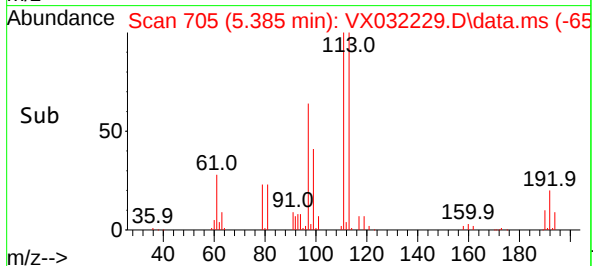
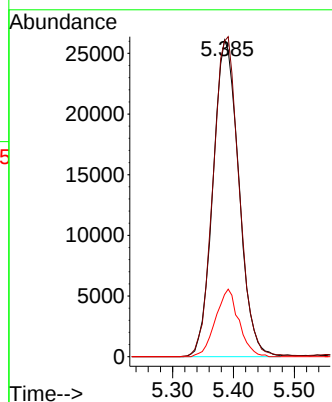
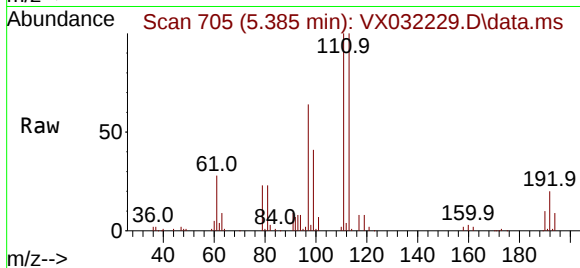
Tgt Ion:	113	Resp:	7678
Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.8	124.2
192	19.4	15.5	23.3

Manual Integrations

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Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#36

1,1-Dichloropropene

Concen: 20.386 ug/l

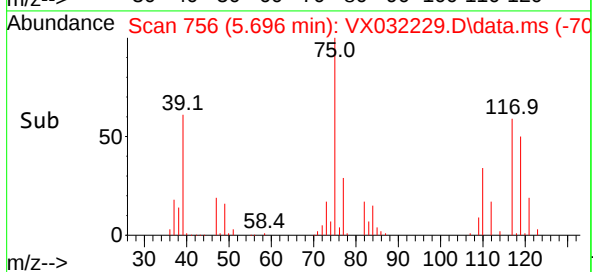
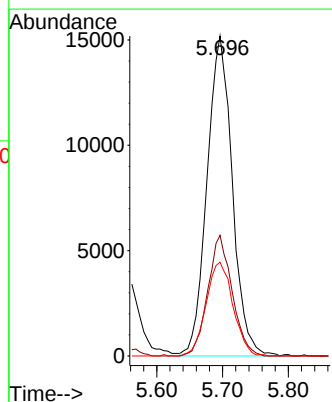
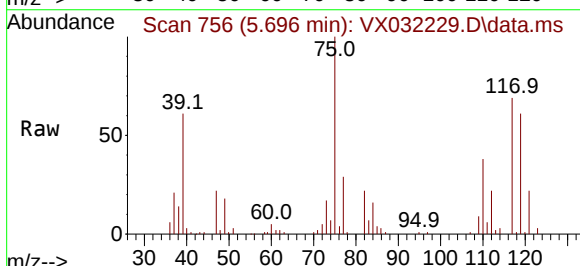
RT: 5.696 min Scan# 756

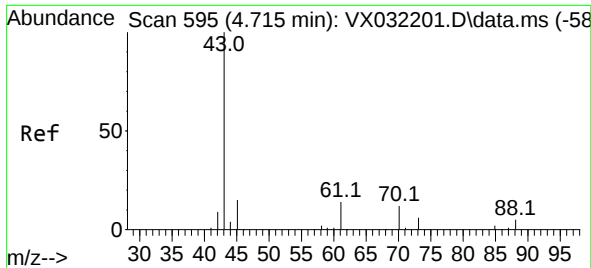
Delta R.T. 0.000 min

Lab File: VX032229.D

Acq: 20 Oct 2022 00:19

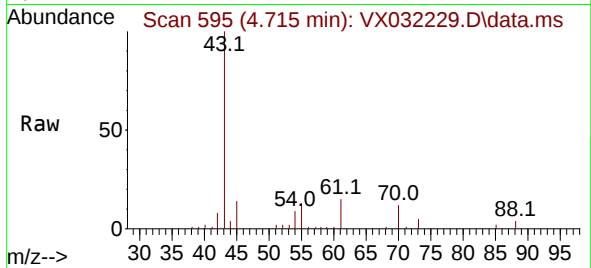
Tgt Ion:	75	Resp:	40622
Ion	Ratio	Lower	Upper
75	100		
110	36.3	18.4	55.0
77	31.2	24.7	37.1





#37
Ethyl Acetate
Concen: 19.702 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX032229.D
Acq: 20 Oct 2022 00:19

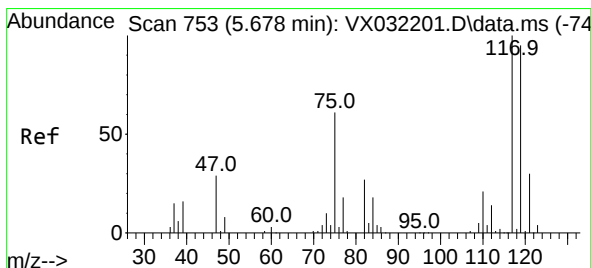
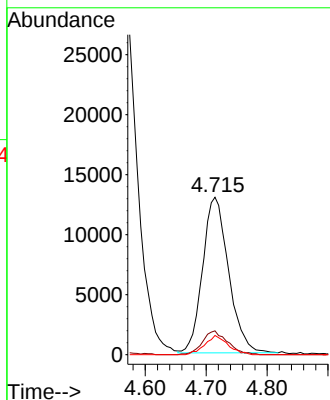
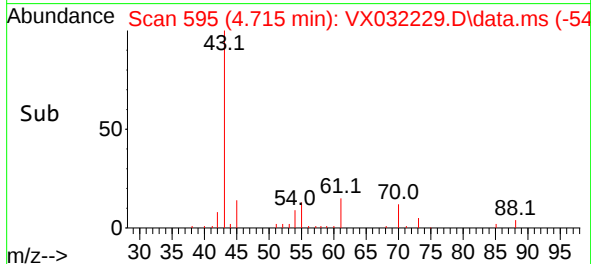
Instrument :
MSVOA_X
ClientSampleId :
VX1019WBSD02



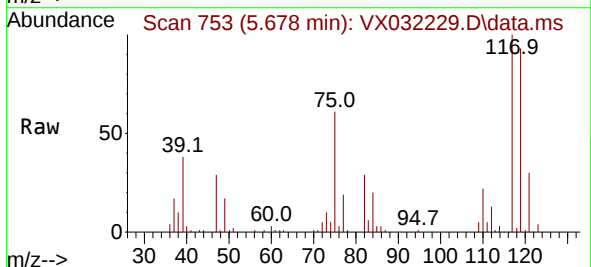
Tgt Ion: 43 Resp: 38440
Ion Ratio Lower Upper
43 100
61 14.8 11.4 17.2
70 10.8 8.8 13.2

Manual Integrations
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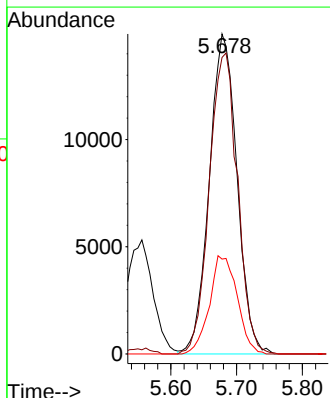
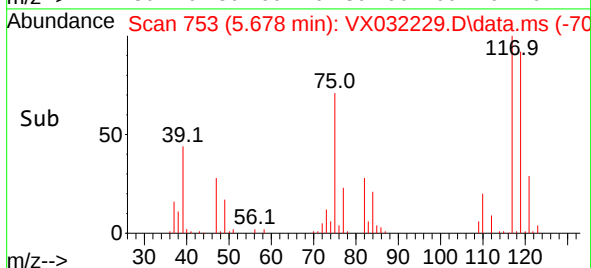
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

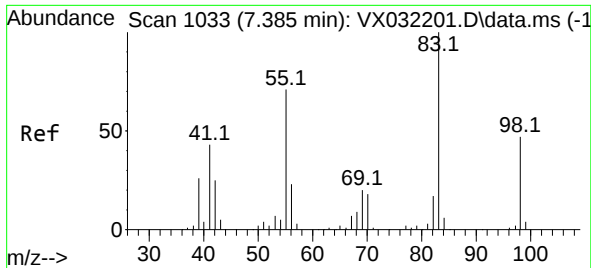


#38
Carbon Tetrachloride
Concen: 20.805 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX032229.D
Acq: 20 Oct 2022 00:19



Tgt Ion:117 Resp: 43764
Ion Ratio Lower Upper
117 100
119 92.7 75.4 113.0
121 29.6 23.9 35.9





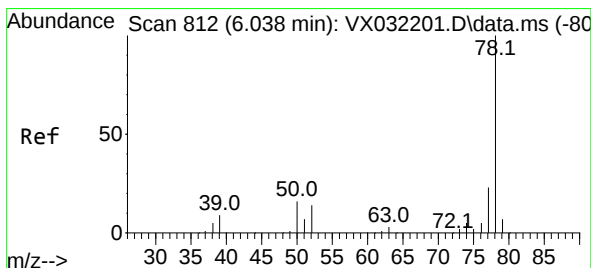
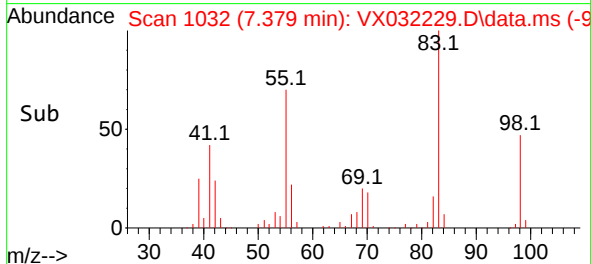
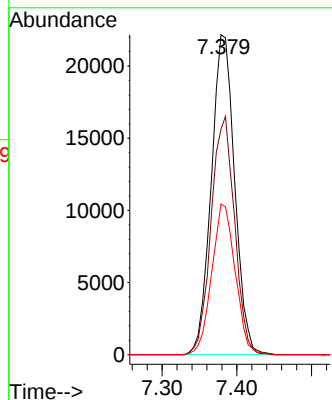
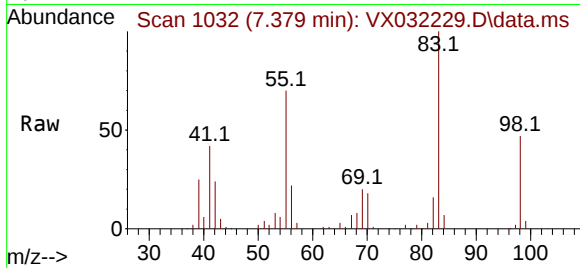
#39
Methylcyclohexane
Concen: 20.329 ug/l
RT: 7.379 min Scan# 1033
Delta R.T. -0.006 min
Lab File: VX032229.D
Acq: 20 Oct 2022 00:19

Instrument :
MSVOA_X
ClientSampleId :
VX1019WBSD02

Tgt Ion: 83 Resp: 4839
Ion Ratio Lower Upper
83 100
55 70.4 56.6 85.0
98 47.1 37.4 56.0

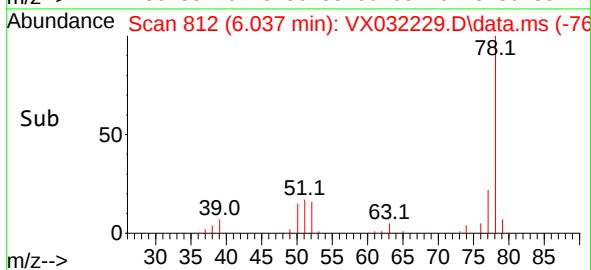
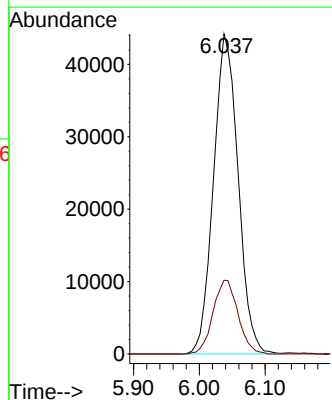
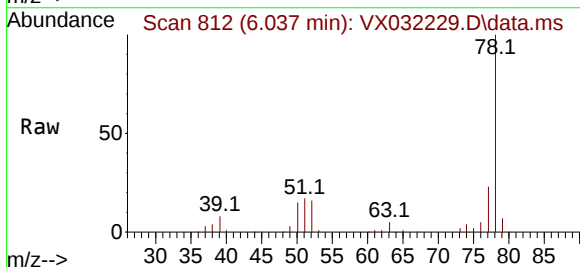
Manual Integrations
APPROVED

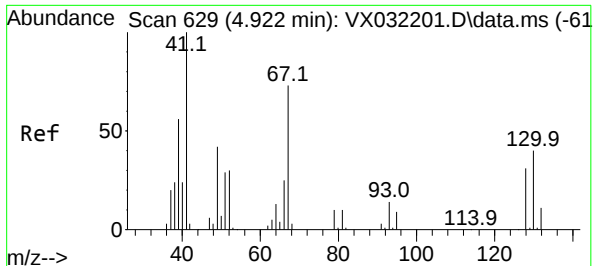
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#40
Benzene
Concen: 19.924 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.001 min
Lab File: VX032229.D
Acq: 20 Oct 2022 00:19

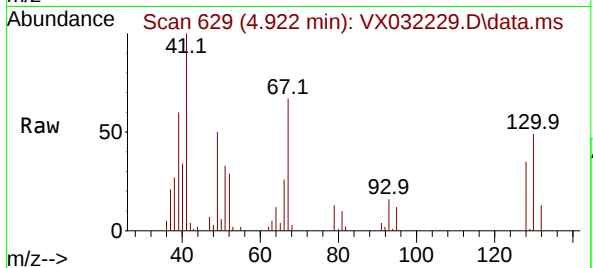
Tgt Ion: 78 Resp: 115070
Ion Ratio Lower Upper
78 100
77 23.1 18.6 27.8





#41
Methacrylonitrile
Concen: 20.784 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX032229.D
Acq: 20 Oct 2022 00:19

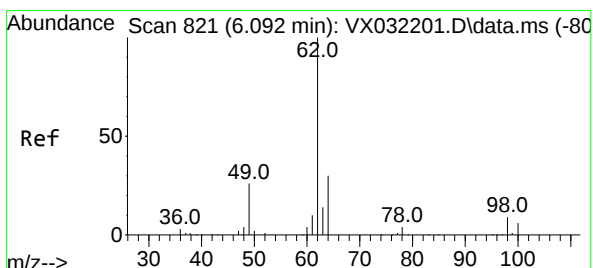
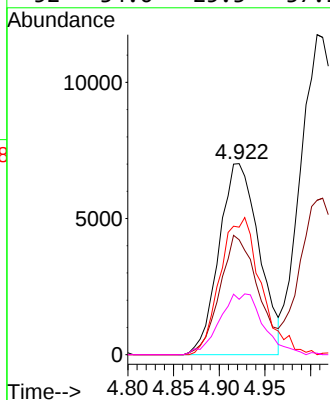
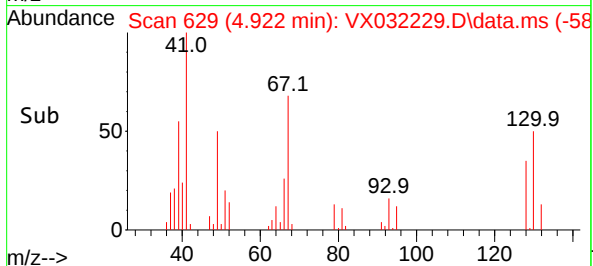
Instrument :
MSVOA_X
ClientSampleId :
VX1019WBSD02



Tgt Ion: 41 Resp: 2138
Ion Ratio Lower Upper
41 100
39 59.6 45.5 68.3
67 73.3 59.4 89.2
52 34.6 25.3 37.9

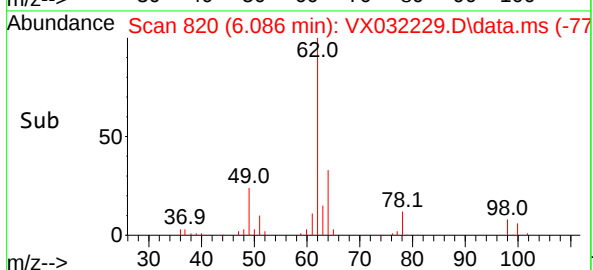
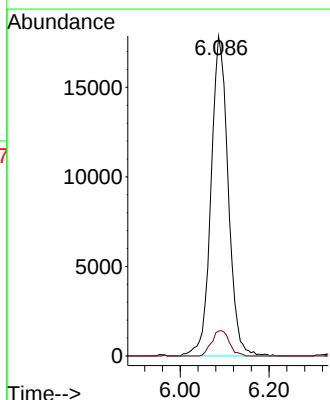
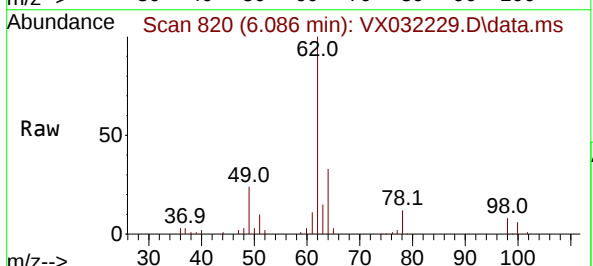
Manual Integrations
APPROVED

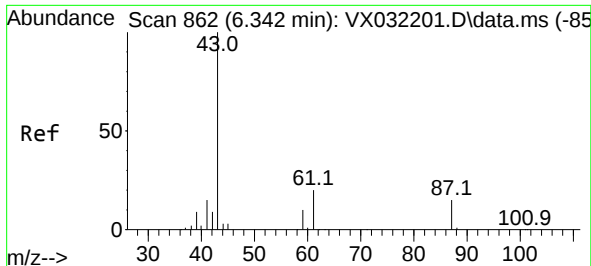
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#42
1,2-Dichloroethane
Concen: 21.663 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX032229.D
Acq: 20 Oct 2022 00:19

