

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090122\
 Data File : VX031021.D
 Acq On : 01 Sep 2022 11:47
 Operator : JC/MD
 Sample : VSTDIC010
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

Quant Time: Sep 01 13:22:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 01 13:21:01 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/02/2022
 Supervised By : Mahesh Dadoda 09/02/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	202639	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	334230	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	291390	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	148831	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	25239	8.684	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	17.360%#		
35) Dibromofluoromethane	5.391	113	23592	9.576	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	19.160%#		
50) Toluene-d8	8.653	98	84194	9.228	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	18.460%#		
62) 4-Bromofluorobenzene	11.079	95	29577	9.103	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	18.200%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	19843	9.256	ug/l	91
3) Chloromethane	1.288	50	16659	7.710	ug/l	93
4) Vinyl Chloride	1.374	62	20683	8.103	ug/l	100
5) Bromomethane	1.612	94	10305	10.832	ug/l	96
6) Chloroethane	1.685	64	11878	7.739	ug/l	90
7) Trichlorofluoromethane	1.886	101	35631	9.178	ug/l	99
8) Diethyl Ether	2.136	74	12321	8.224	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.331	101	23064	9.238	ug/l	96
10) Methyl Iodide	2.453	142	15057	7.988	ug/l	95
11) Tert butyl alcohol	2.995	59	32007	46.482	ug/l	97
12) 1,1-Dichloroethene	2.319	96	22446	9.114	ug/l	99
13) Acrolein	2.239	56	23528	74.665	ug/l	99
14) Allyl chloride	2.666	41	29297	7.333	ug/l #	92
15) Acrylonitrile	3.069	53	61342	40.342	ug/l	98
16) Acetone	2.386	43	48864	37.251	ug/l	98
17) Carbon Disulfide	2.514	76	55926	8.605	ug/l	98
18) Methyl Acetate	2.709	43	27639	7.182	ug/l #	84
19) Methyl tert-butyl Ether	3.117	73	70021	8.730	ug/l #	89
20) Methylene Chloride	2.788	84	25849	8.667	ug/l #	89
21) trans-1,2-Dichloroethene	3.093	96	25138	9.414	ug/l	94
22) Diisopropyl ether	3.764	45	63160	7.672	ug/l	96
23) Vinyl Acetate	3.727	43	249571	37.786	ug/l	95
24) 1,1-Dichloroethane	3.617	63	40683	8.438	ug/l	100
25) 2-Butanone	4.568	43	75962	35.772	ug/l	94
26) 2,2-Dichloropropane	4.483	77	31448	8.656	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	27892	9.064	ug/l	94
28) Bromochloromethane	4.904	49	10830	6.944	ug/l #	75
29) Tetrahydrofuran	5.013	42	46826	34.087	ug/l #	84
30) Chloroform	5.099	83	46337	9.265	ug/l	90
31) Cyclohexane	5.465	56	34290	7.971	ug/l	94
32) 1,1,1-Trichloroethane	5.391	97	37917	8.943	ug/l	97
36) 1,1-Dichloropropene	5.702	75	32108	8.768	ug/l	98
37) Ethyl Acetate	4.727	43	28594	7.427	ug/l #	94
38) Carbon Tetrachloride	5.678	117	33368	9.571	ug/l	97
39) Methylcyclohexane	7.385	83	41686	9.307	ug/l	93
40) Benzene	6.044	78	96892	9.180	ug/l	99

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	15814	7.563	ug/l	90
42) 1,2-Dichloroethane	6.092	62	31612	9.017	ug/l	99
43) Isopropyl Acetate	6.342	43	46715	7.820	ug/l	96
44) Trichloroethene	7.129	130	28214	9.074	ug/l	100
45) 1,2-Dichloropropane	7.434	63	24025	8.528	ug/l	92
46) Dibromomethane	7.586	93	18068	9.392	ug/l	93
47) Bromodichloromethane	7.824	83	34083	9.215	ug/l	96
48) Methyl methacrylate	7.696	41	21618	7.230	ug/l	89
49) 1,4-Dioxane	7.690	88	13332	169.652	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	147000	37.282	ug/l	91
52) Toluene	8.720	92	60976	9.455	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	32638	8.746	ug/l	94
54) cis-1,3-Dichloropropene	8.373	75	36610	8.575	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	25787	9.219	ug/l	98
56) Ethyl methacrylate	9.116	69	35158	8.582	ug/l	88
57) 1,3-Dichloropropane	9.311	76	41798	9.060	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.245	63	86902	42.234	ug/l	95
59) 2-Hexanone	9.433	43	112250	38.284	ug/l	90
60) Dibromochloromethane	9.525	129	27199	9.784	ug/l	99
61) 1,2-Dibromoethane	9.610	107	28377	9.826	ug/l	95
64) Tetrachloroethene	9.275	164	28428	10.314	ug/l	94
65) Chlorobenzene	10.080	112	66904	9.710	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	24759	10.142	ug/l	97
67) Ethyl Benzene	10.195	91	116350	9.520	ug/l	98
68) m/p-Xylenes	10.305	106	92603	20.004	ug/l	99
69) o-Xylene	10.647	106	43988	9.709	ug/l	94
70) Styrene	10.659	104	73857	9.656	ug/l	98
71) Bromoform	10.799	173	19133	9.988	ug/l #	99
73) Isopropylbenzene	10.964	105	116468	9.891	ug/l	100
74) N-amyl acetate	10.842	43	34792	7.643	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.213	83	39528	9.799	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	37531m	10.243	ug/l	
77) Bromobenzene	11.201	156	28502	9.989	ug/l	92
78) n-propylbenzene	11.305	91	130505	9.457	ug/l	99
79) 2-Chlorotoluene	11.366	91	82919	9.675	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	98360	9.914	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	10215	8.289	ug/l	98
82) 4-Chlorotoluene	11.457	91	90813	9.478	ug/l	99
83) tert-Butylbenzene	11.713	119	99705	10.237	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	96585	9.509	ug/l	97
85) sec-Butylbenzene	11.890	105	125552	9.932	ug/l	100
86) p-Isopropyltoluene	12.012	119	98387	9.382	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	54994	9.775	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	53954	9.354	ug/l	96
89) n-Butylbenzene	12.335	91	84710	8.630	ug/l	98
90) Hexachloroethane	12.543	117	17939	9.743	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	54650	9.577	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8896	8.841	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	35565	9.749	ug/l	98
94) Hexachlorobutadiene	13.725	225	15779	10.186	ug/l	98
95) Naphthalene	13.774	128	129973	9.962	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	37881	10.285	ug/l	98

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ALS Vial : 6 Sample Multiplier: 1

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MSVOA_X
ClientSampleId :
VSTDICC010

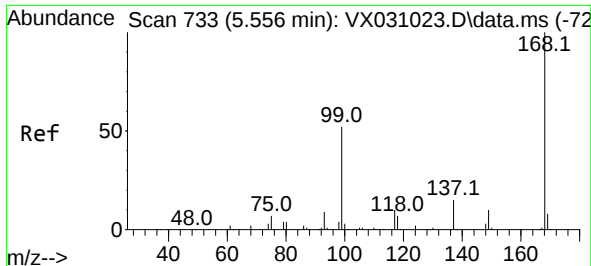
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 09/02/2022

Quant Time: Sep 01 13:22:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 01 13:21:01 2022
Response via : Initial Calibration

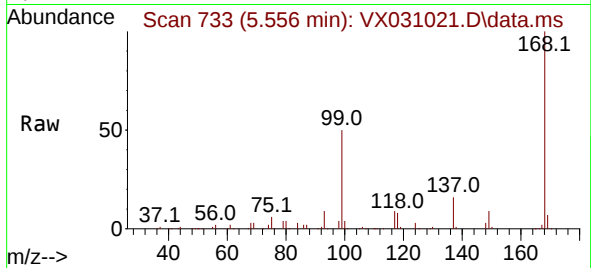
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX031021.D
Acq: 01 Sep 2022 11:47