Tgt Ion: 62 Resp: 47923
Ion Ratio Lower Upper
62 100
98 8.1 0.0 17.4





#43

Isopropyl Acetate

Concen: 20.650 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX032229.D

Acq: 20 Oct 2022 00:19

Instrument :

MSVOA_X

ClientSampleId :

VX1019WBSD02

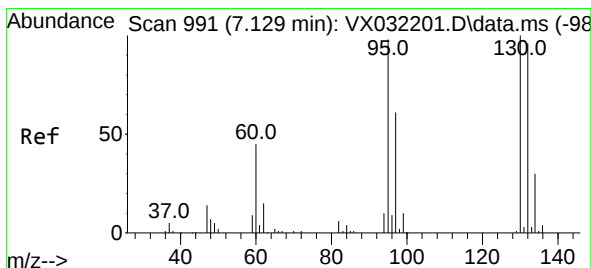
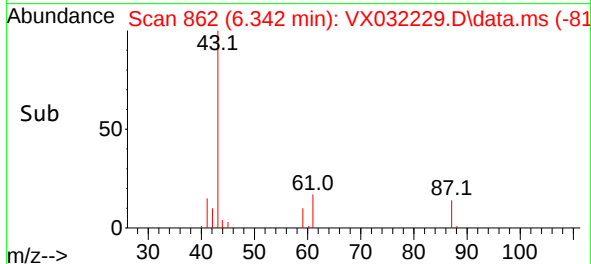
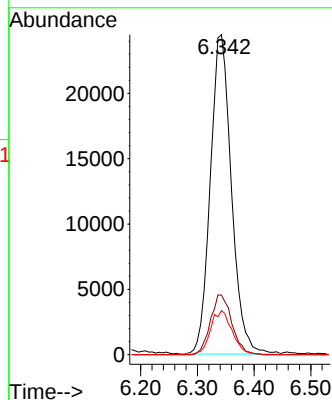
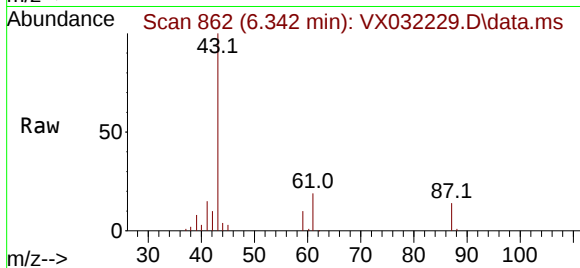
Tgt Ion:	43	Resp:	6323
Ion	Ratio	Lower	Upper
43	100		
61	19.0	15.5	23.3
87	14.1	11.0	16.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#44

Trichloroethene

Concen: 20.208 ug/l

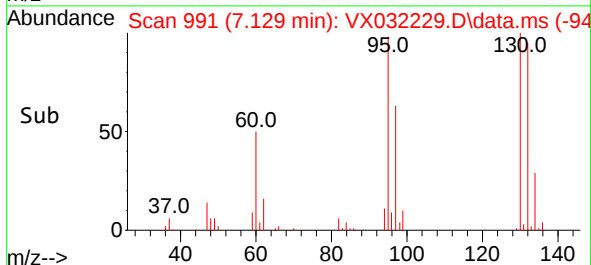
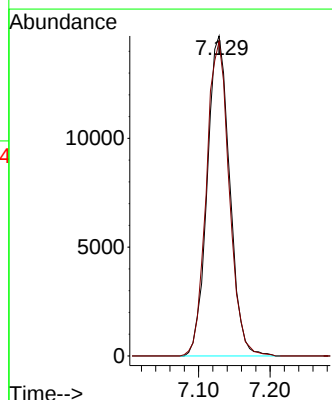
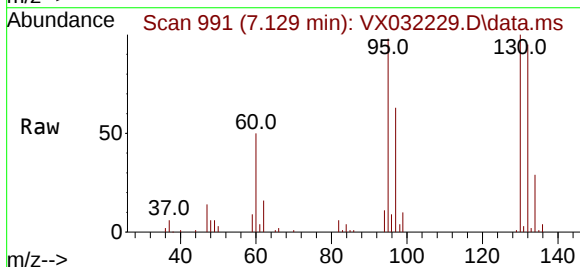
RT: 7.129 min Scan# 991

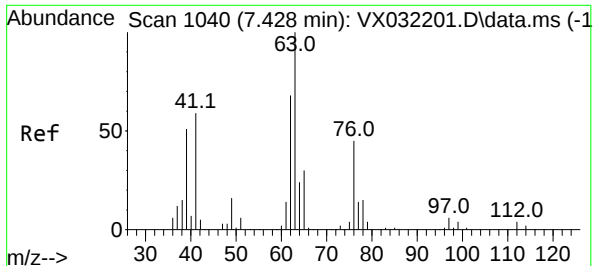
Delta R.T. -0.000 min

Lab File: VX032229.D

Acq: 20 Oct 2022 00:19

Tgt Ion:	130	Resp:	32138
Ion	Ratio	Lower	Upper
130	100		
95	98.3	0.0	196.8





#45

1,2-Dichloropropane

Concen: 20.293 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX032229.D

Acq: 20 Oct 2022 00:19

Instrument :

MSVOA_X

ClientSampleId :

VX1019WBSD02

Tgt Ion: 63 Resp: 2956

Ion Ratio Lower Upper

63 100

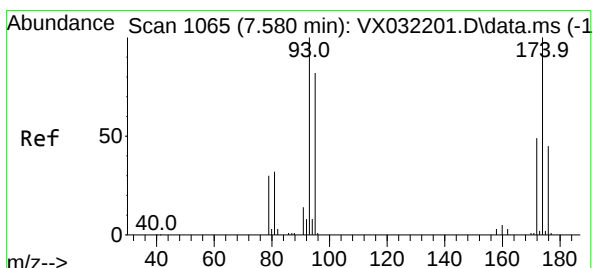
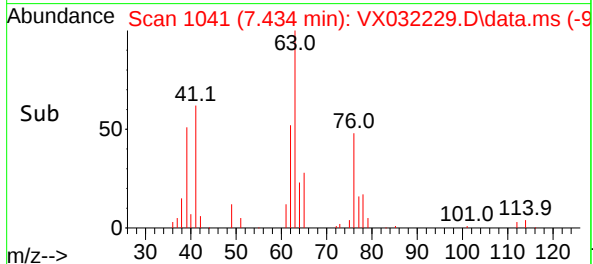
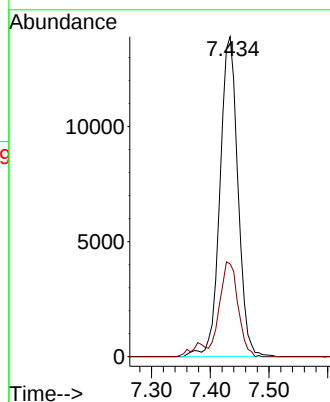
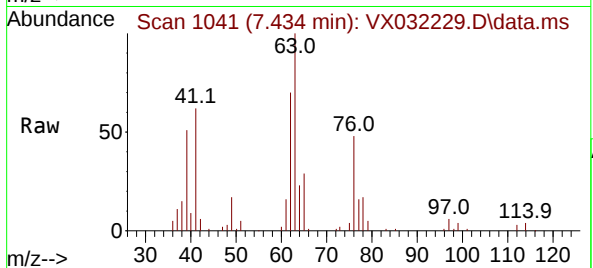
65 29.0 23.8 35.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#46

Dibromomethane

Concen: 20.509 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX032229.D

Acq: 20 Oct 2022 00:19

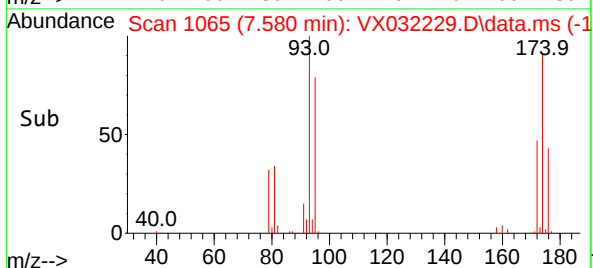
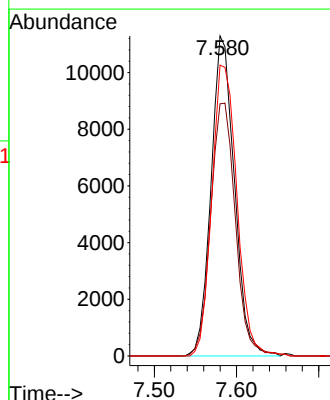
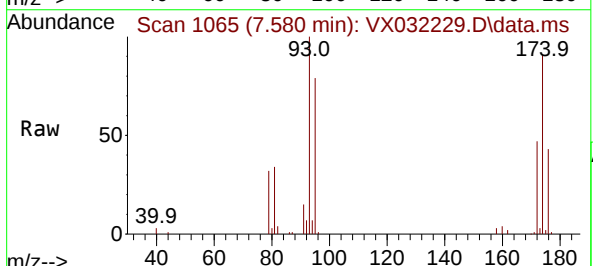
Tgt Ion: 93 Resp: 22286

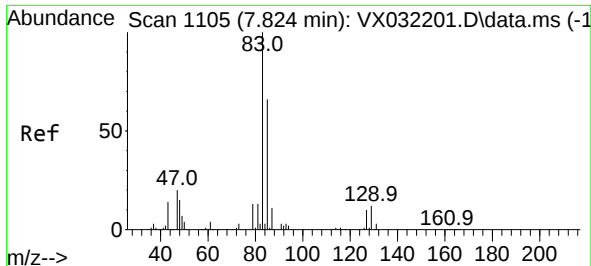
Ion Ratio Lower Upper

93 100

95 83.5 66.1 99.1

174 97.7 80.7 121.1





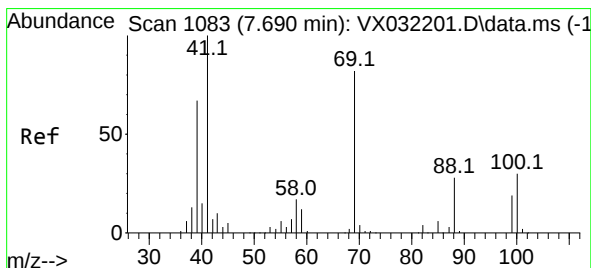
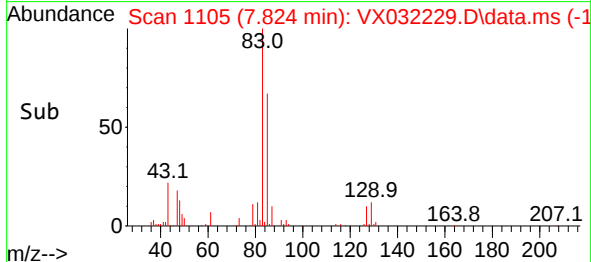
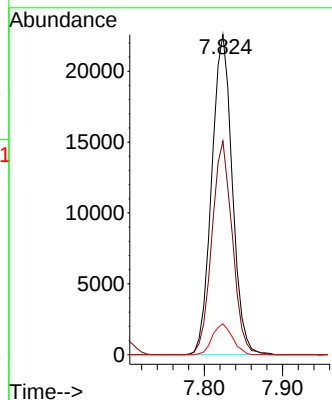
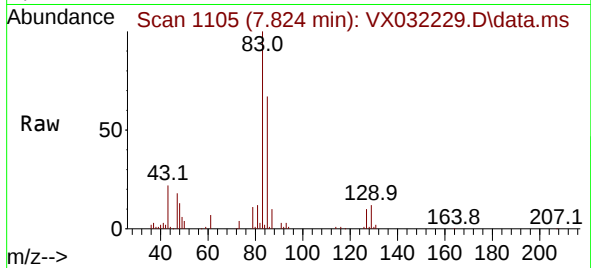
#47
Bromodichloromethane
Concen: 20.492 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX032229.D
Acq: 20 Oct 2022 00:19

Instrument :
MSVOA_X
ClientSampleId :
VX1019WBSD02

Tgt Ion: 83 Resp: 4113
Ion Ratio Lower Upper
83 100
85 66.8 53.0 79.6
127 9.7 7.8 11.8

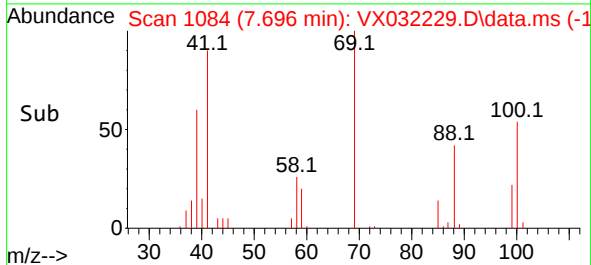
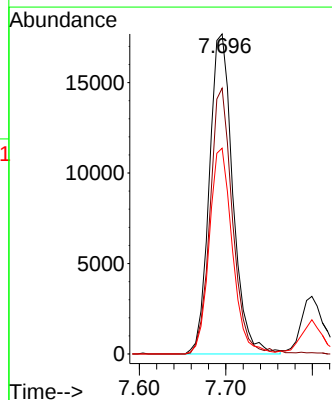
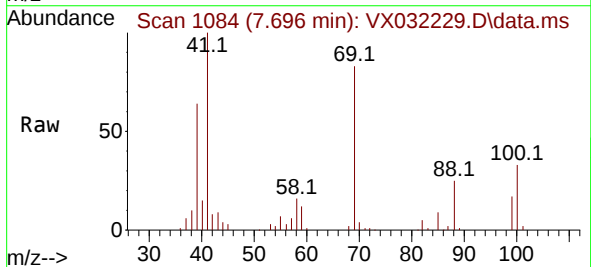
Manual Integrations
APPROVED

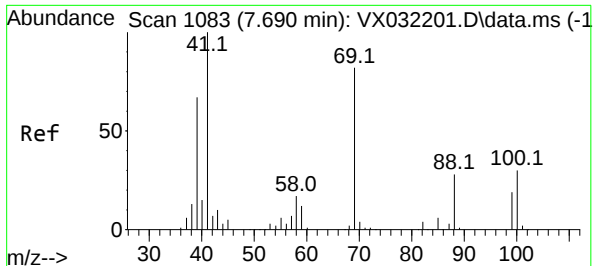
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#48
Methyl methacrylate
Concen: 21.834 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX032229.D
Acq: 20 Oct 2022 00:19

Tgt Ion: 41 Resp: 33344
Ion Ratio Lower Upper
41 100
69 79.5 67.3 100.9
39 63.2 53.8 80.8





#49

1,4-Dioxane

Concen: 435.122 ug/l

RT: 7.696 min Scan# 1083

Delta R.T. 0.006 min

Lab File: VX032229.D

Acq: 20 Oct 2022 00:19

Instrument :

MSVOA_X

ClientSampleId :

VX1019WBSD02

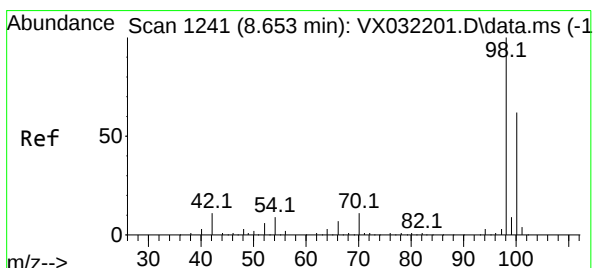
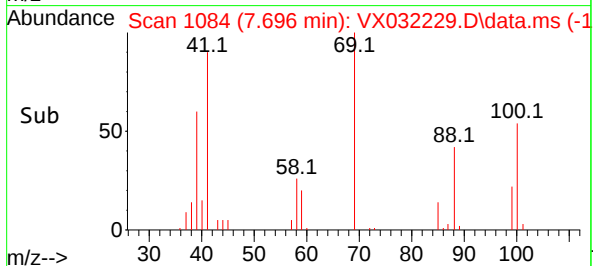
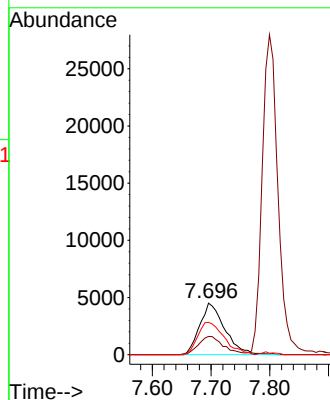
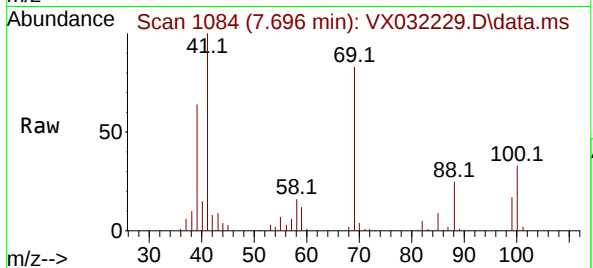
Tgt Ion: 88 Resp: 13330
 Ion Ratio Lower Upper
 88 100
 43 35.2 26.9 40.3
 58 66.0 50.7 76.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#50

Toluene-d8

Concen: 49.583 ug/l

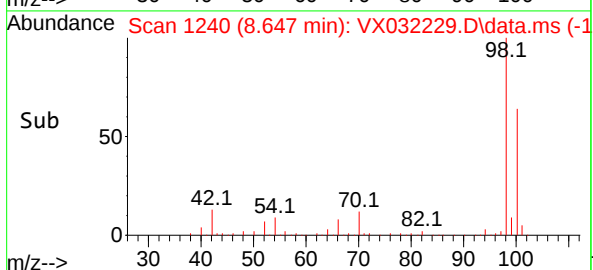
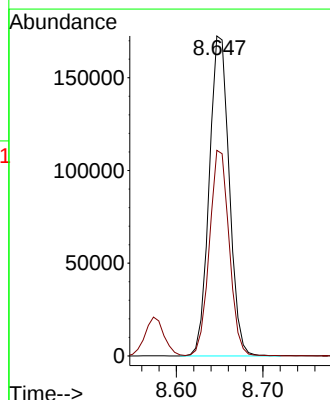
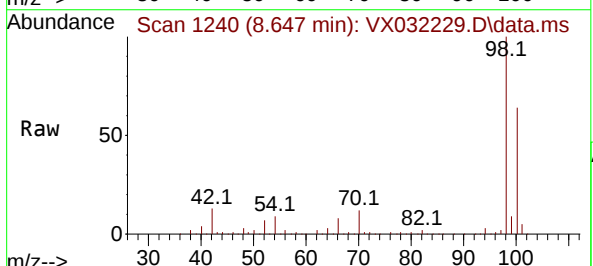
RT: 8.647 min Scan# 1240

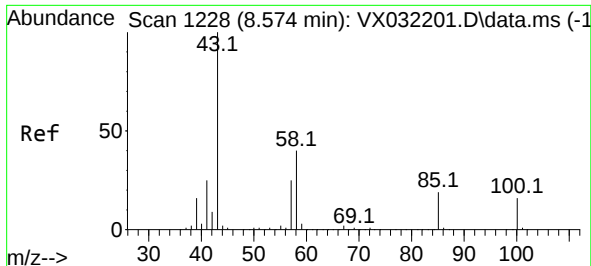
Delta R.T. -0.006 min

Lab File: VX032229.D

Acq: 20 Oct 2022 00:19

Tgt Ion: 98 Resp: 276486
 Ion Ratio Lower Upper
 98 100
 100 63.3 50.7 76.1





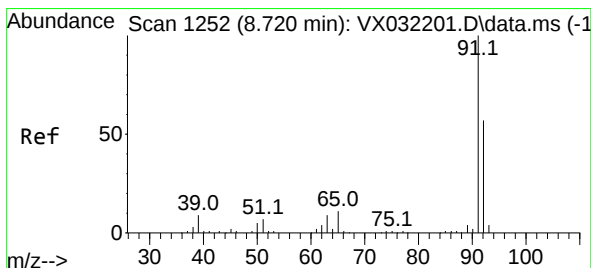
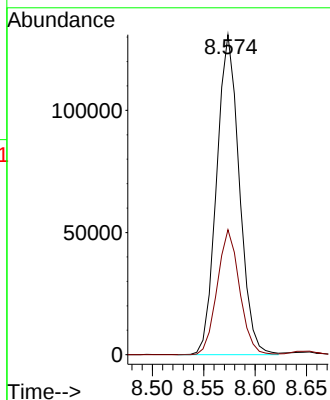
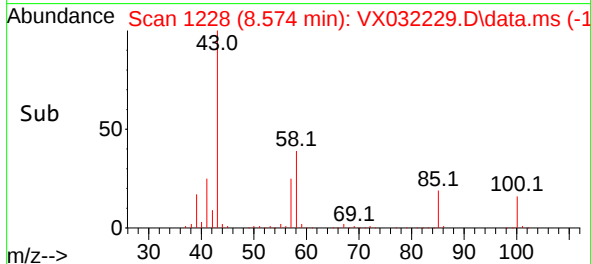
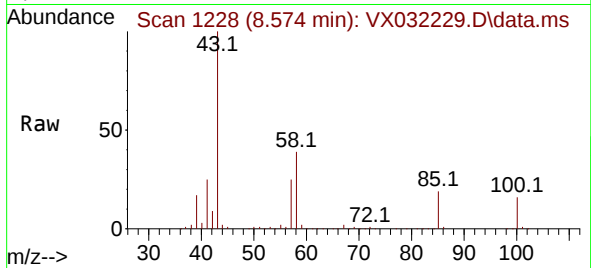
#51
4-Methyl-2-Pentanone
Concen: 104.772 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX032229.D
Acq: 20 Oct 2022 00:19

Instrument :
MSVOA_X
ClientSampleId :
VX1019WBSD02

Tgt Ion: 43 Resp: 20111
Ion Ratio Lower Upper
43 100
58 38.4 31.0 46.4

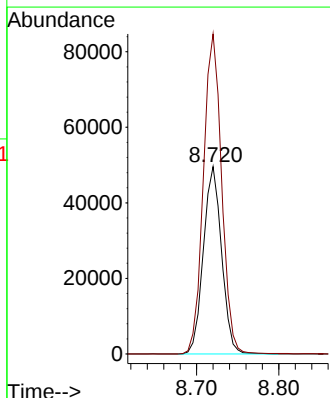
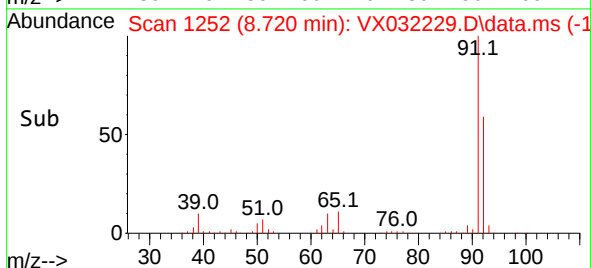
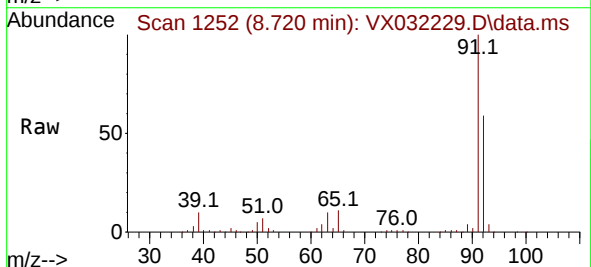
Manual Integrations
APPROVED

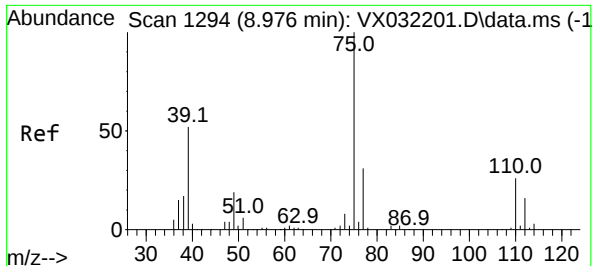
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#52
Toluene
Concen: 20.348 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX032229.D
Acq: 20 Oct 2022 00:19

Tgt Ion: 92 Resp: 76127
Ion Ratio Lower Upper
92 100
91 171.8 140.3 210.5





#53

t-1,3-Dichloropropene

Concen: 19.346 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX032229.D

Acq: 20 Oct 2022 00:19

Instrument :

MSVOA_X

ClientSampleId :

VX1019WBSD02

Tgt Ion: 75 Resp: 4114

Ion Ratio Lower Upper

75 100

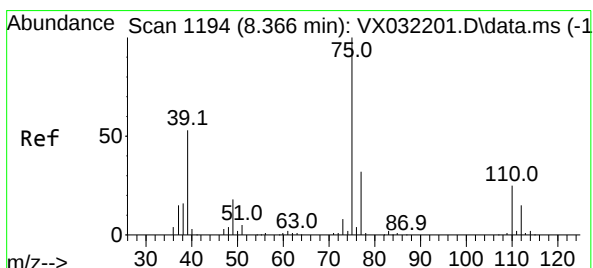
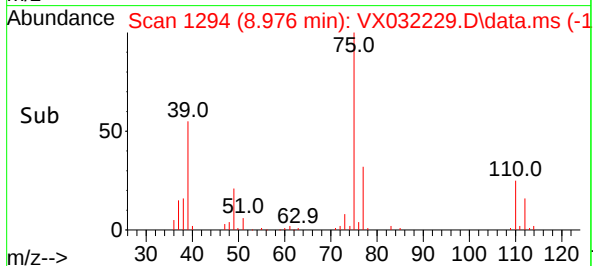
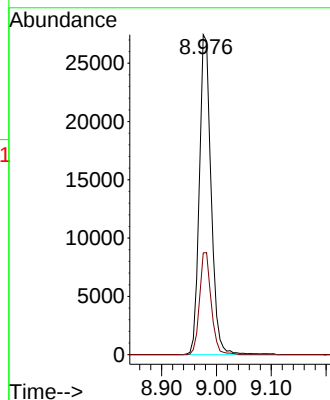
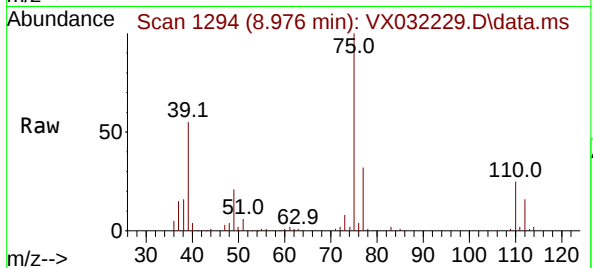
77 31.8 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#54

cis-1,3-Dichloropropene

Concen: 20.140 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX032229.D

Acq: 20 Oct 2022 00:19

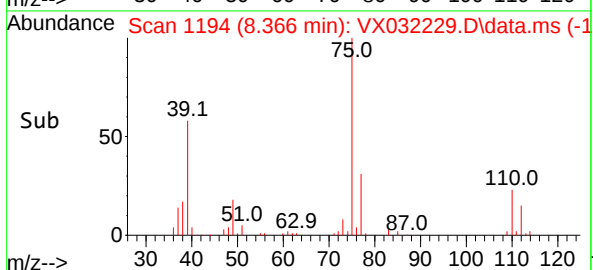
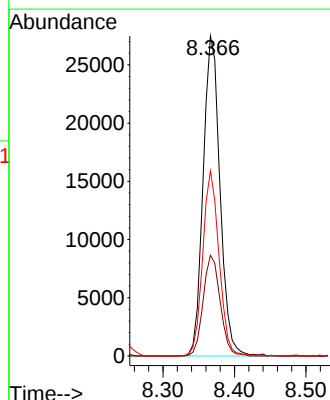
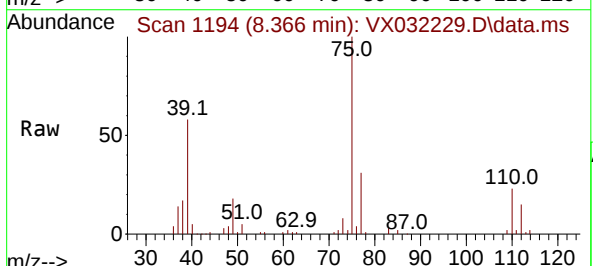
Tgt Ion: 75 Resp: 45048

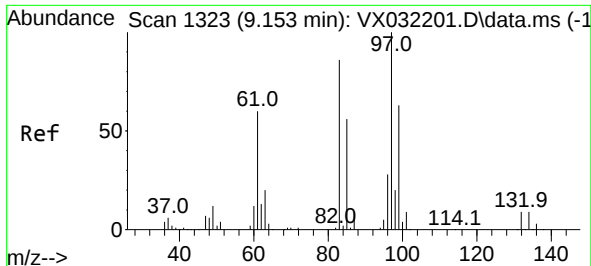
Ion Ratio Lower Upper

75 100

77 31.4 25.3 37.9

39 57.8 42.4 63.6





#55

1,1,2-Trichloroethane

Concen: 20.335 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX032229.D

Acq: 20 Oct 2022 00:19

Instrument :

MSVOA_X

ClientSampleId :

VX1019WBSD02

Tgt Ion: 97 Resp: 3090

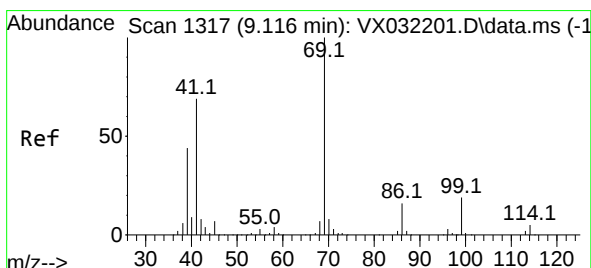
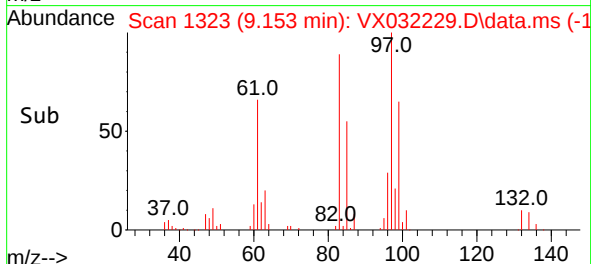
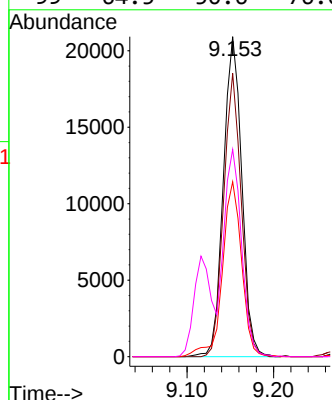
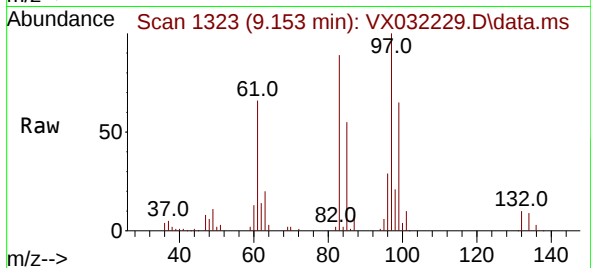
Ion	Ratio	Lower	Upper
97	100		
83	88.6	68.8	103.2
85	54.7	44.7	67.1
99	64.5	50.6	76.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#56

Ethyl methacrylate

Concen: 20.922 ug/l

RT: 9.116 min Scan# 1317

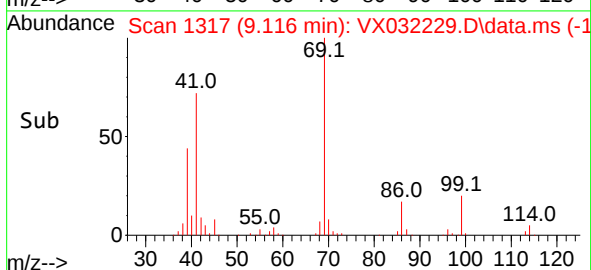
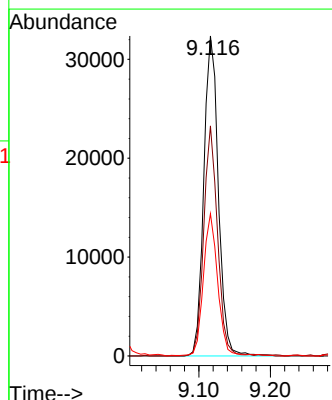
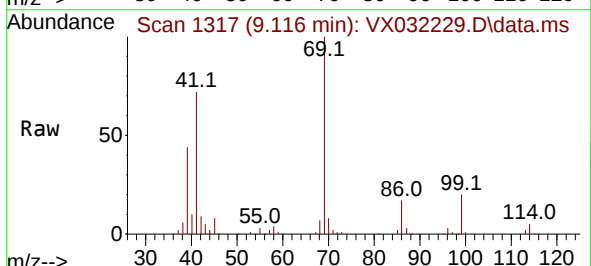
Delta R.T. 0.000 min

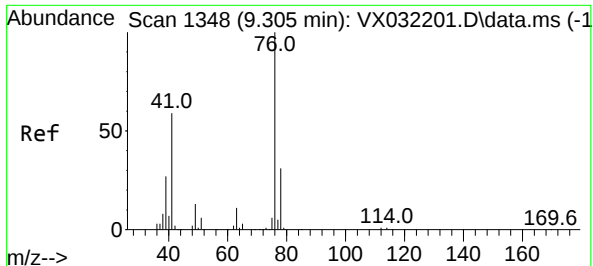
Lab File: VX032229.D

Acq: 20 Oct 2022 00:19

Tgt Ion: 69 Resp: 45795

Ion	Ratio	Lower	Upper
69	100		
41	68.1	54.5	81.7
39	43.7	35.7	53.5





#57

1,3-Dichloropropane

Concen: 20.690 ug/l

RT: 9.311 min Scan# 1134

Delta R.T. 0.006 min

Lab File: VX032229.D

Acq: 20 Oct 2022 00:19

Instrument :

MSVOA_X

ClientSampleId :

VX1019WBSD02

Tgt Ion: 76 Resp: 5093

Ion Ratio Lower Upper

76 100

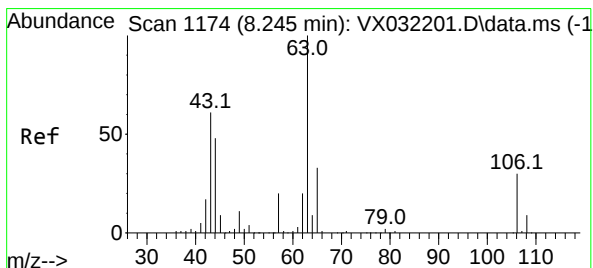
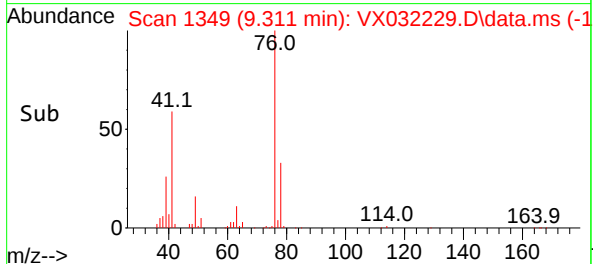
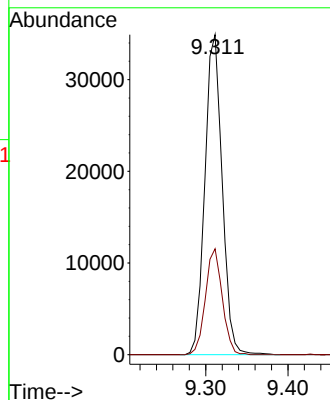
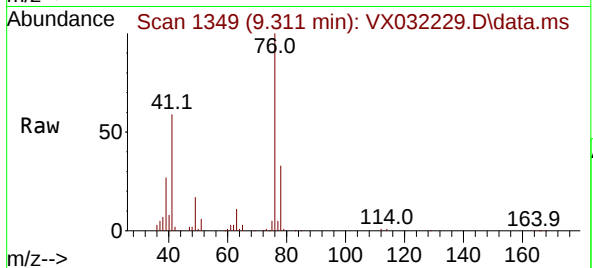
78 32.2 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#58