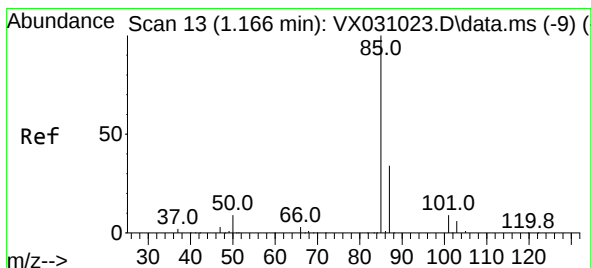
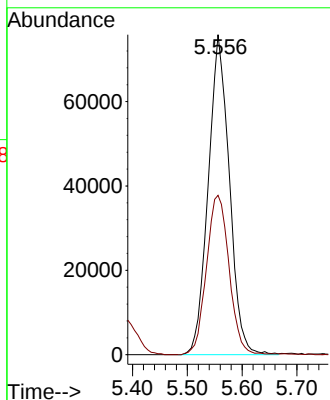
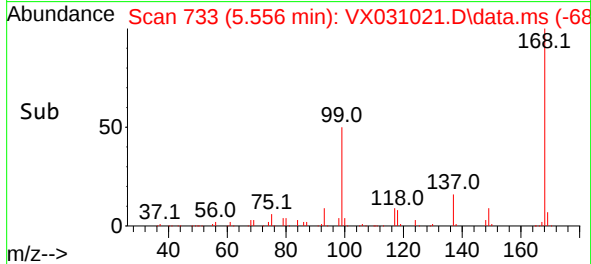
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC010



Tgt Ion:168 Resp: 202639
Ion Ratio Lower Upper
168 100
99 49.8 44.0 66.0

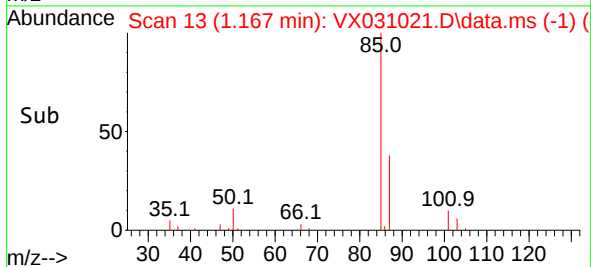
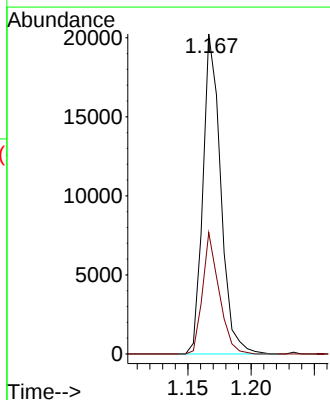
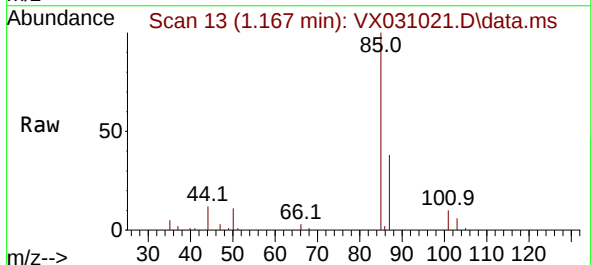
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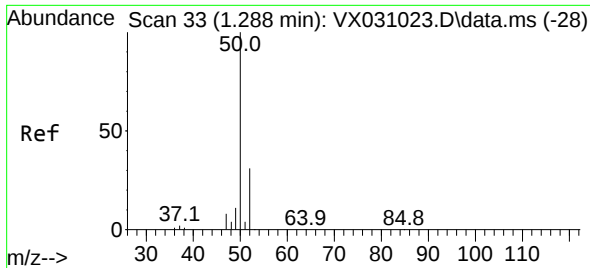
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#2
Dichlorodifluoromethane
Concen: 9.256 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX031021.D
Acq: 01 Sep 2022 11:47

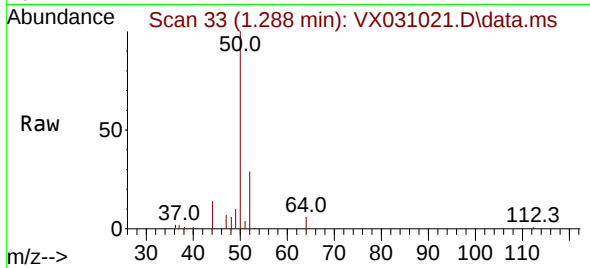
Tgt Ion: 85 Resp: 19843
Ion Ratio Lower Upper
85 100
87 37.9 16.5 49.5





#3
Chloromethane
Concen: 7.710 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX031021.D
Acq: 01 Sep 2022 11:47

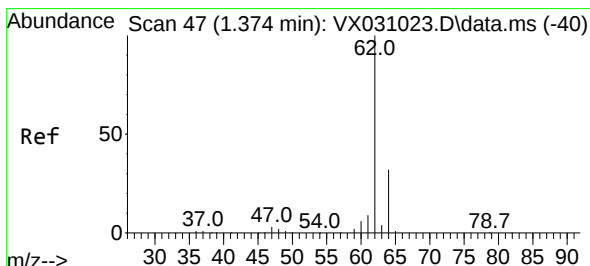
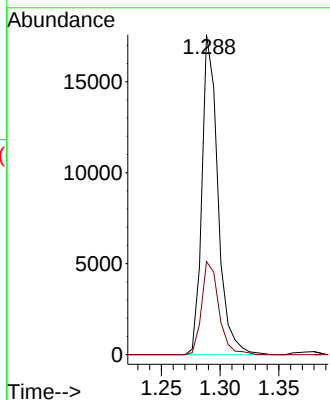
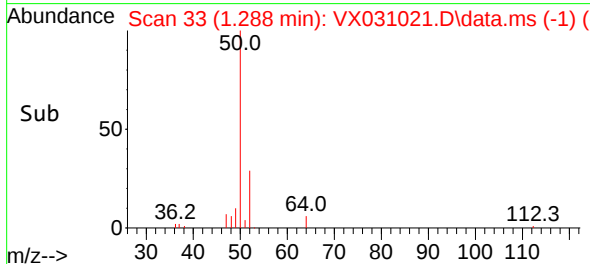
Instrument :
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Tgt Ion: 50 Resp: 16659
Ion Ratio Lower Upper
50 100
52 29.1 26.3 39.5

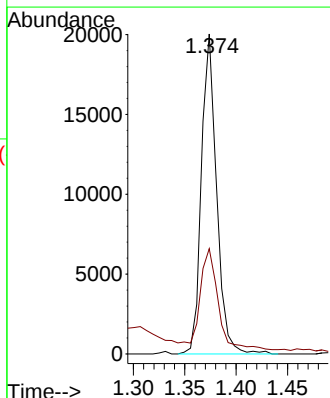
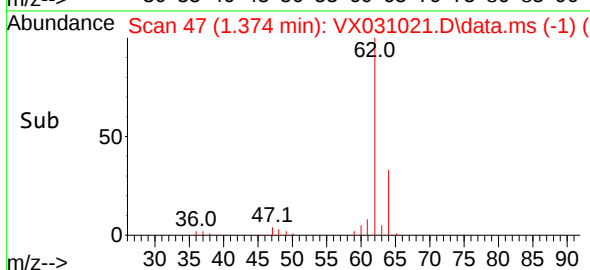
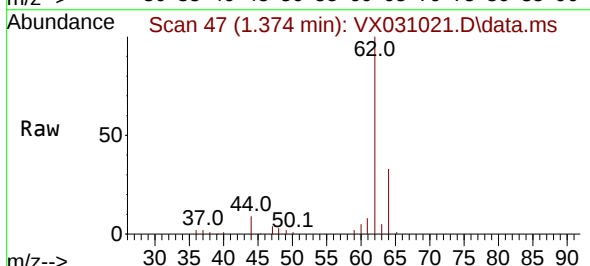
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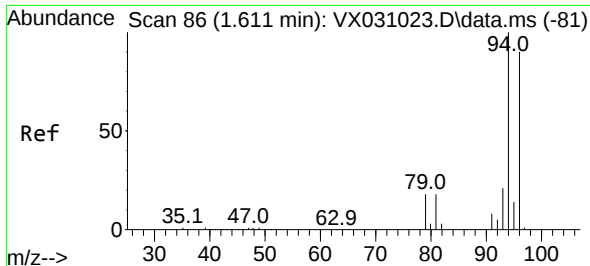
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#4
Vinyl Chloride
Concen: 8.103 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX031021.D
Acq: 01 Sep 2022 11:47