2-Chloroethyl Vinyl ether

Concen: 99.769 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.001 min

Lab File: VX032229.D

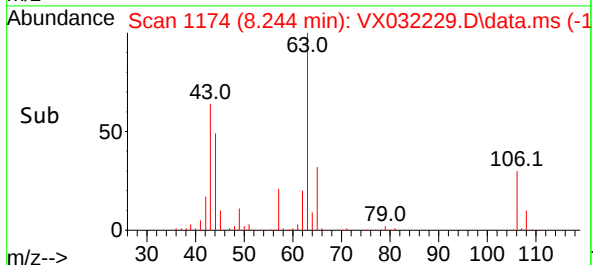
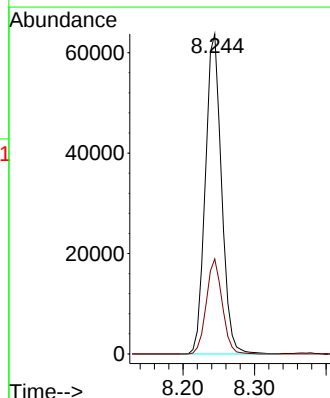
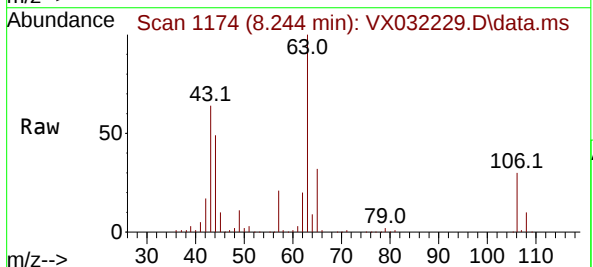
Acq: 20 Oct 2022 00:19

Tgt Ion: 63 Resp: 100097

Ion Ratio Lower Upper

63 100

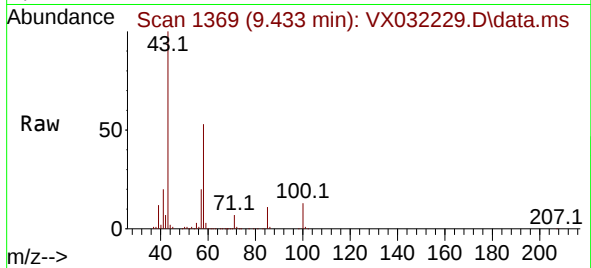
106 29.1 23.6 35.4





#59
2-Hexanone
Concen: 107.270 ug/l
RT: 9.433 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032229.D
Acq: 20 Oct 2022 00:19

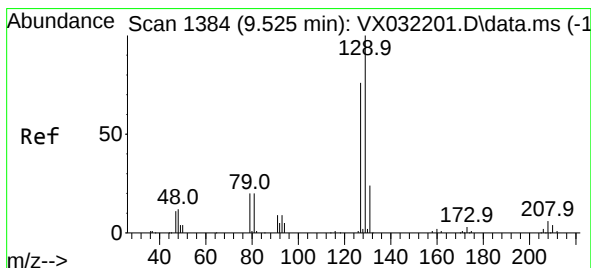
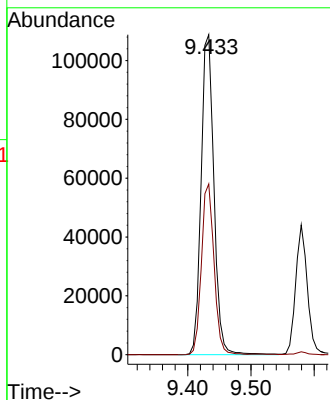
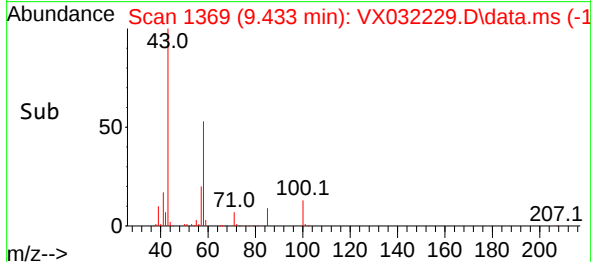
Instrument :
MSVOA_X
ClientSampleId :
VX1019WBSD02



Tgt Ion: 43 Resp: 153640
Ion Ratio Lower Upper
43 100
58 52.4 26.7 80.1

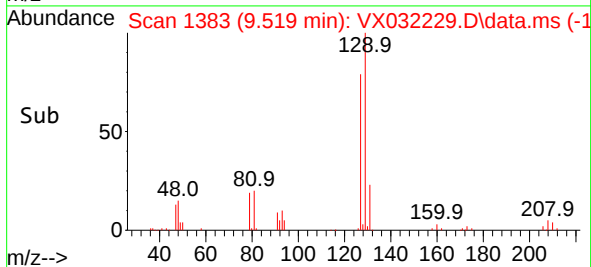
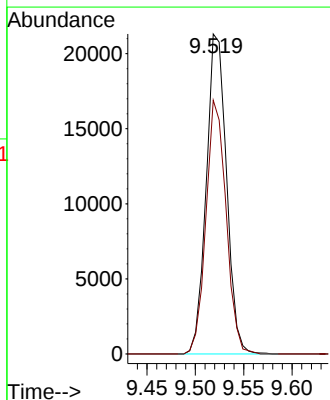
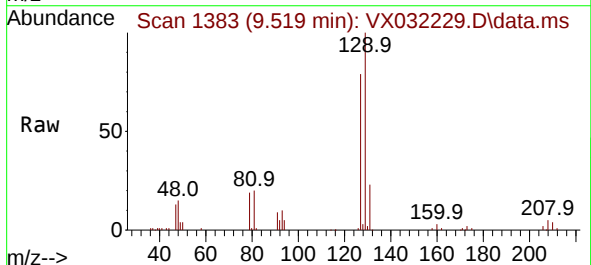
Manual Integrations
APPROVED

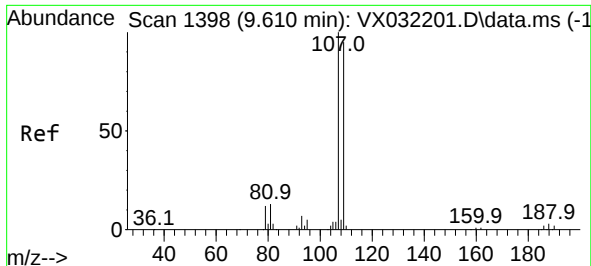
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#60
Dibromochloromethane
Concen: 19.947 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX032229.D
Acq: 20 Oct 2022 00:19

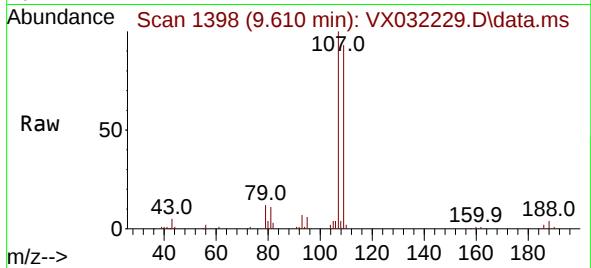
Tgt Ion:129 Resp: 31070
Ion Ratio Lower Upper
129 100
127 78.8 38.4 115.2





#61
1,2-Dibromoethane
Concen: 20.575 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX032229.D
Acq: 20 Oct 2022 00:19

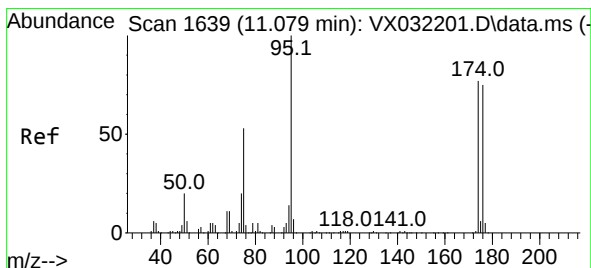
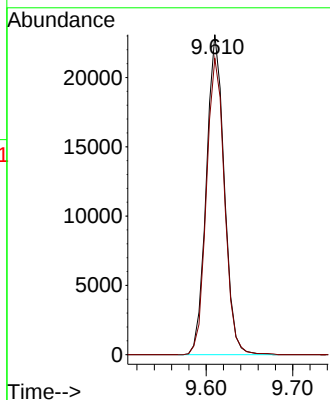
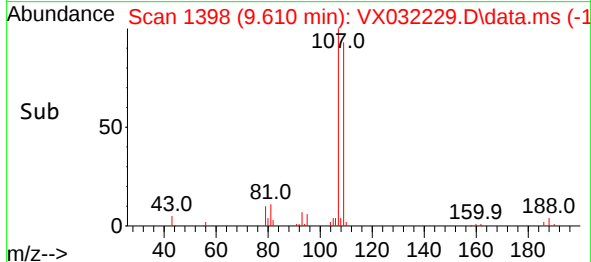
Instrument :
MSVOA_X
ClientSampleId :
VX1019WBSD02



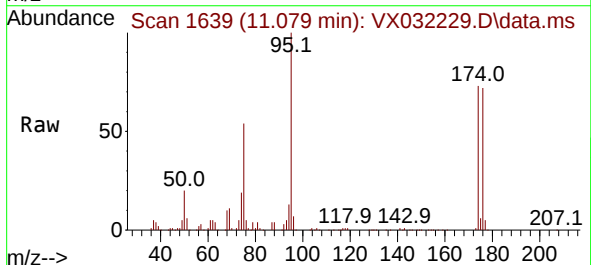
Tgt Ion:107 Resp: 33149
Ion Ratio Lower Upper
107 100
109 93.8 76.5 114.7

Manual Integrations
APPROVED

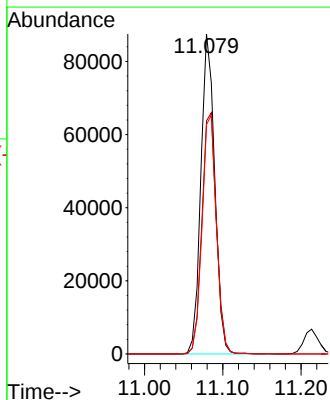
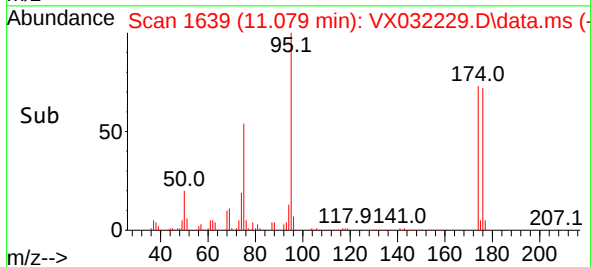
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

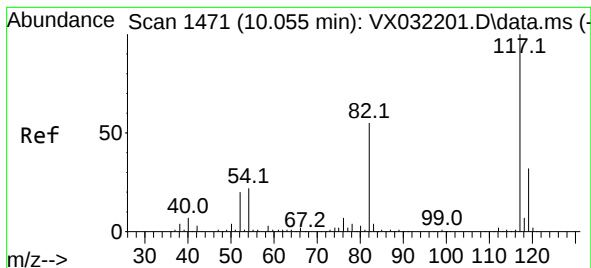


#62
4-Bromofluorobenzene
Concen: 52.707 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032229.D
Acq: 20 Oct 2022 00:19



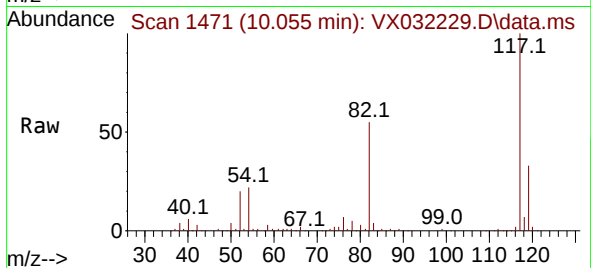
Tgt Ion: 95 Resp: 107624
Ion Ratio Lower Upper
95 100
174 78.8 0.0 166.8
176 76.9 0.0 161.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032229.D
Acq: 20 Oct 2022 00:19

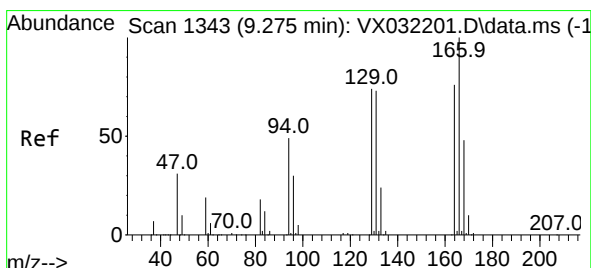
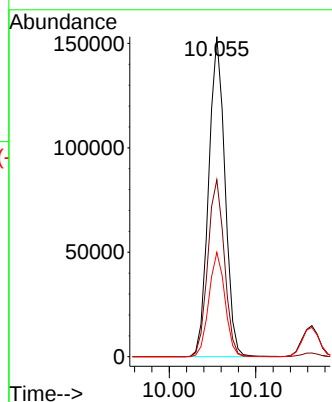
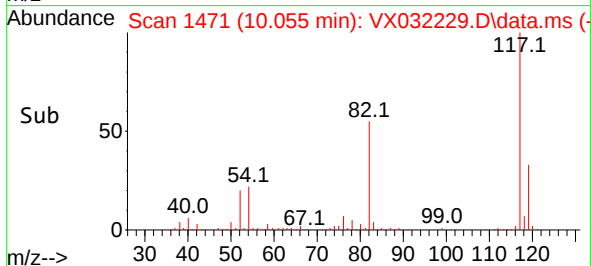
Instrument :
MSVOA_X
ClientSampleId :
VX1019WBSD02



Tgt Ion:117 Resp: 199740
Ion Ratio Lower Upper
117 100
82 55.3 44.2 66.4
119 32.6 25.8 38.8

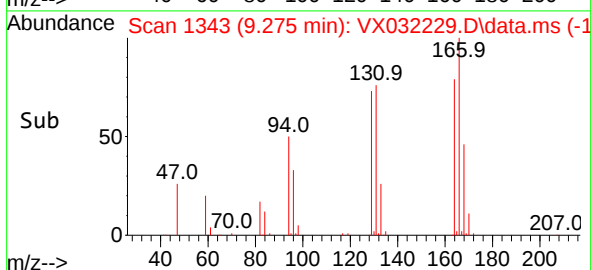
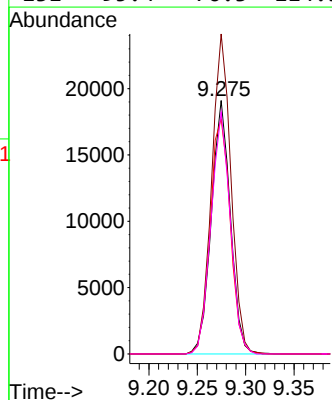
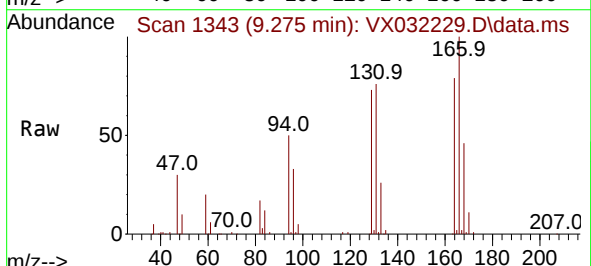
Manual Integrations
APPROVED

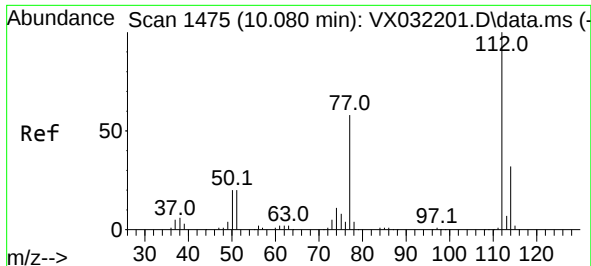
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#64
Tetrachloroethene
Concen: 19.817 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX032229.D
Acq: 20 Oct 2022 00:19

Tgt Ion:164 Resp: 26139
Ion Ratio Lower Upper
164 100
166 126.3 104.9 157.3
129 92.8 77.8 116.6
131 95.4 76.3 114.5





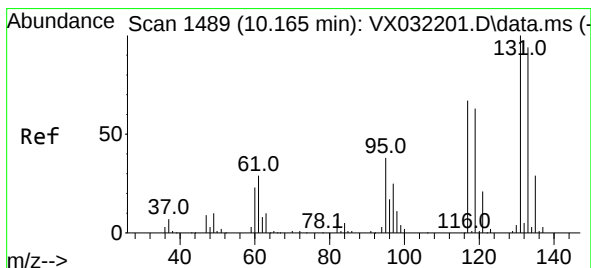
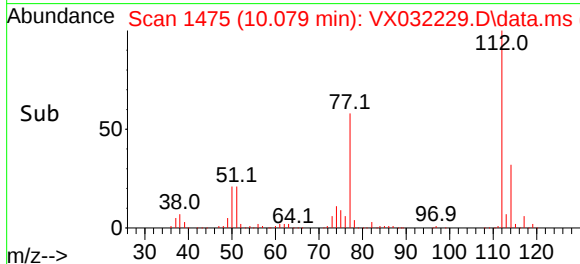
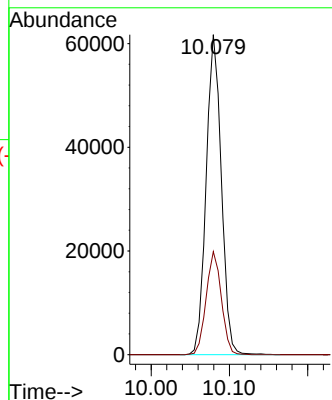
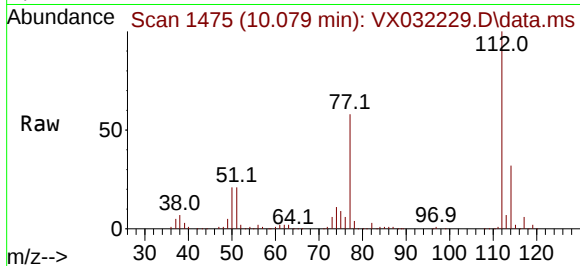
#65
Chlorobenzene
Concen: 20.179 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.001 min
Lab File: VX032229.D
Acq: 20 Oct 2022 00:19