Tgt Ion: 62 Resp: 20683
Ion Ratio Lower Upper
62 100
64 31.6 25.2 37.8





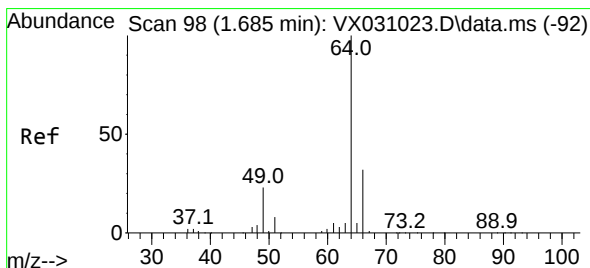
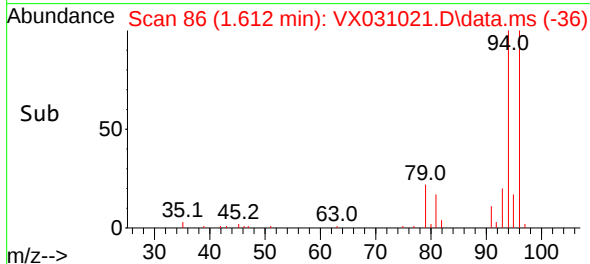
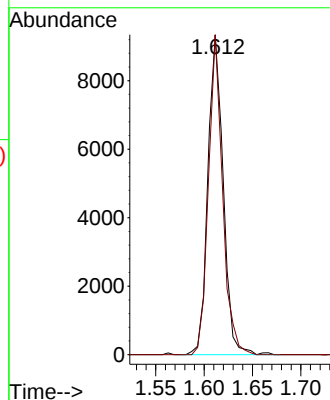
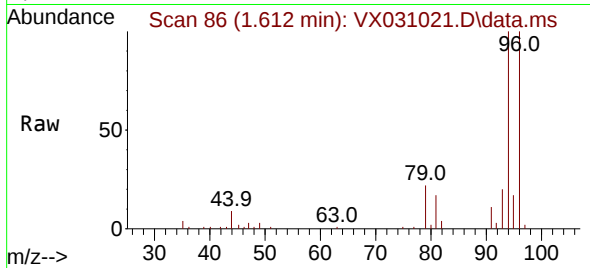
#5
Bromomethane
Concen: 10.832 ug/l
RT: 1.612 min Scan# 80
Delta R.T. 0.007 min
Lab File: VX031021.D
Acq: 01 Sep 2022 11:47

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 94 Resp: 1030
Ion Ratio Lower Upper
94 100
96 100.1 76.9 115.3

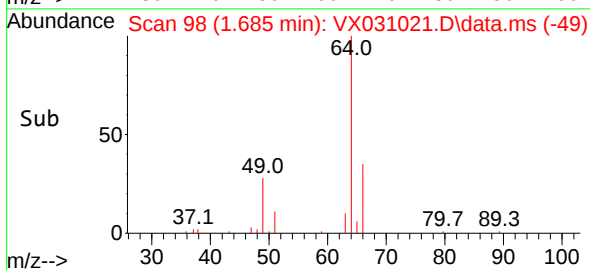
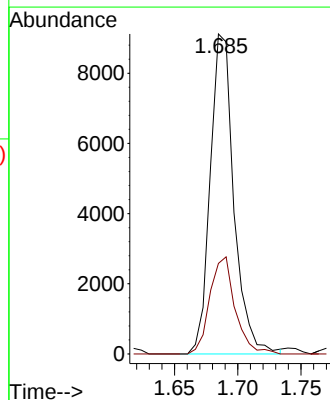
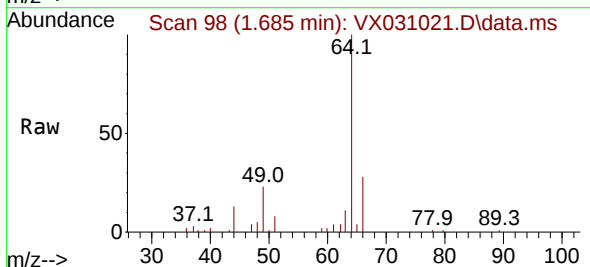
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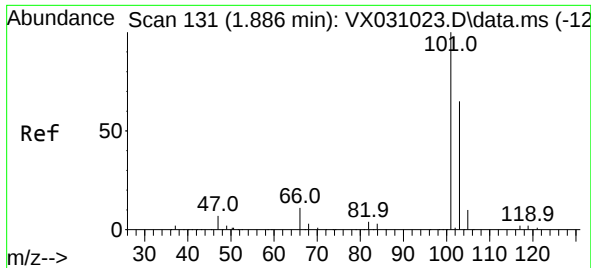
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#6
Chloroethane
Concen: 7.739 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX031021.D
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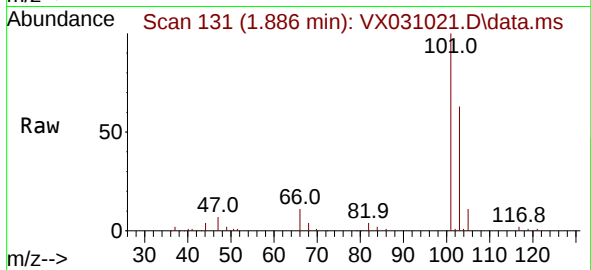
Tgt Ion: 64 Resp: 11878
Ion Ratio Lower Upper
64 100
66 28.3 27.2 40.8





#7
Trichlorofluoromethane
Concen: 9.178 ug/l
RT: 1.886 min Scan# 131
Delta R.T. -0.000 min
Lab File: VX031021.D
Acq: 01 Sep 2022 11:47

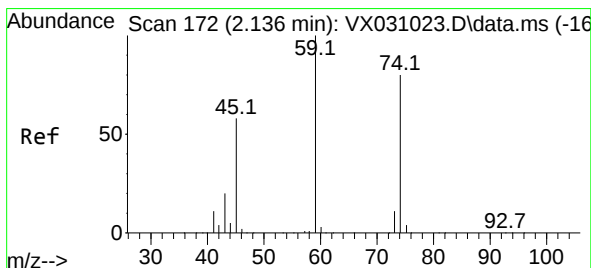
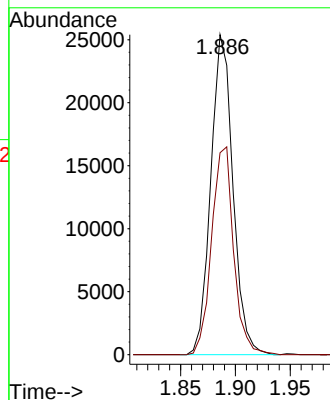
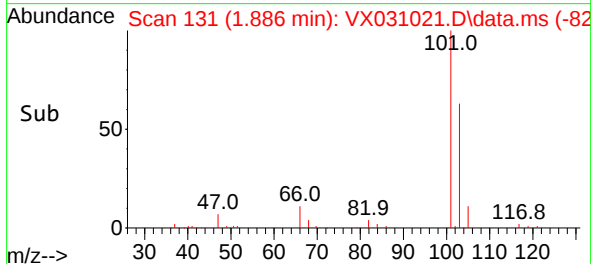
Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 3563
Ion Ratio Lower Upper
101 100
103 63.1 49.7 74.5