Instrument :
MSVOA_X
ClientSampleId :
VX1019WBSD02

Tgt Ion:112 Resp: 82639
Ion Ratio Lower Upper
112 100
114 32.2 25.7 38.5

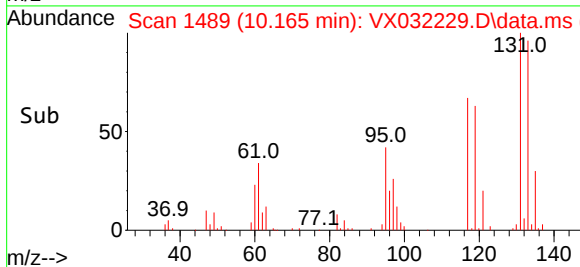
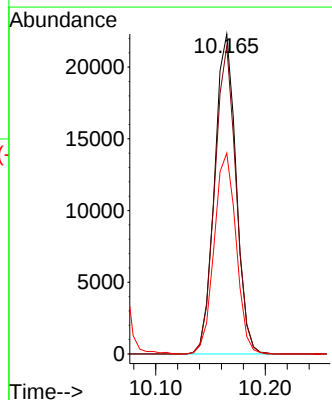
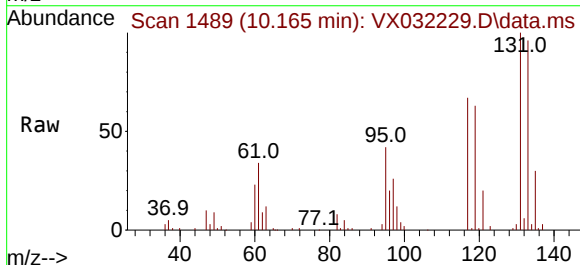
Manual Integrations
APPROVED

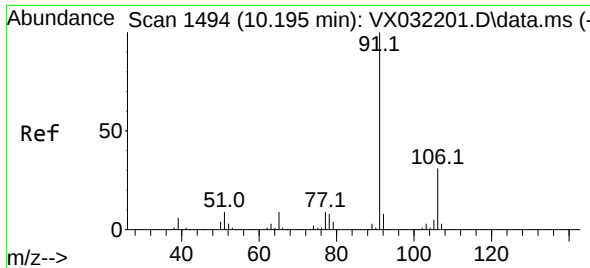
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 20.690 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX032229.D
Acq: 20 Oct 2022 00:19

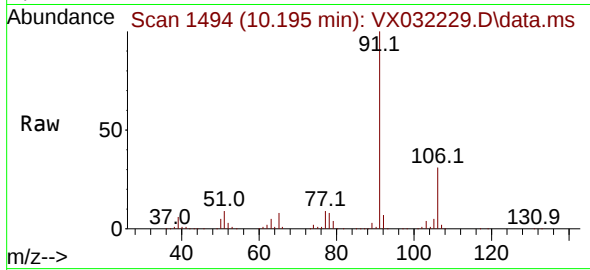
Tgt Ion:131 Resp: 30318
Ion Ratio Lower Upper
131 100
133 95.5 47.6 142.8
119 64.2 31.7 95.1





#67
Ethyl Benzene
Concen: 20.632 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032229.D
Acq: 20 Oct 2022 00:19

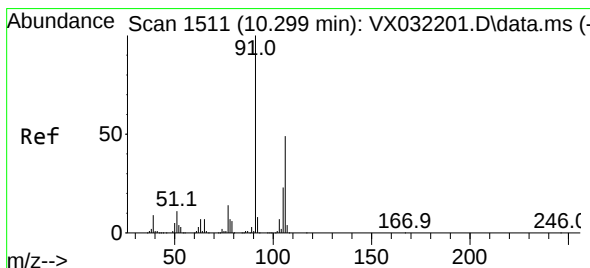
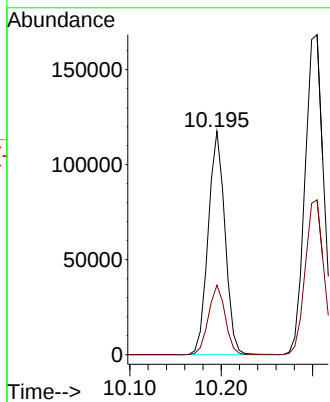
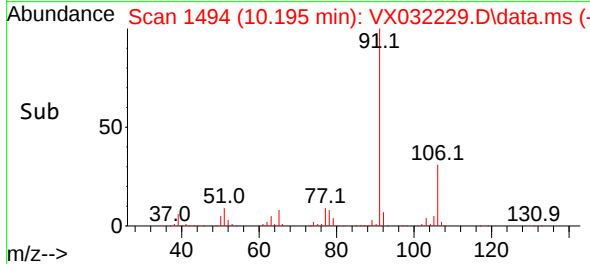
Instrument :
MSVOA_X
ClientSampleId :
VX1019WBSD02



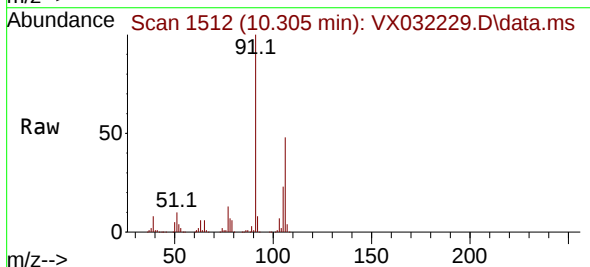
Tgt Ion: 91 Resp: 149599
Ion Ratio Lower Upper
91 100
106 31.1 25.0 37.4

Manual Integrations
APPROVED

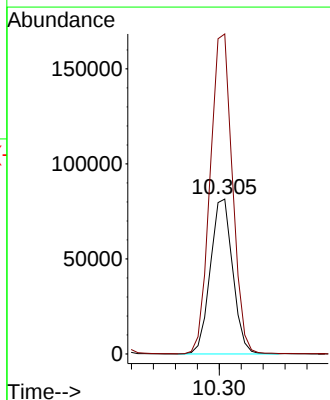
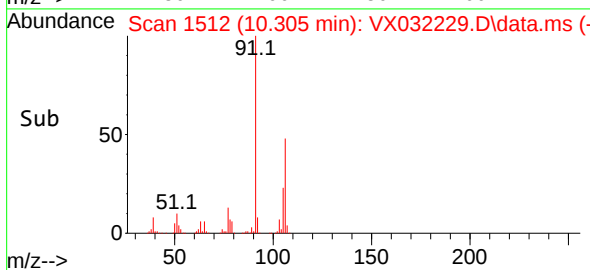
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

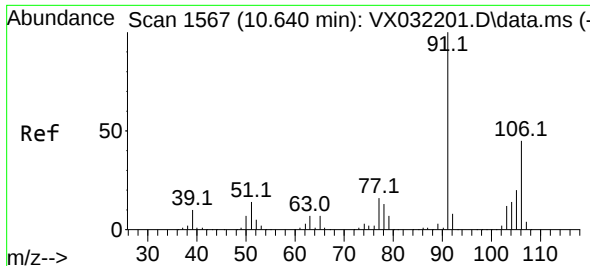


#68
m/p-Xylenes
Concen: 40.293 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX032229.D
Acq: 20 Oct 2022 00:19



Tgt Ion:106 Resp: 115374
Ion Ratio Lower Upper
106 100
91 206.2 162.6 244.0





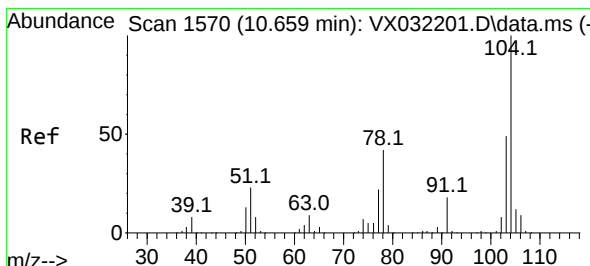
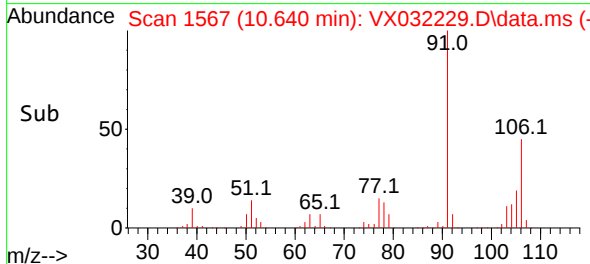
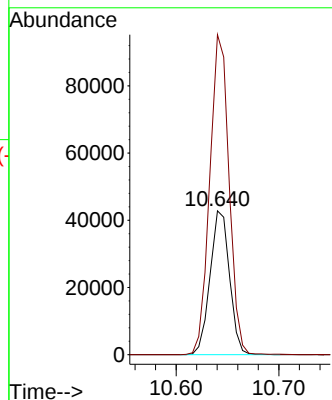
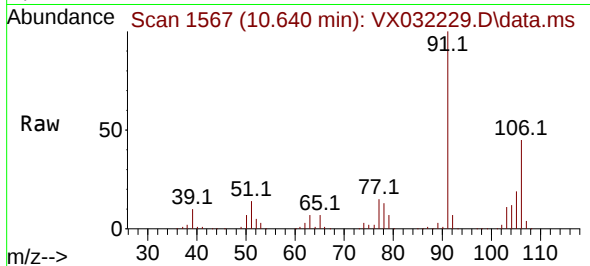
#69
o-Xylene
Concen: 20.517 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX032229.D
Acq: 20 Oct 2022 00:19

Instrument :
MSVOA_X
ClientSampleId :
VX1019WBSD02

Tgt Ion:106 Resp: 5628
Ion Ratio Lower Upper
106 100
91 220.7 108.3 324.9

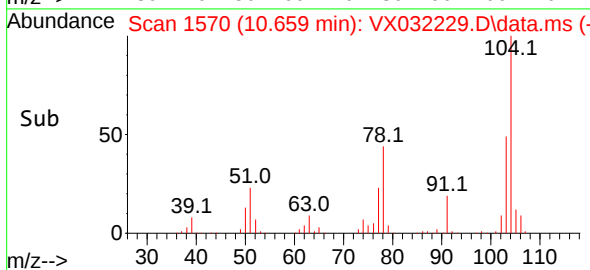
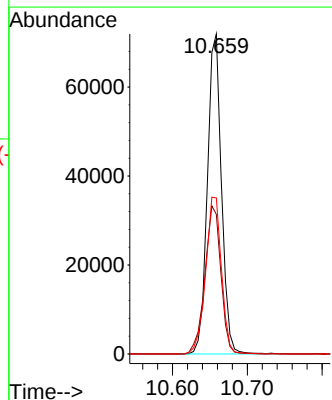
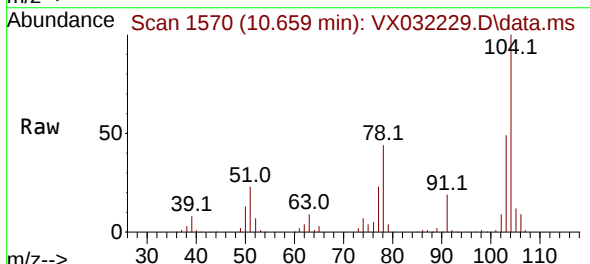
Manual Integrations
APPROVED

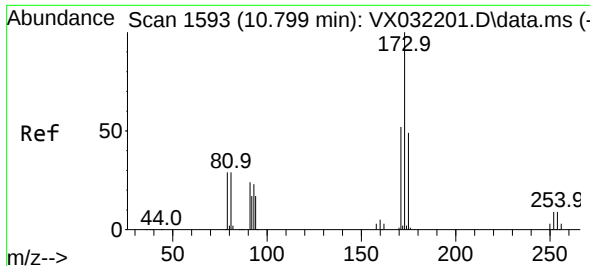
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#70
Styrene
Concen: 20.314 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX032229.D
Acq: 20 Oct 2022 00:19

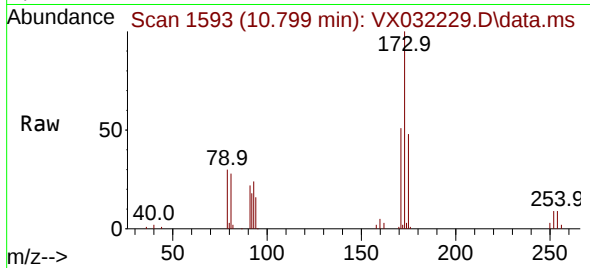
Tgt Ion:104 Resp: 93968
Ion Ratio Lower Upper
104 100
78 52.7 40.8 61.2
103 55.1 44.2 66.2





#71
Bromoform
Concen: 18.878 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX032229.D
Acq: 20 Oct 2022 00:19

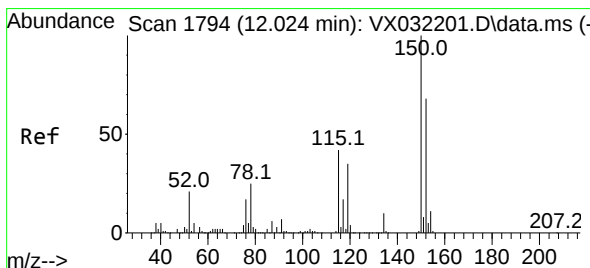
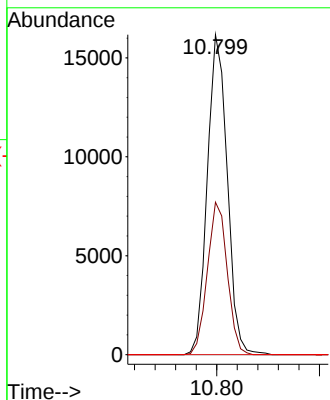
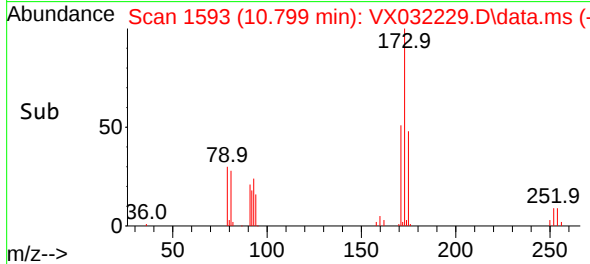
Instrument :
MSVOA_X
ClientSampleId :
VX1019WBSD02



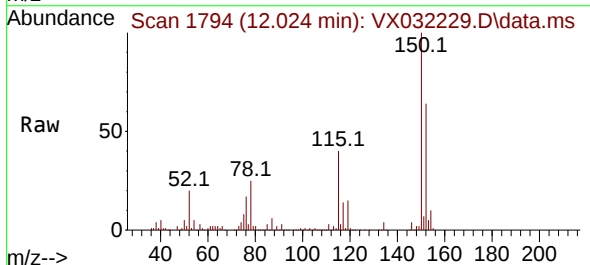
Tgt Ion:173 Resp: 21739
Ion Ratio Lower Upper
173 100
175 47.6 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

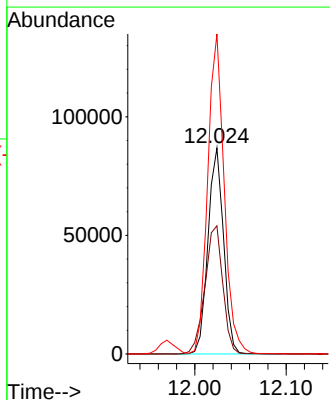
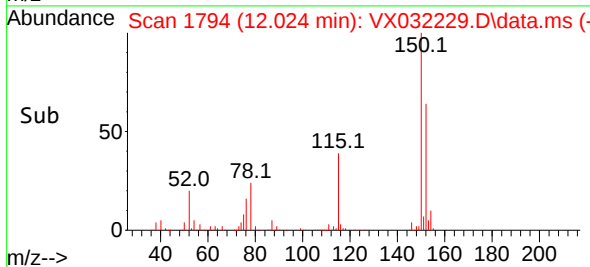
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

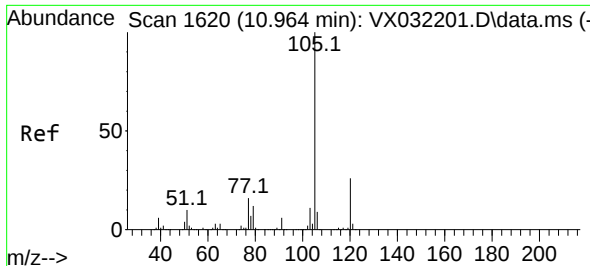


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032229.D
Acq: 20 Oct 2022 00:19



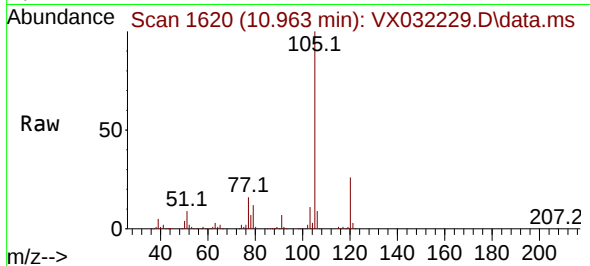
Tgt Ion:152 Resp: 102233
Ion Ratio Lower Upper
152 100
115 71.5 43.1 129.4
150 164.3 0.0 348.6





#73
Isopropylbenzene
Concen: 20.879 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.001 min
Lab File: VX032229.D
Acq: 20 Oct 2022 00:19