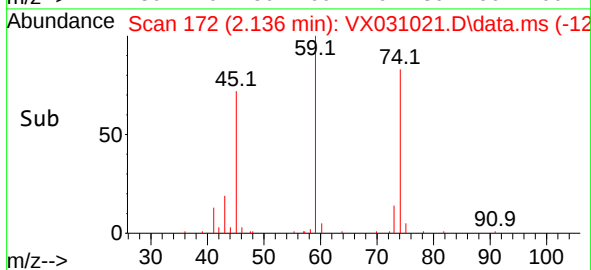
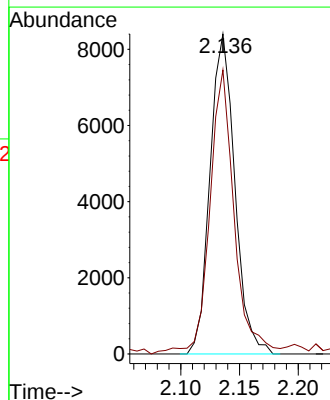
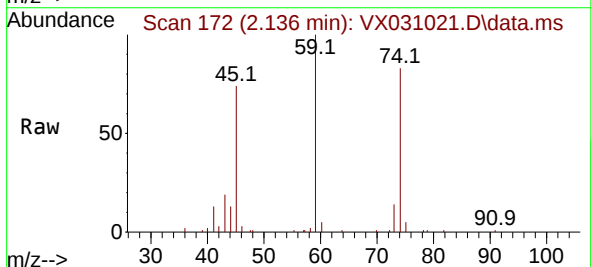
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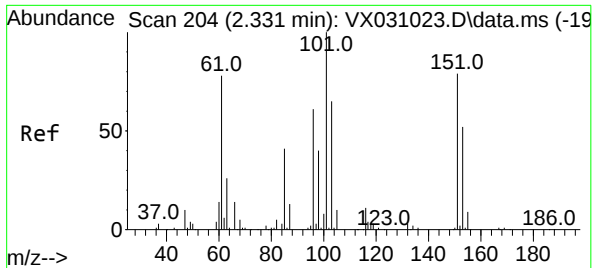
Reviewed By :John Carlone 09/02/2022
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#8
Diethyl Ether
Concen: 8.224 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 12321
Ion Ratio Lower Upper
74 100
45 87.4 51.5 154.7





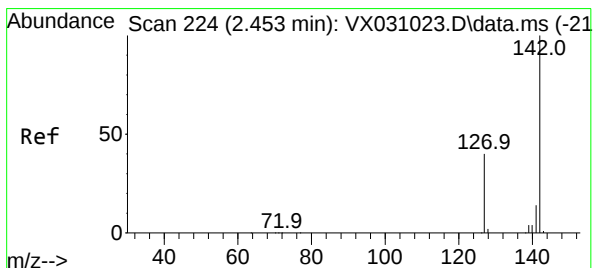
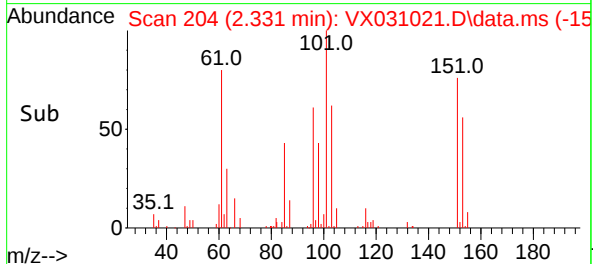
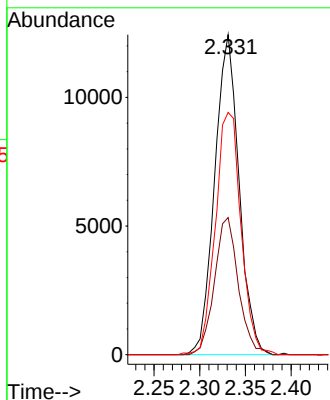
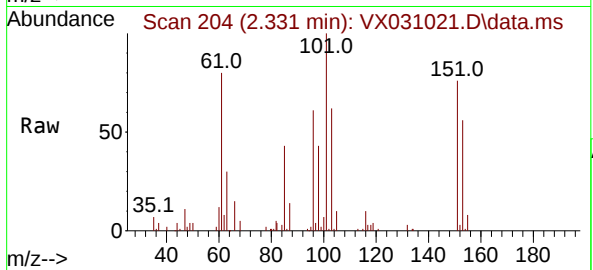
#9
1,1,2-Trichlorotrifluoroethane
Concen: 9.238 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX031021.D
Acq: 01 Sep 2022 11:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Tgt Ion:101 Resp: 23064
Ion Ratio Lower Upper
101 100
85 42.1 34.0 51.0
151 79.5 59.4 89.0

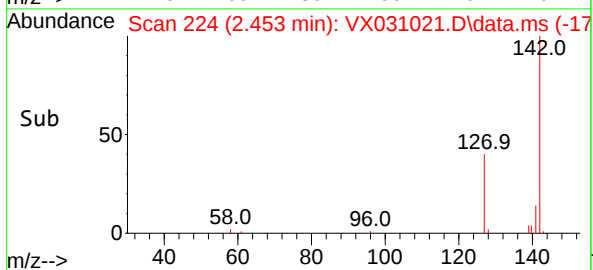
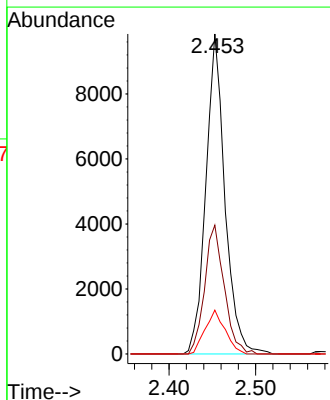
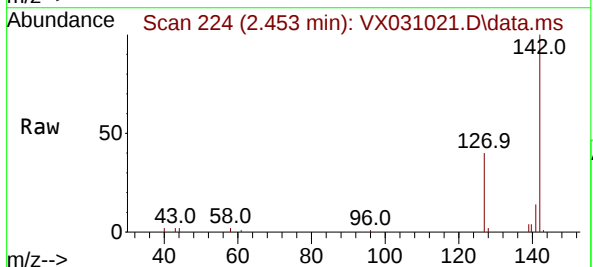
Manual Integrations
APPROVED

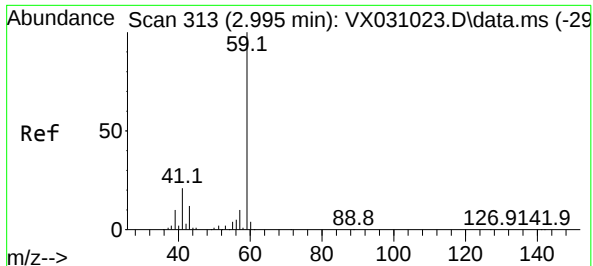
Reviewed By :John Carbone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#10
Methyl Iodide
Concen: 7.988 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX031021.D
Acq: 01 Sep 2022 11:47

Tgt Ion:142 Resp: 15057
Ion Ratio Lower Upper
142 100
127 41.3 30.2 45.2
141 14.4 11.3 16.9





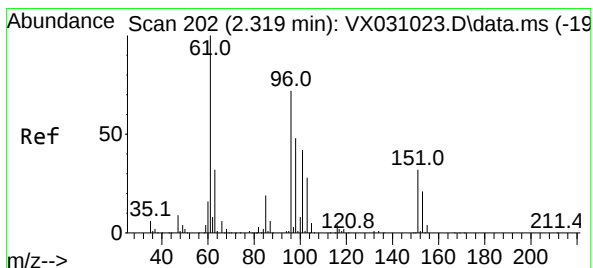
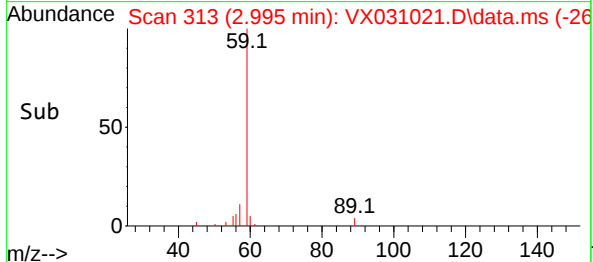
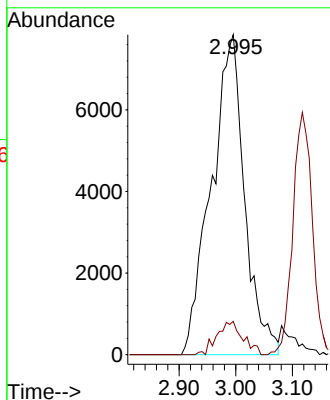
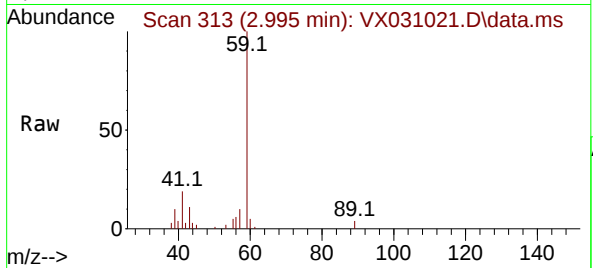
#11
Tert butyl alcohol
Concen: 46.482 ug/l
RT: 2.995 min Scan# 313
Delta R.T. 0.006 min
Lab File: VX031021.D
Acq: 01 Sep 2022 11:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Tgt Ion: 59 Resp: 3200
Ion Ratio Lower Upper
59 100
57 8.1 7.4 11.2

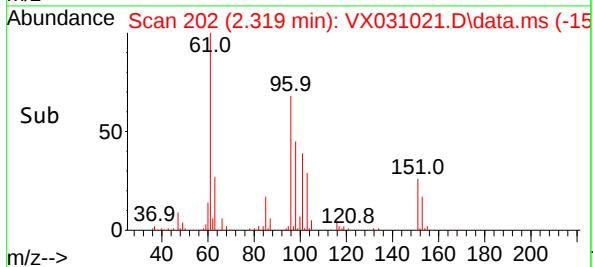
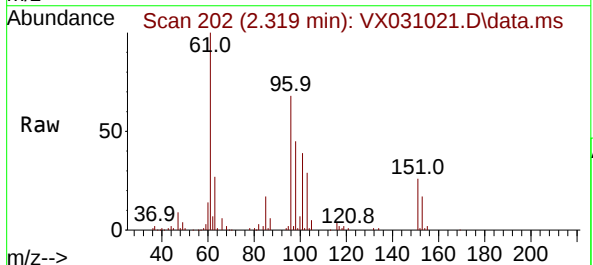
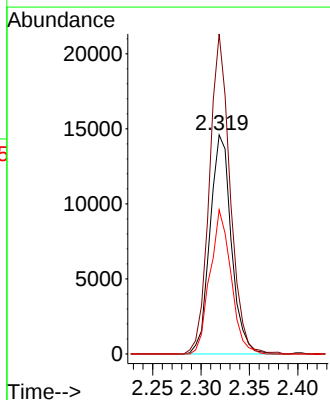
Manual Integrations
APPROVED

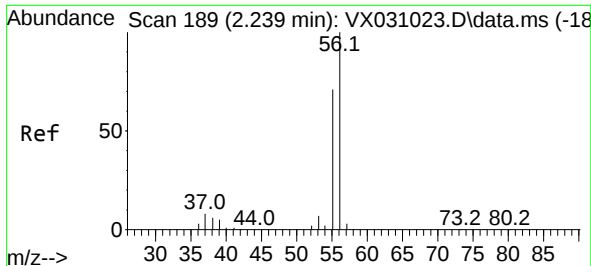
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#12
1,1-Dichloroethene
Concen: 9.114 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX031021.D
Acq: 01 Sep 2022 11:47

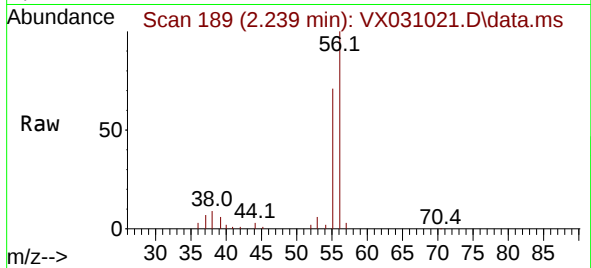
Tgt Ion: 96 Resp: 22446
Ion Ratio Lower Upper
96 100
61 146.1 117.4 176.0
98 65.8 52.2 78.4





#13
Acrolein
Concen: 74.665 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX031021.D
Acq: 01 Sep 2022 11:47

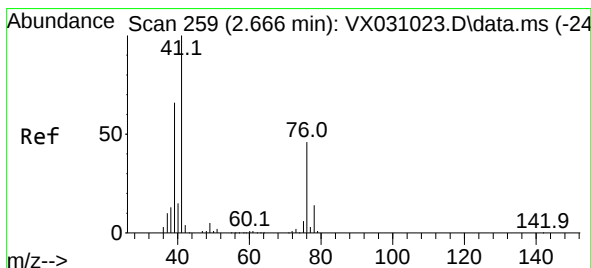
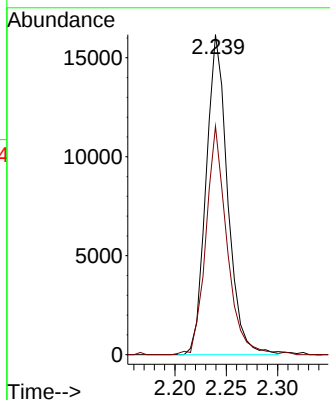
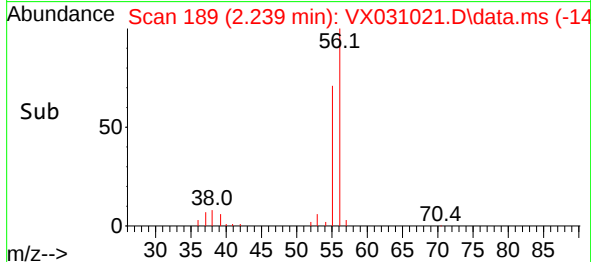
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC010