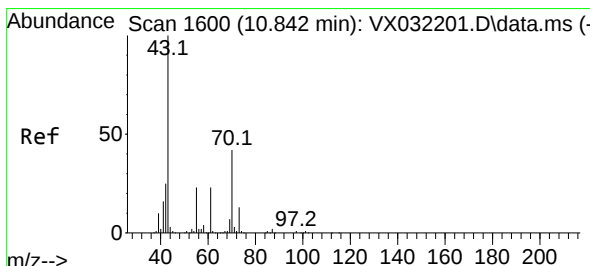
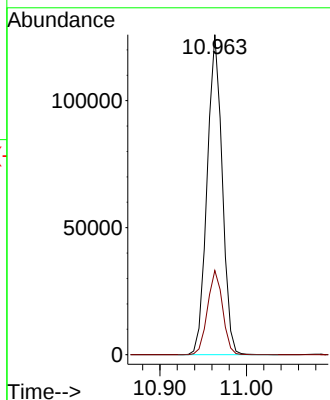
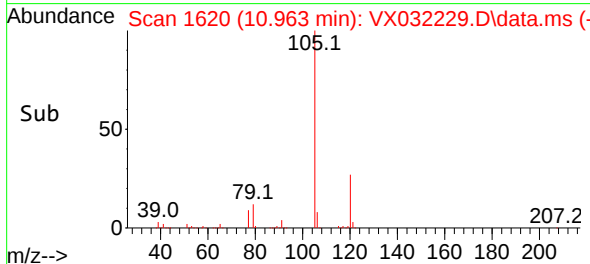
Instrument :
MSVOA_X
ClientSampleId :
VX1019WBSD02



Tgt Ion:105 Resp: 15231
Ion Ratio Lower Upper
105 100
120 26.3 13.2 39.6

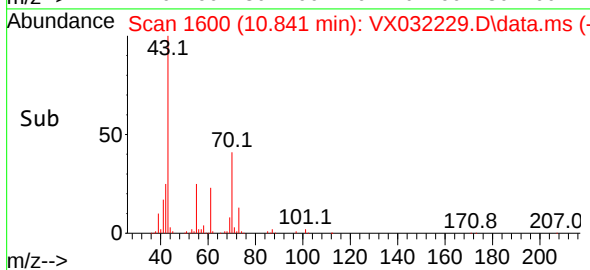
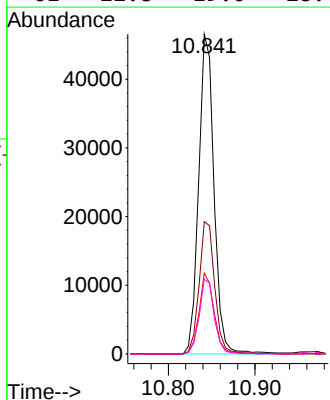
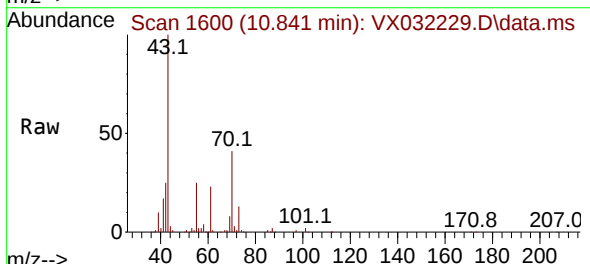
Manual Integrations
APPROVED

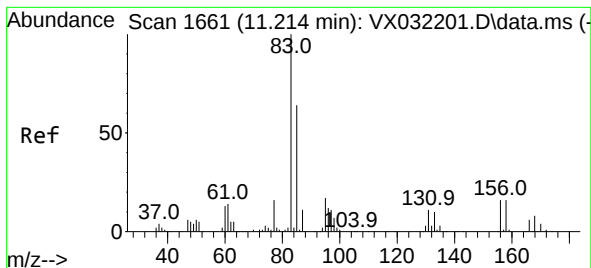
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#74
N-ethyl acetate
Concen: 21.299 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.001 min
Lab File: VX032229.D
Acq: 20 Oct 2022 00:19

Tgt Ion: 43 Resp: 57399
Ion Ratio Lower Upper
43 100
70 42.0 33.9 50.9
55 25.0 19.1 28.7
61 22.8 19.0 28.4





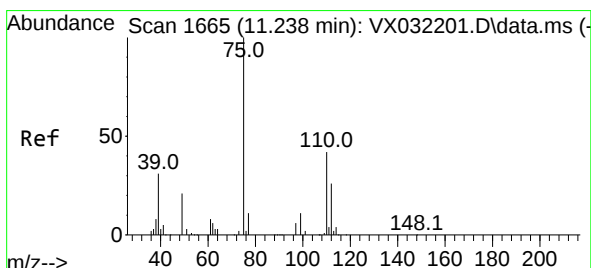
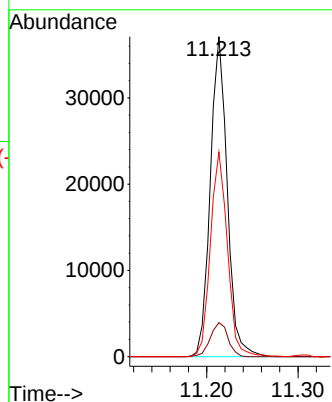
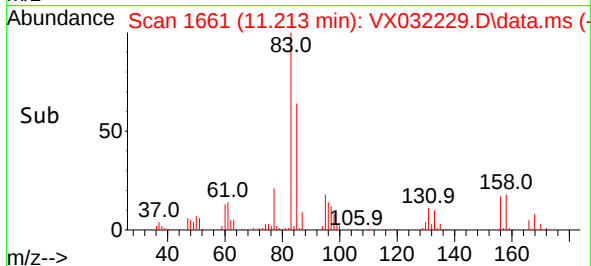
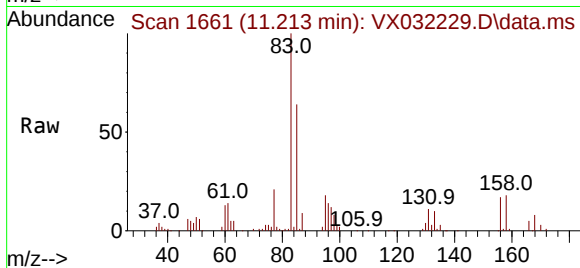
#75
1,1,2,2-Tetrachloroethane
Concen: 20.276 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.001 min
Lab File: VX032229.D
Acq: 20 Oct 2022 00:19

Instrument :
MSVOA_X
ClientSampleId :
VX1019WBSD02

Tgt Ion: 83 Resp: 4755
Ion Ratio Lower Upper
83 100
131 11.2 5.2 15.6
85 64.3 32.3 96.9

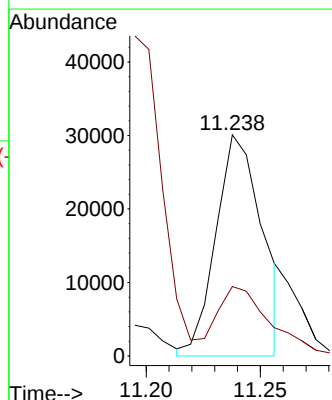
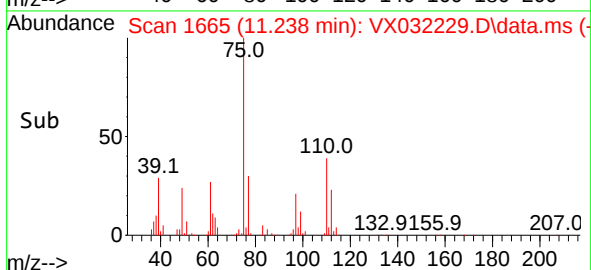
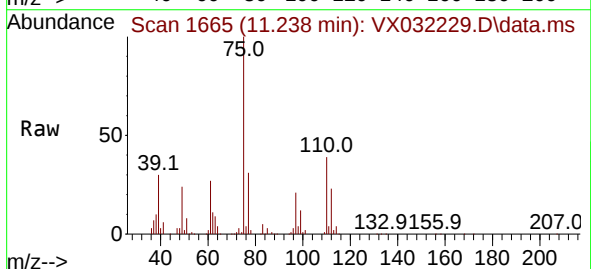
Manual Integrations
APPROVED

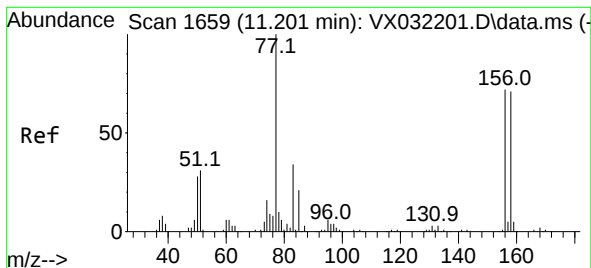
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#76
1,2,3-Trichloropropane
Concen: 20.877 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX032229.D
Acq: 20 Oct 2022 00:19

Tgt Ion: 75 Resp: 42289
Ion Ratio Lower Upper
75 100
77 37.1 16.0 47.9





#77

Bromobenzene

Concen: 20.088 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX032229.D

Acq: 20 Oct 2022 00:19

Instrument :

MSVOA_X

ClientSampleId :

VX1019WBSD02

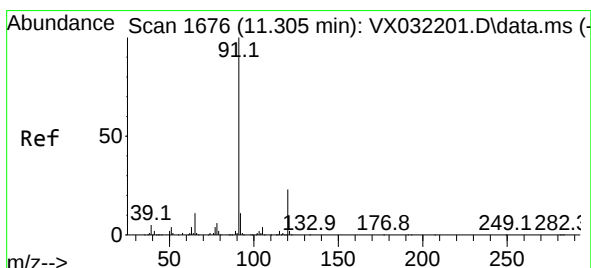
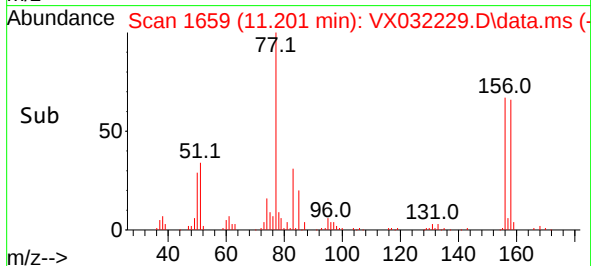
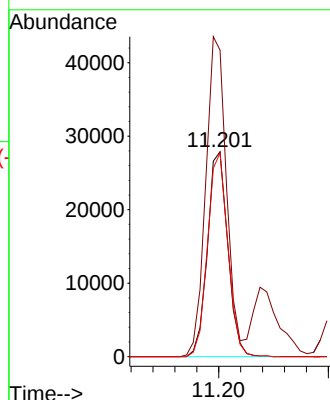
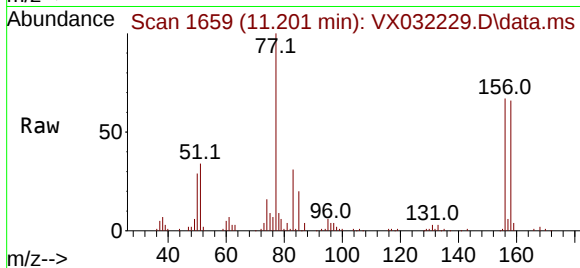
Tgt Ion:	156	Resp:	35919
Ion Ratio	Lower	Upper	
156	100		
77	158.1	75.5	226.5
158	99.2	49.0	147.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#78

n-propylbenzene

Concen: 20.818 ug/l

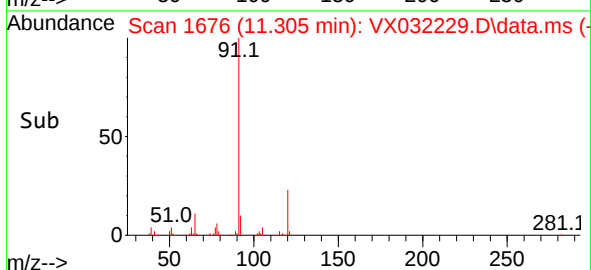
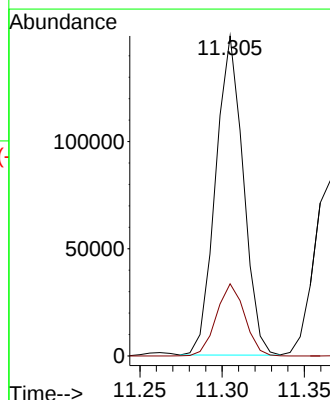
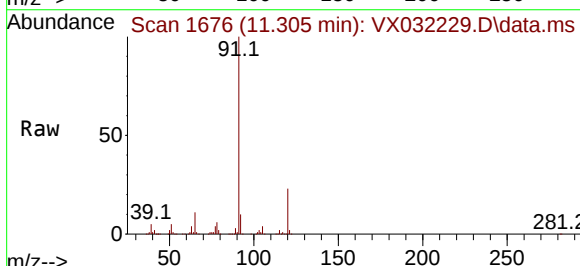
RT: 11.305 min Scan# 1676

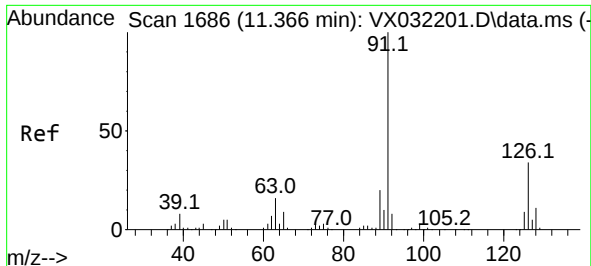
Delta R.T. -0.000 min

Lab File: VX032229.D

Acq: 20 Oct 2022 00:19

Tgt Ion:	91	Resp:	173894
Ion Ratio	Lower	Upper	
91	100		
120	23.1	11.6	34.8





#79

2-Chlorotoluene

Concen: 20.643 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX032229.D

Acq: 20 Oct 2022 00:19

Instrument :

MSVOA_X

ClientSampleId :

VX1019WBSD02

Tgt Ion: 91 Resp: 103920

Ion Ratio Lower Upper

91 100

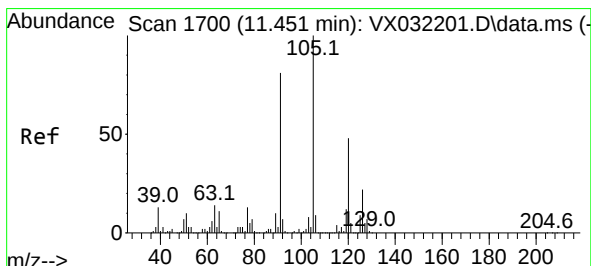
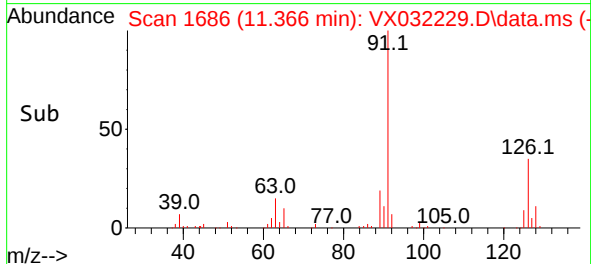
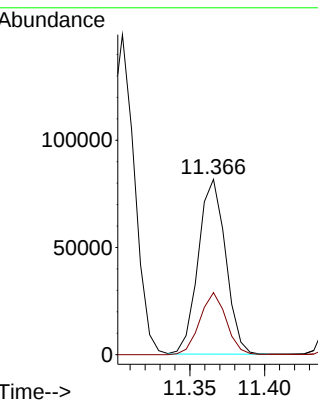
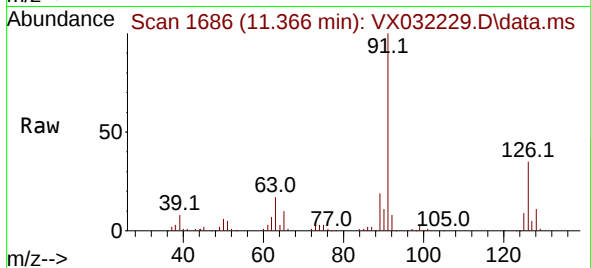
126 34.5 17.3 51.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#80

1,3,5-Trimethylbenzene

Concen: 20.778 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX032229.D

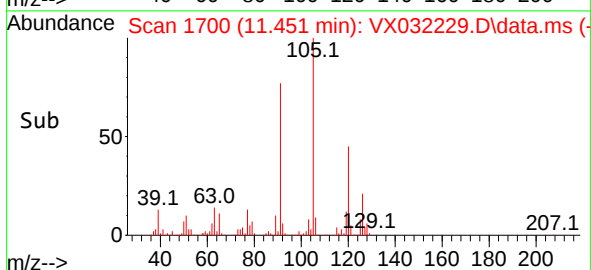
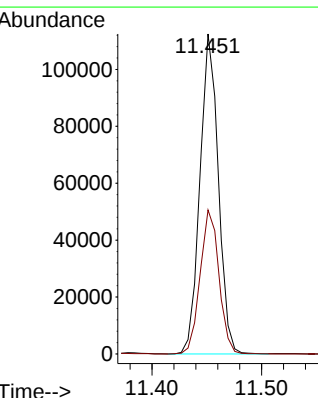
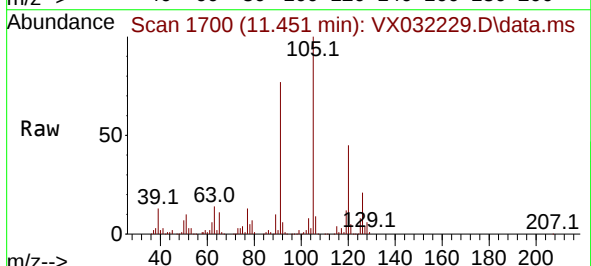
Acq: 20 Oct 2022 00:19