Tgt Ion: 56 Resp: 23528
Ion Ratio Lower Upper
56 100
55 70.1 56.6 84.8

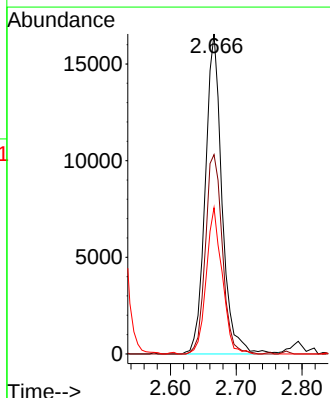
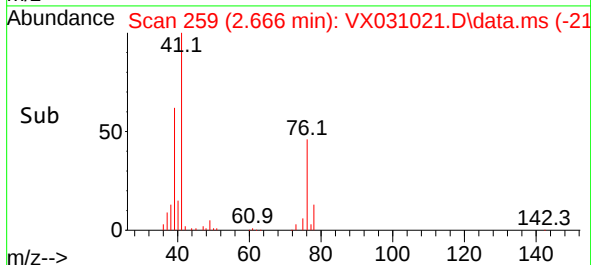
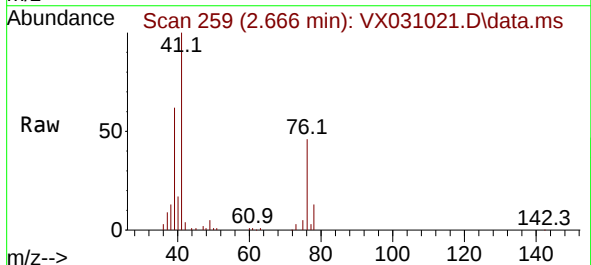
Manual Integrations
APPROVED

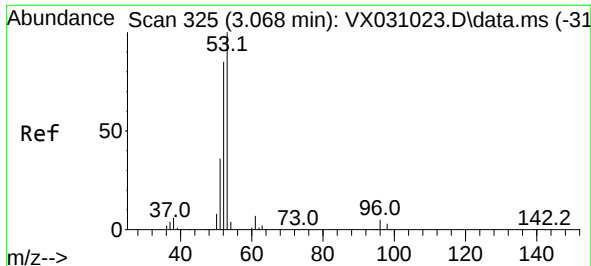
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#14
Allyl chloride
Concen: 7.333 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX031021.D
Acq: 01 Sep 2022 11:47

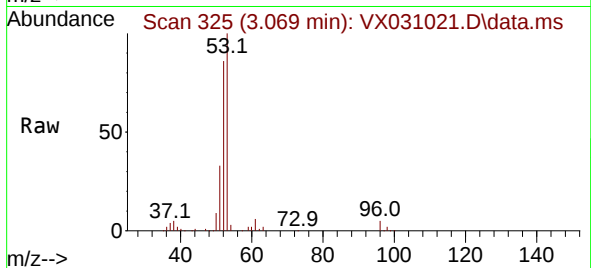
Tgt Ion: 41 Resp: 29297
Ion Ratio Lower Upper
41 100
39 63.0 48.9 73.3
76 43.5 26.9 40.3





#15
Acrylonitrile
Concen: 40.342 ug/l
RT: 3.069 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX031021.D
Acq: 01 Sep 2022 11:47

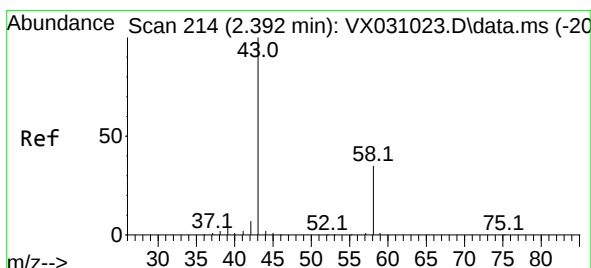
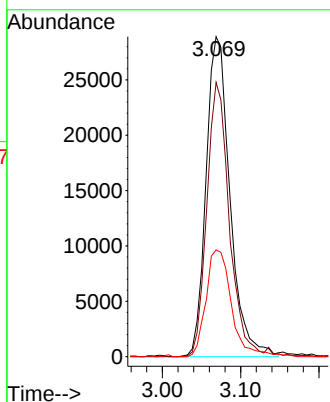
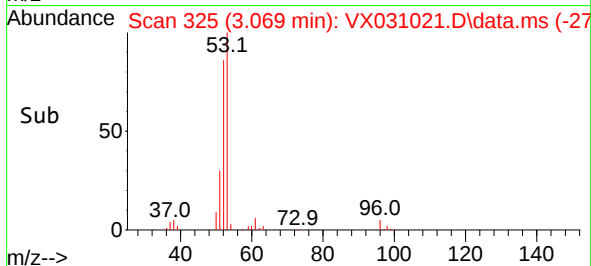
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC010



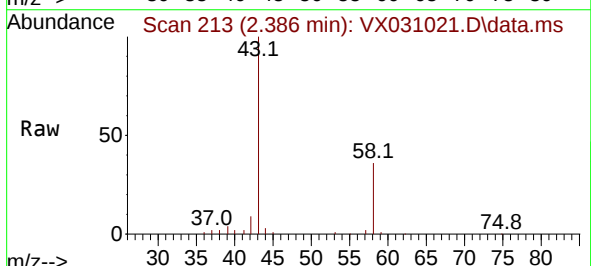
Tgt Ion: 53 Resp: 61342
Ion Ratio Lower Upper
53 100
52 80.1 65.4 98.0
51 35.6 27.7 41.5

Manual Integrations
APPROVED

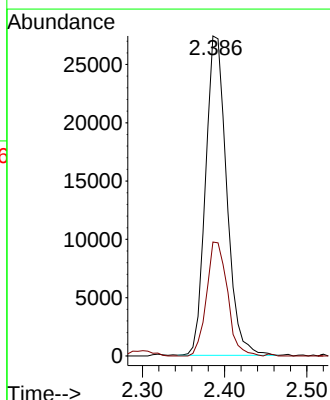
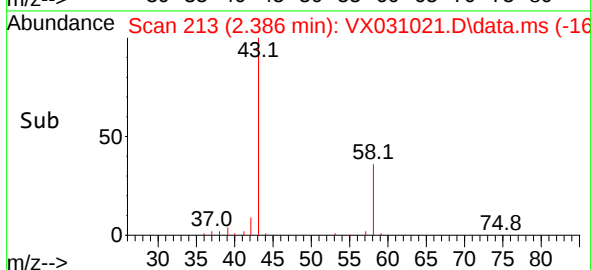
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022

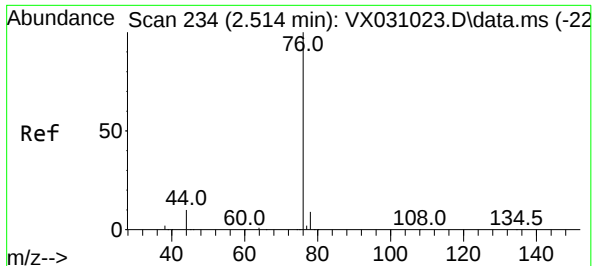


#16
Acetone
Concen: 37.251 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX031021.D
Acq: 01 Sep 2022 11:47



Tgt Ion: 43 Resp: 48864
Ion Ratio Lower Upper
43 100
58 35.7 27.7 41.5





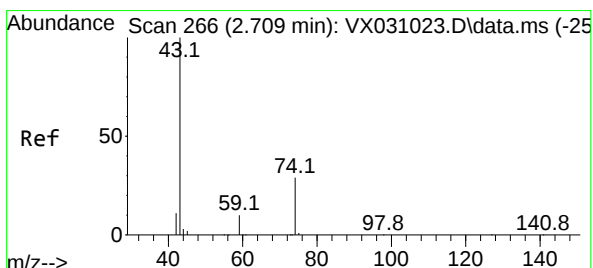
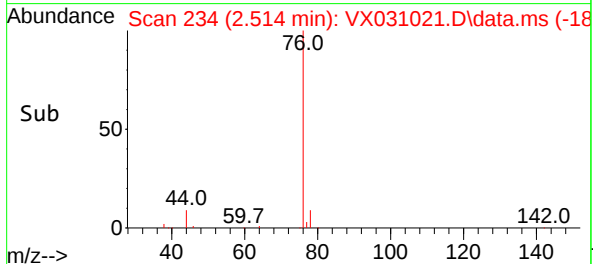
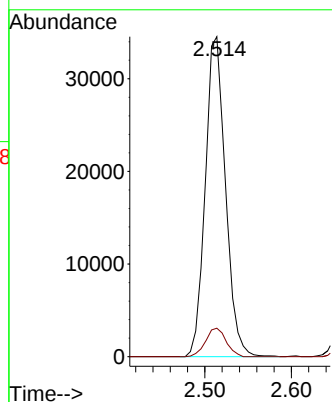
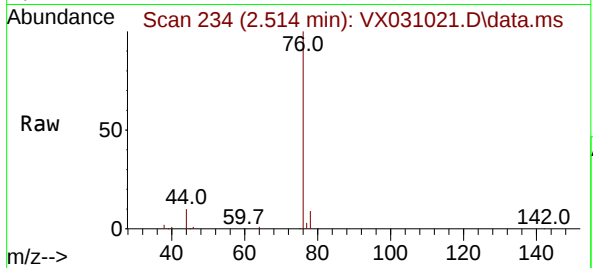
#17
Carbon Disulfide
Concen: 8.605 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX031021.D
Acq: 01 Sep 2022 11:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC010

Tgt Ion: 76 Resp: 55920
Ion Ratio Lower Upper
76 100
78 8.9 7.8 11.6

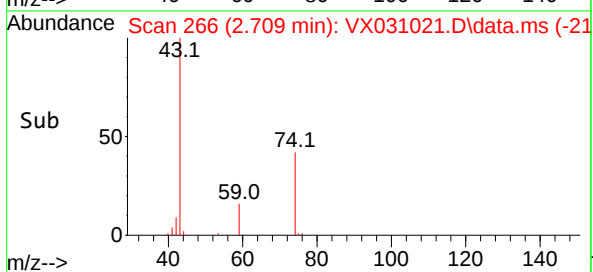
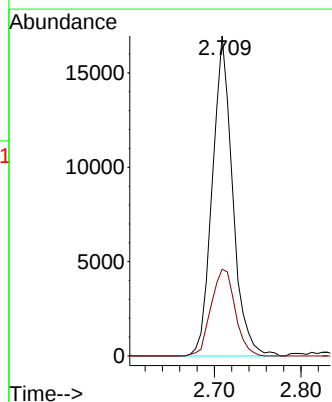
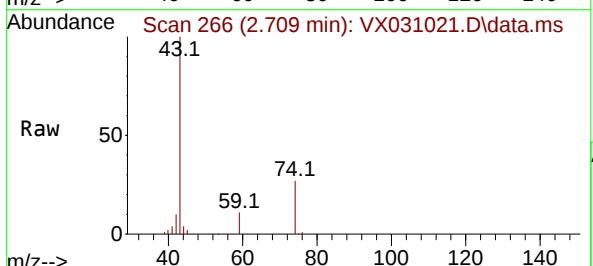
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#18
Methyl Acetate
Concen: 7.182 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX031021.D
Acq: 01 Sep 2022 11:47

Tgt Ion: 43 Resp: 27639
Ion Ratio Lower Upper
43 100
74 32.0 19.4 29.2#





#19

Methyl tert-butyl Ether

Concen: 8.730 ug/l

RT: 3.117 min Scan# 311

Delta R.T. 0.000 min

Lab File: VX031021.D

Acq: 01 Sep 2022 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

Tgt Ion: 73 Resp: 7002

Ion Ratio Lower Upper

73 100

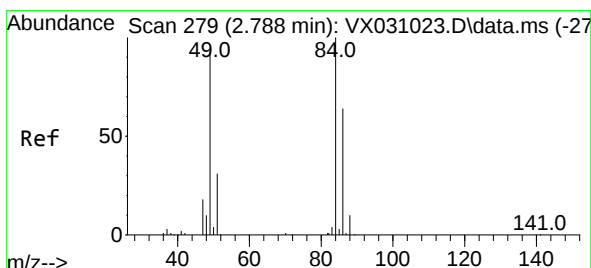
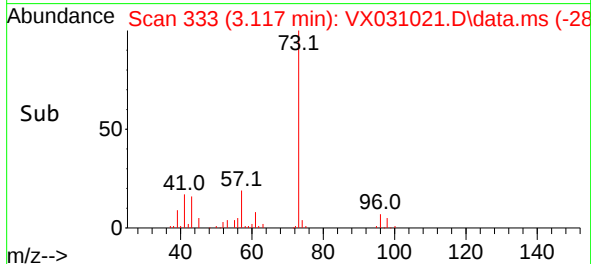
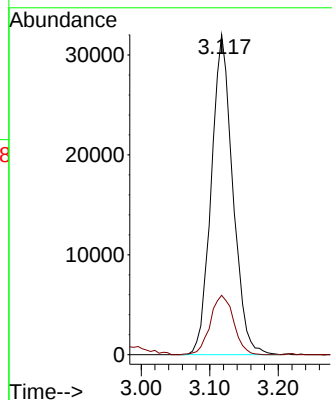
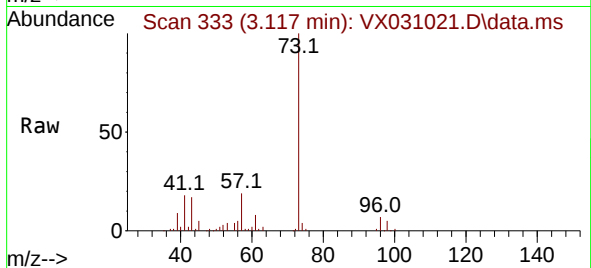
57 18.5 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2022

Supervised By :Mahesh Dadoda 09/02/2022



#20

Methylene Chloride

Concen: 8.667 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX031021.D

Acq: 01 Sep 2022 11:47

Tgt Ion: 84 Resp: 25849

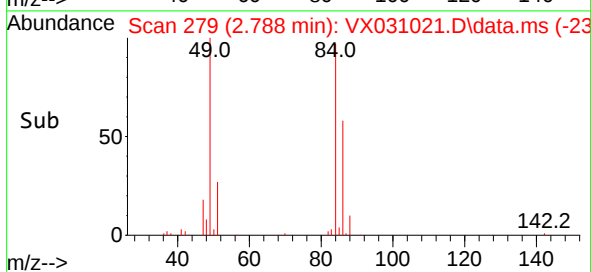
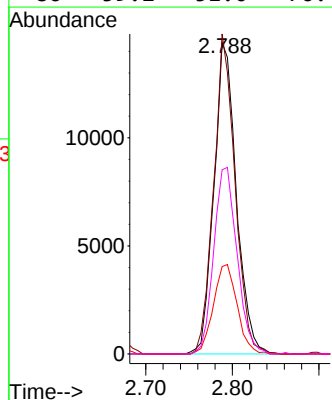
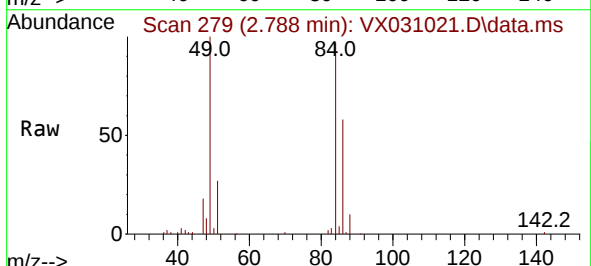
Ion Ratio Lower Upper