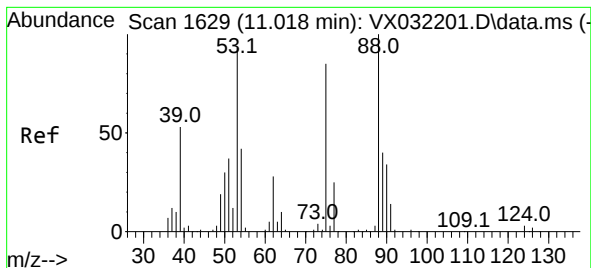
Tgt Ion:105 Resp: 130921

Ion Ratio Lower Upper

105 100

120 46.2 23.5 70.6





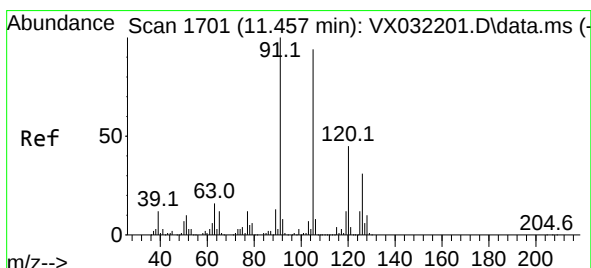
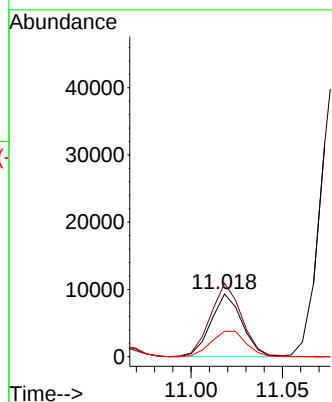
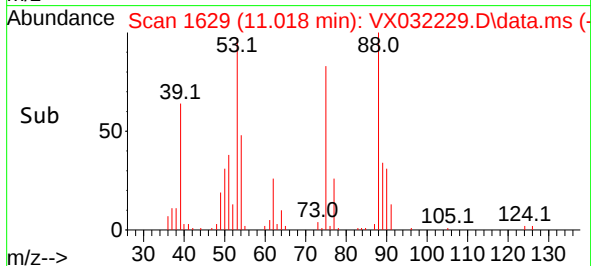
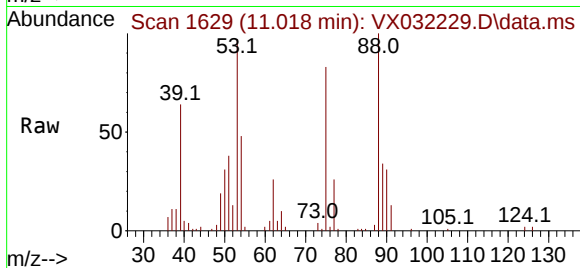
#81
trans-1,4-Dichloro-2-butene
Concen: 18.992 ug/l
RT: 11.018 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VX032229.D
Acq: 20 Oct 2022 00:19

Instrument :
MSVOA_X
ClientSampleId :
VX1019WBSD02

Tgt Ion: 75 Resp: 1106
Ion Ratio Lower Upper
75 100
53 118.1 87.8 131.8
89 45.3 37.8 56.8

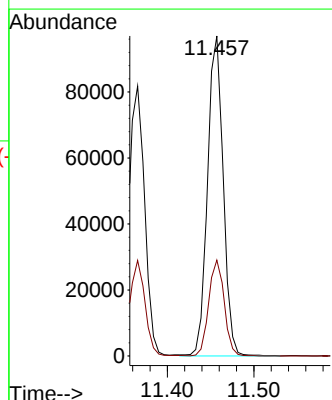
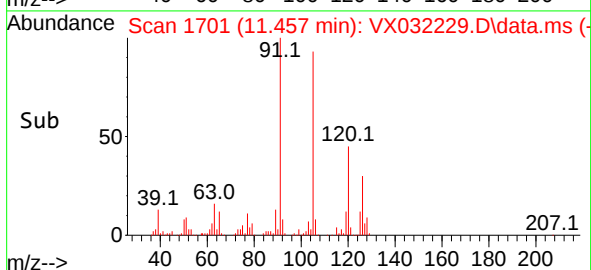
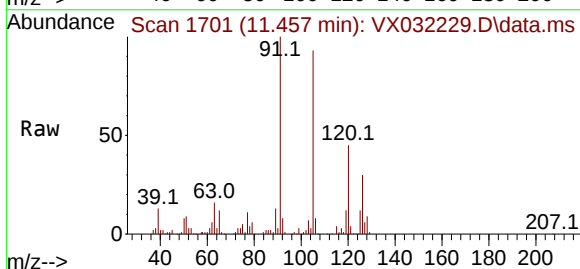
Manual Integrations
APPROVED

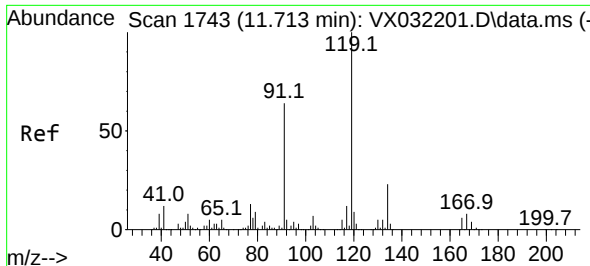
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#82
4-Chlorotoluene
Concen: 20.824 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX032229.D
Acq: 20 Oct 2022 00:19

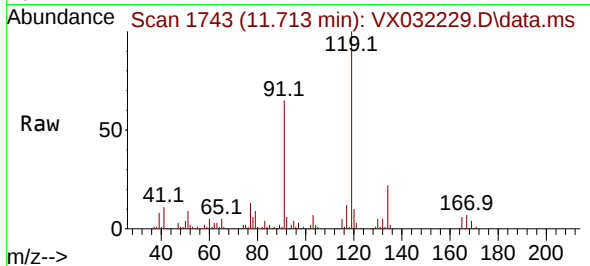
Tgt Ion: 91 Resp: 122049
Ion Ratio Lower Upper
91 100
126 29.6 14.9 44.5





#83
 tert-Butylbenzene
 Concen: 20.664 ug/l
 RT: 11.713 min Scan# 1743
 Delta R.T. 0.000 min
 Lab File: VX032229.D
 Acq: 20 Oct 2022 00:19

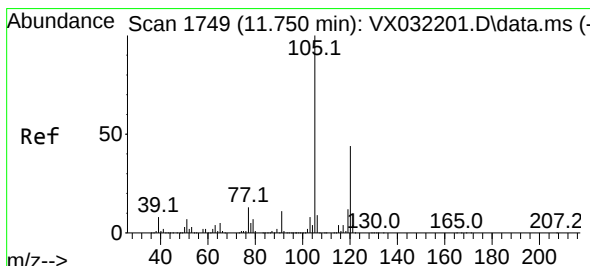
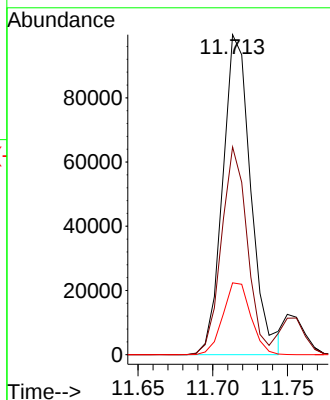
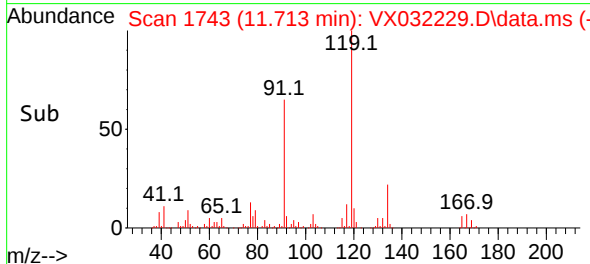
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1019WBSD02



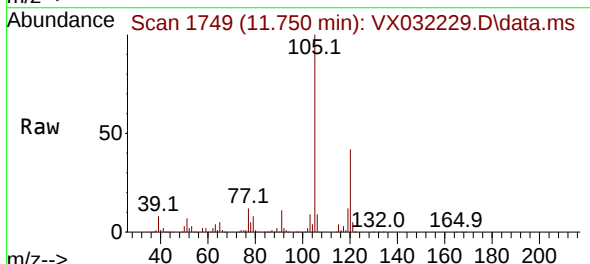
Tgt Ion:119 Resp: 130272
 Ion Ratio Lower Upper
 119 100
 91 59.7 29.1 87.3
 134 22.4 11.3 33.8

Manual Integrations
 APPROVED

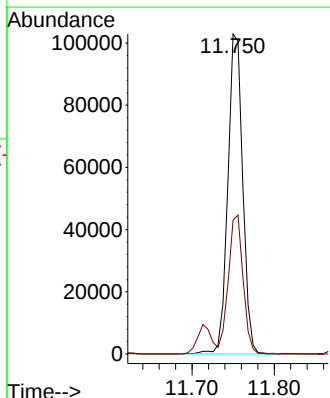
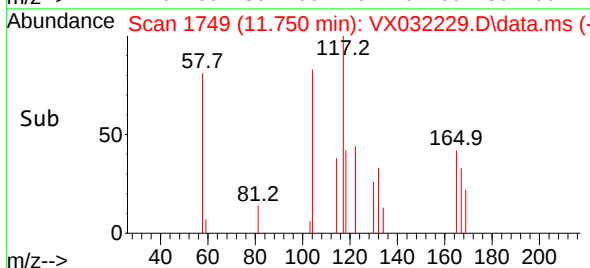
Reviewed By :John Carlone 10/20/2022
 Supervised By :Mahesh Dadoda 10/20/2022

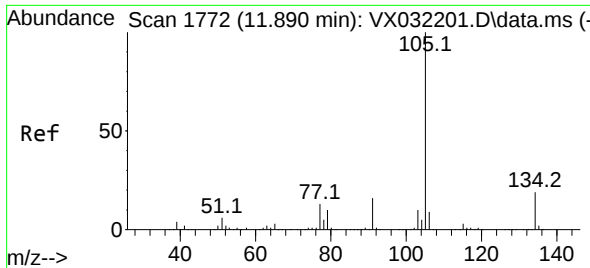


#84
 1,2,4-Trimethylbenzene
 Concen: 21.213 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. -0.000 min
 Lab File: VX032229.D
 Acq: 20 Oct 2022 00:19



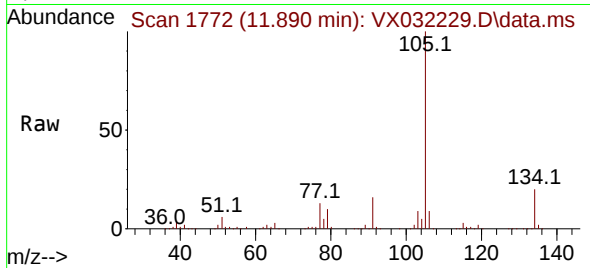
Tgt Ion:105 Resp: 129953
 Ion Ratio Lower Upper
 105 100
 120 42.8 22.1 66.1





#85
 sec-Butylbenzene
 Concen: 20.581 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX032229.D
 Acq: 20 Oct 2022 00:19

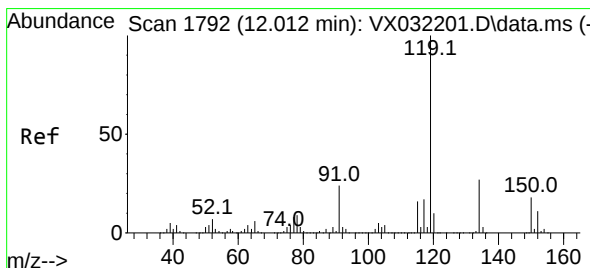
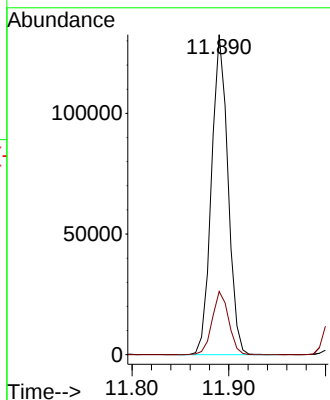
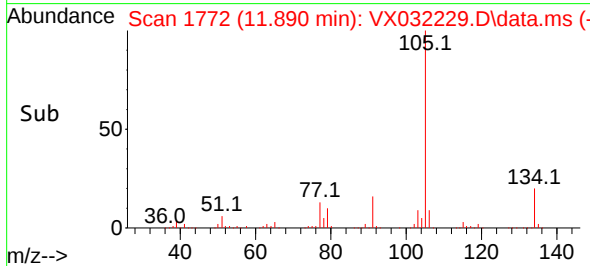
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1019WBSD02



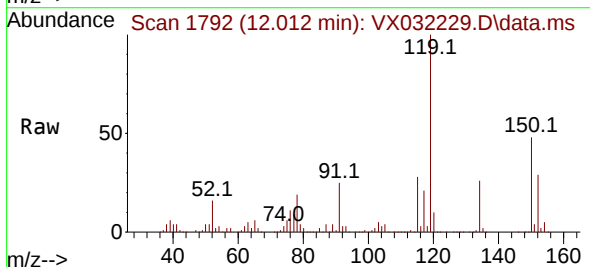
Tgt Ion:105 Resp: 156804
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.1 30.3

Manual Integrations
 APPROVED

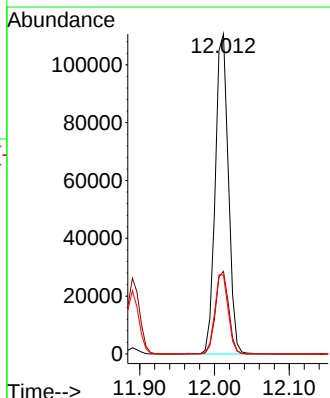
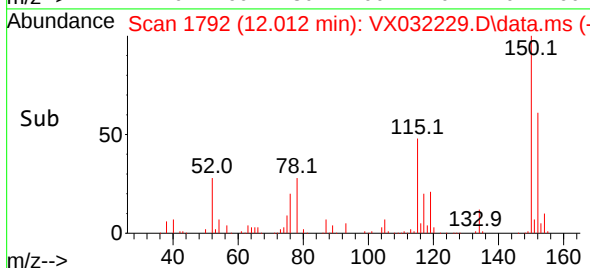
Reviewed By :John Carlone 10/20/2022
 Supervised By :Mahesh Dadoda 10/20/2022

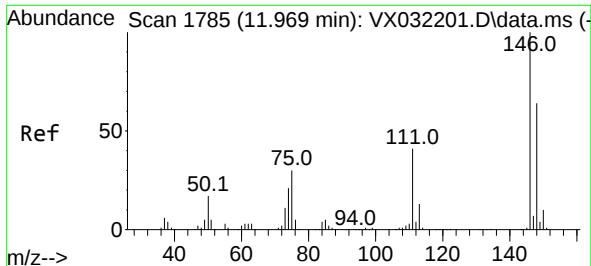


#86
 p-Isopropyltoluene
 Concen: 20.788 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX032229.D
 Acq: 20 Oct 2022 00:19



Tgt Ion:119 Resp: 134762
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.2 39.5
 91 25.5 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 20.186 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX032229.D

Acq: 20 Oct 2022 00:19

Instrument :

MSVOA_X

ClientSampleId :

VX1019WBSD02

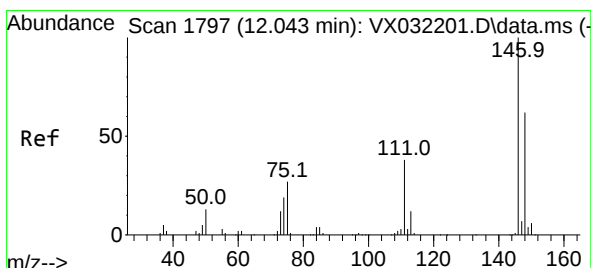
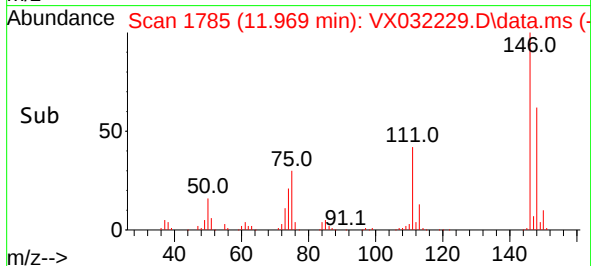
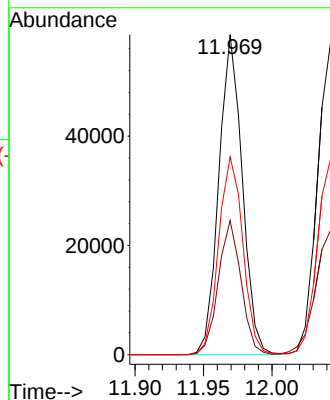
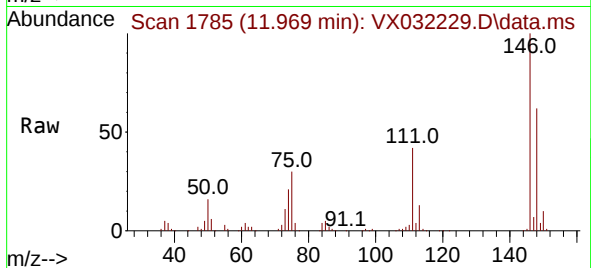
Tgt Ion:146 Resp: 69470
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.3 61.0
 148 64.1 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#88

1,4-Dichlorobenzene

Concen: 19.893 ug/l

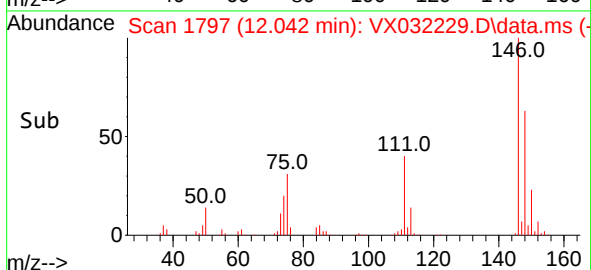
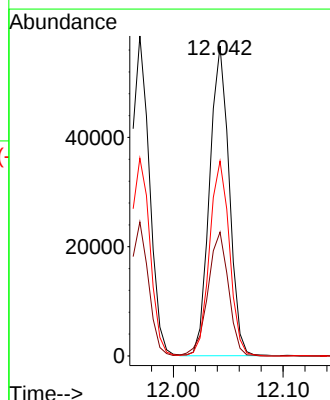
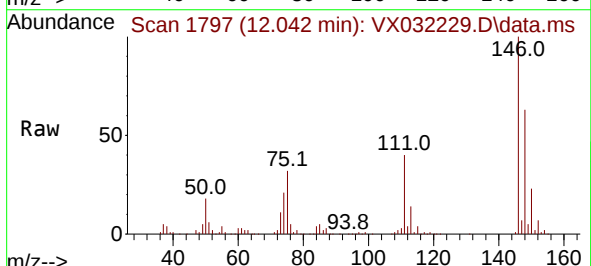
RT: 12.042 min Scan# 1797

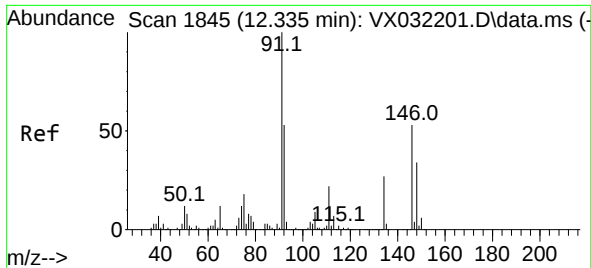
Delta R.T. -0.001 min

Lab File: VX032229.D

Acq: 20 Oct 2022 00:19

Tgt Ion:146 Resp: 70326
 Ion Ratio Lower Upper
 146 100
 111 42.1 19.8 59.4
 148 64.2 31.9 95.9





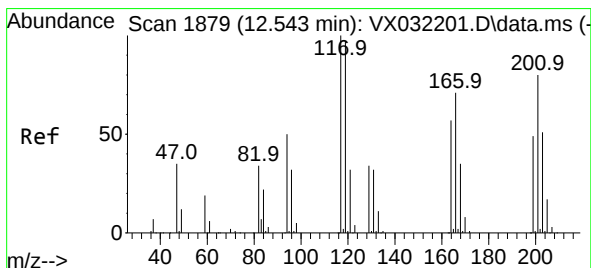
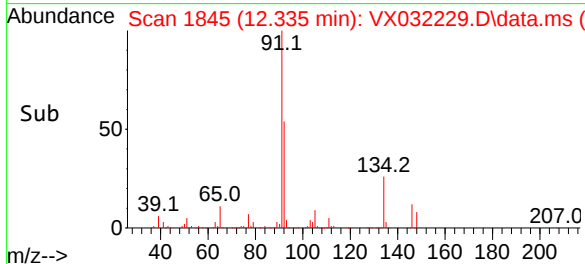
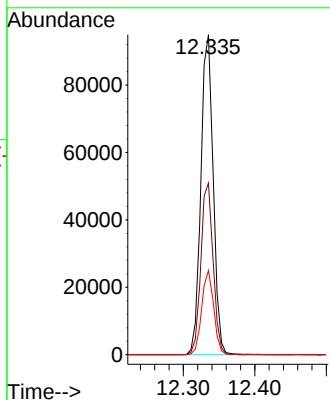
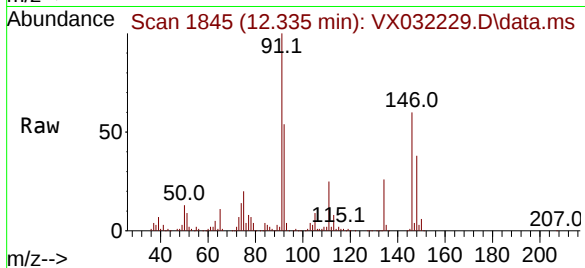
#89
n-Butylbenzene
Concen: 19.934 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX032229.D
Acq: 20 Oct 2022 00:19

Instrument :
MSVOA_X
ClientSampleId :
VX1019WBSD02

Tgt Ion: 91 Resp: 11382
Ion Ratio Lower Upper
91 100
92 53.3 26.3 78.9
134 25.5 13.0 39.0

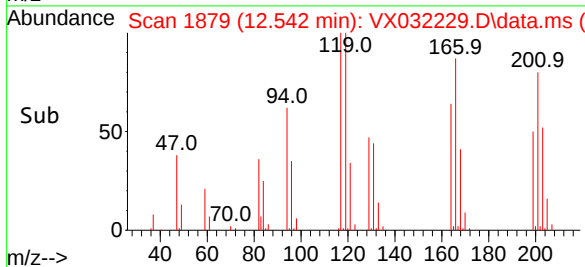
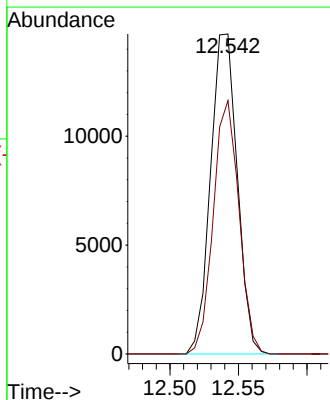
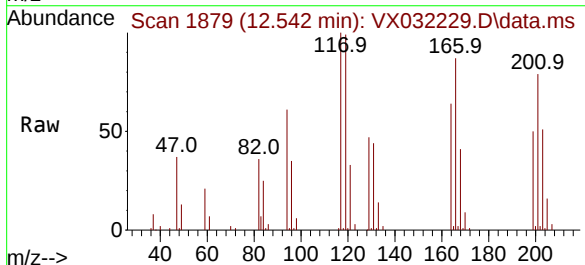
Manual Integrations
APPROVED

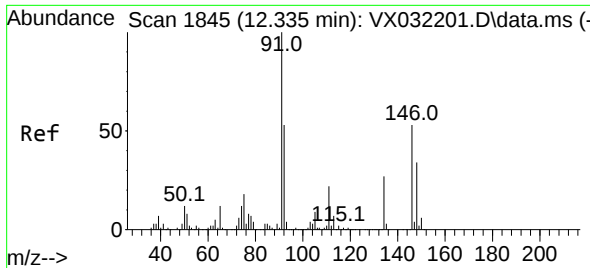
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#90
Hexachloroethane
Concen: 19.839 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. -0.001 min
Lab File: VX032229.D
Acq: 20 Oct 2022 00:19

Tgt Ion:117 Resp: 19957
Ion Ratio Lower Upper
117 100
201 75.9 38.5 115.3





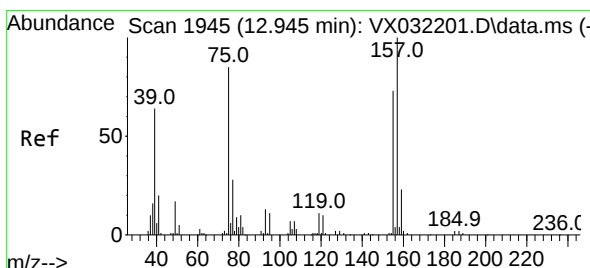
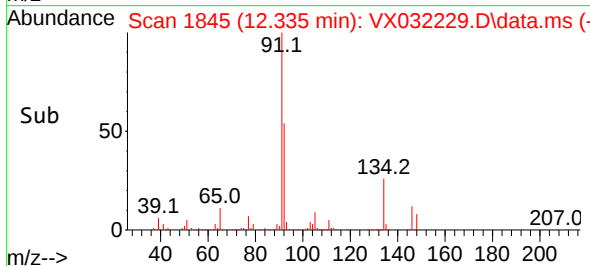
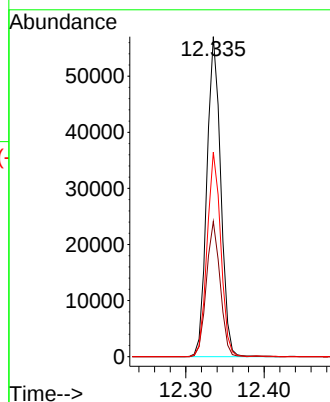
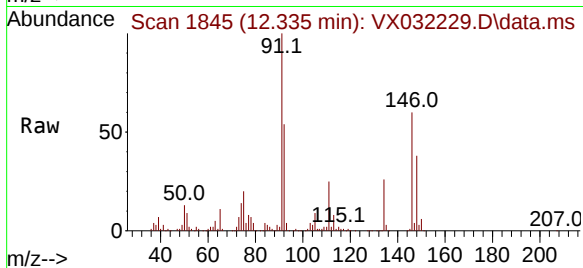
#91
1,2-Dichlorobenzene
Concen: 20.670 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX032229.D
Acq: 20 Oct 2022 00:19

Instrument :
MSVOA_X
ClientSampleId :
VX1019WBSD02

Tgt Ion:146 Resp: 6983
Ion Ratio Lower Upper
146 100
111 41.8 21.1 63.1
148 63.0 32.3 96.8

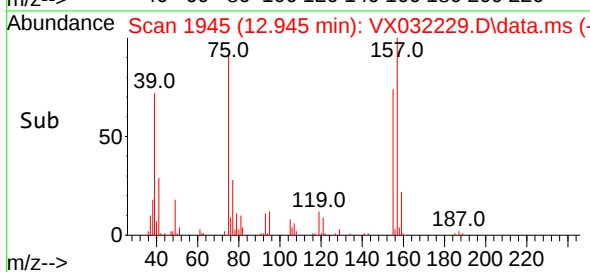
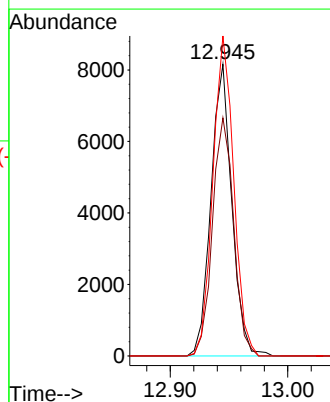
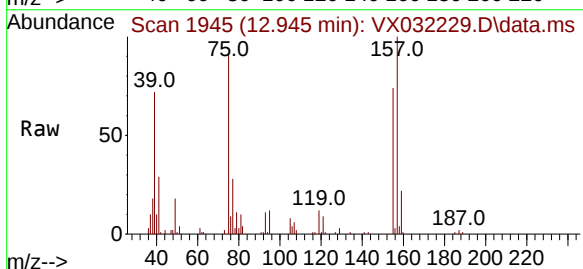
Manual Integrations
APPROVED

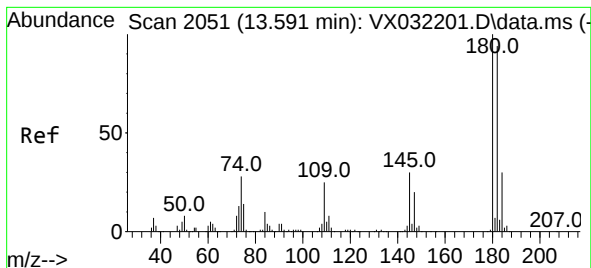
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.832 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX032229.D
Acq: 20 Oct 2022 00:19

Tgt Ion: 75 Resp: 10058
Ion Ratio Lower Upper
75 100
155 82.8 43.1 129.3
157 109.6 57.1 171.5





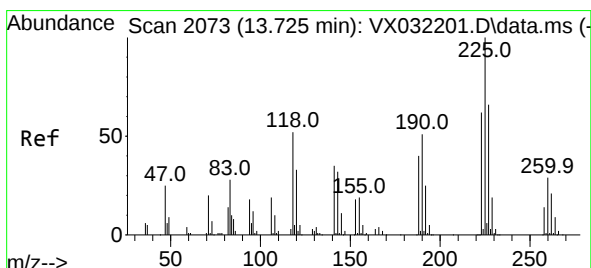
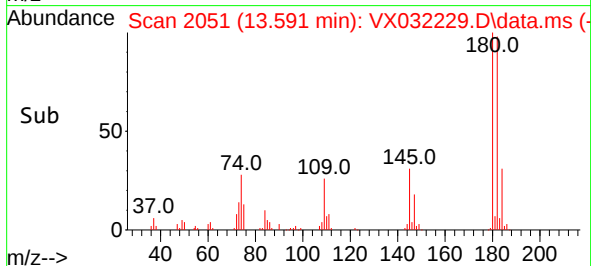
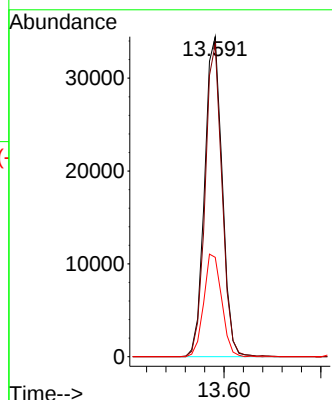
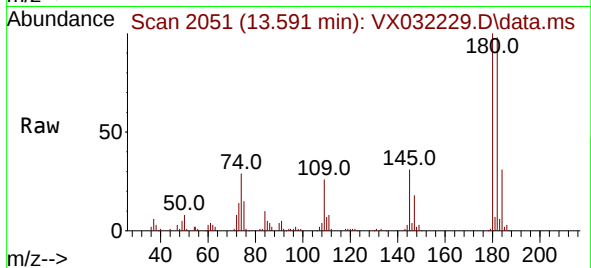
#93
1,2,4-Trichlorobenzene
Concen: 19.799 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX032229.D
Acq: 20 Oct 2022 00:19

Instrument :
MSVOA_X
ClientSampleId :
VX1019WBSD02

Tgt Ion:180 Resp: 4354
Ion Ratio Lower Upper
180 100
182 94.1 46.8 140.3
145 32.7 15.6 46.7

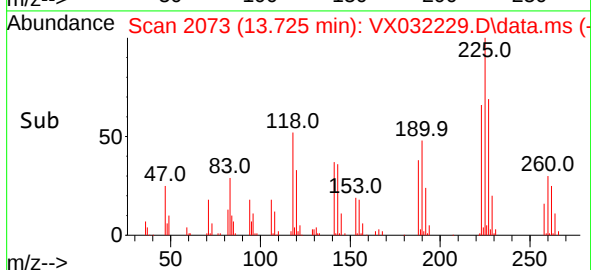
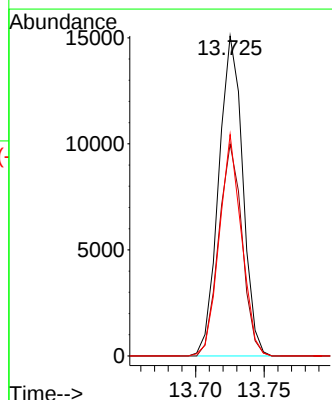
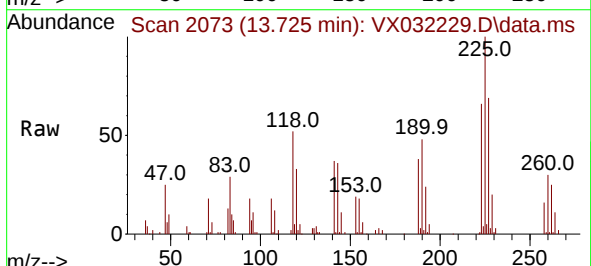
Manual Integrations
APPROVED

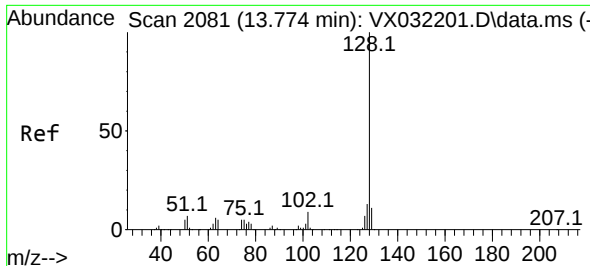
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#94
Hexachlorobutadiene
Concen: 19.242 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX032229.D
Acq: 20 Oct 2022 00:19

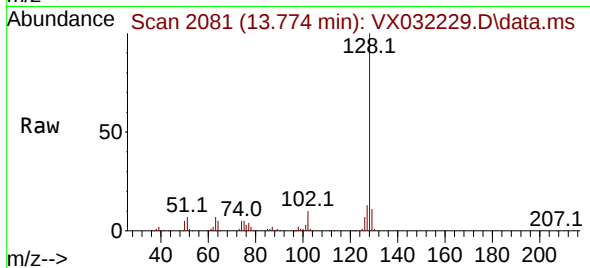
Tgt Ion:225 Resp: 18368
Ion Ratio Lower Upper
225 100
223 64.3 31.4 94.3
227 63.9 32.0 96.0





#95
Naphthalene
Concen: 20.981 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX032229.D
Acq: 20 Oct 2022 00:19

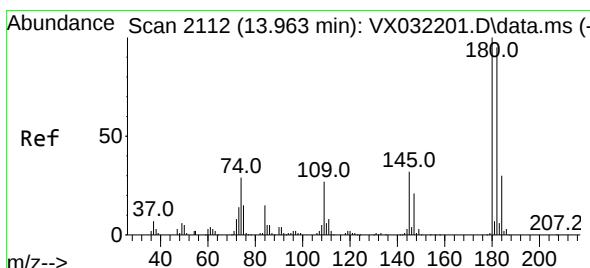
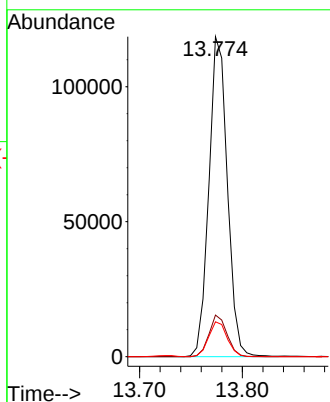
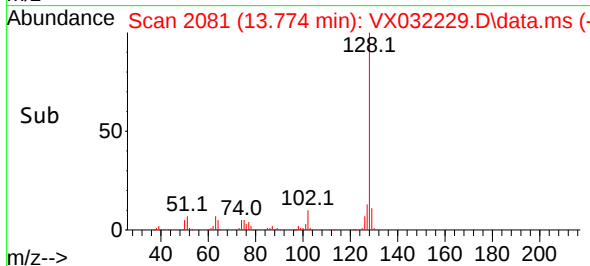
Instrument :
MSVOA_X
ClientSampleId :
VX1019WBSD02



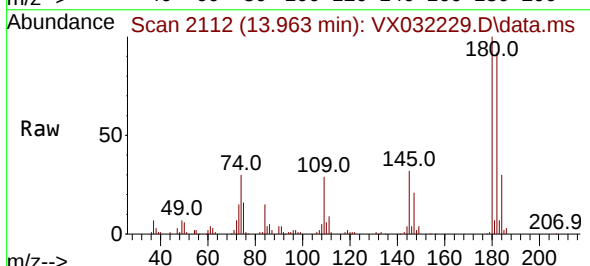
Tgt Ion:128 Resp: 147798
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#96
1,2,3-Trichlorobenzene
Concen: 20.019 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX032229.D
Acq: 20 Oct 2022 00:19



Tgt Ion:180 Resp: 44287
Ion Ratio Lower Upper
180 100
182 93.6 47.4 142.2
145 33.0 16.5 49.5