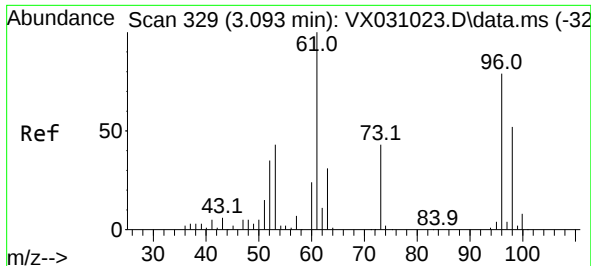
84 100

49 102.8 93.8 140.6

51 28.1 29.4 44.0#

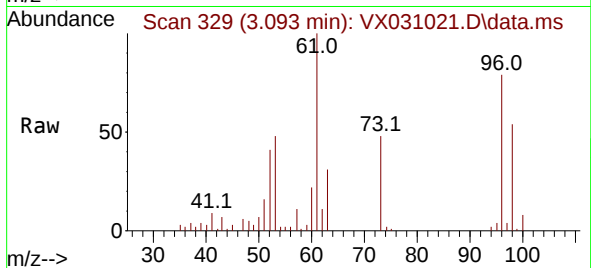
86 59.2 51.0 76.4





#21
trans-1,2-Dichloroethene
Concen: 9.414 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX031021.D
Acq: 01 Sep 2022 11:47

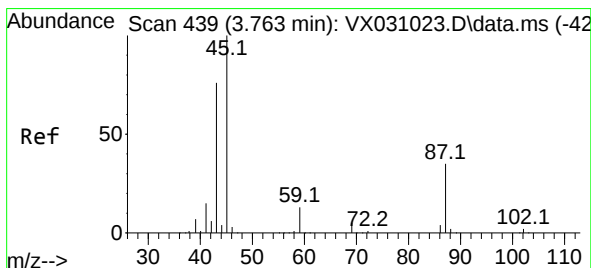
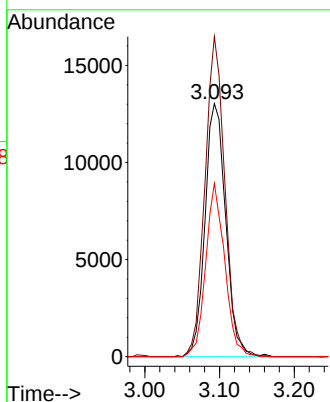
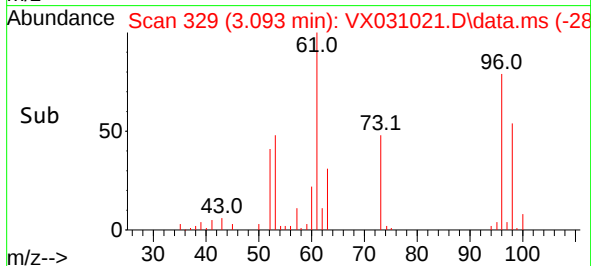
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010



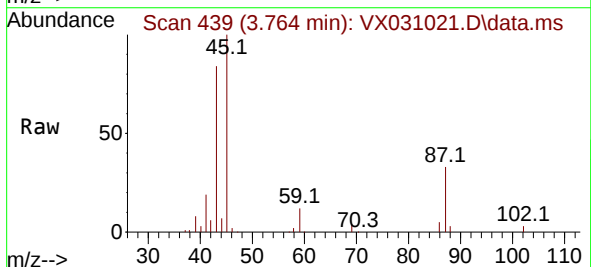
Tgt Ion: 96 Resp: 25138
Ion Ratio Lower Upper
96 100
61 126.4 105.6 158.4
98 68.4 50.1 75.1

Manual Integrations
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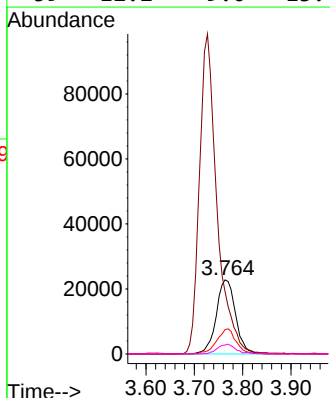
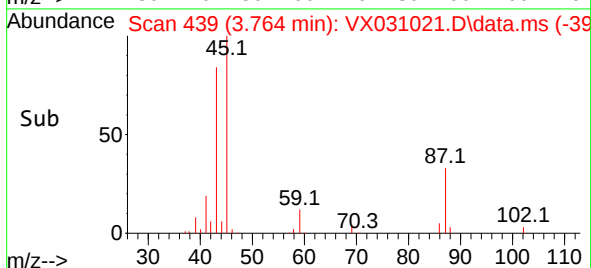
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#22
Diisopropyl ether
Concen: 7.672 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX031021.D
Acq: 01 Sep 2022 11:47



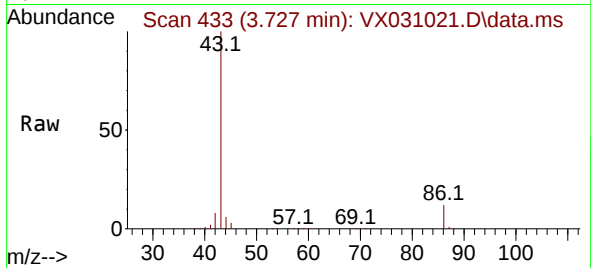
Tgt Ion: 45 Resp: 63160
Ion Ratio Lower Upper
45 100
43 83.7 65.4 98.0
87 33.0 22.3 33.5
59 12.2 9.0 13.4





#23
 Vinyl Acetate
 Concen: 37.786 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX031021.D
 Acq: 01 Sep 2022 11:47

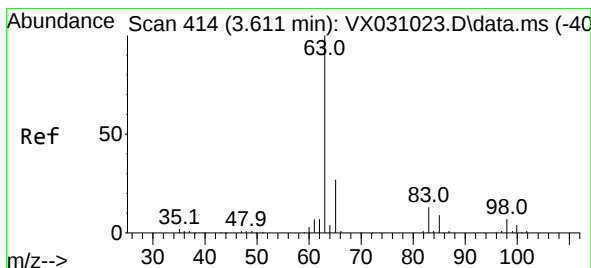
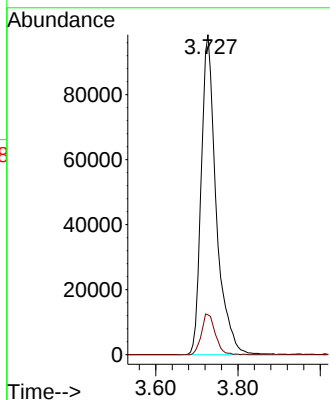
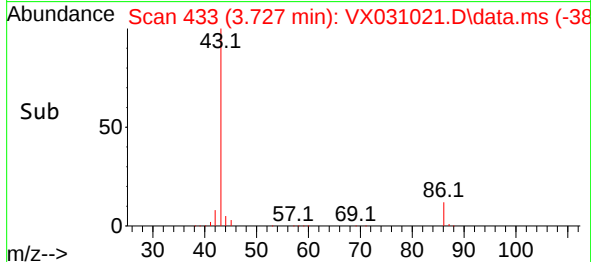
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010



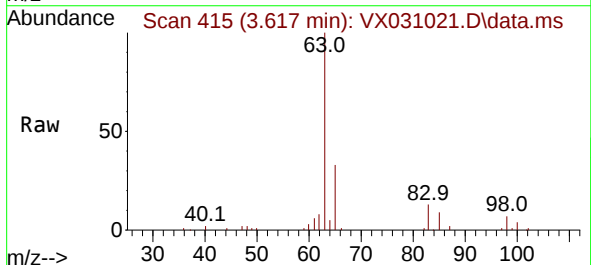
Tgt Ion: 43 Resp: 24957
 Ion Ratio Lower Upper
 43 100
 86 12.5 8.5 12.7

Manual Integrations
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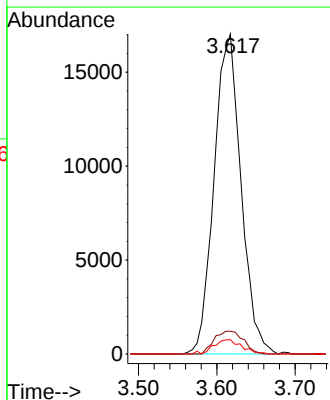
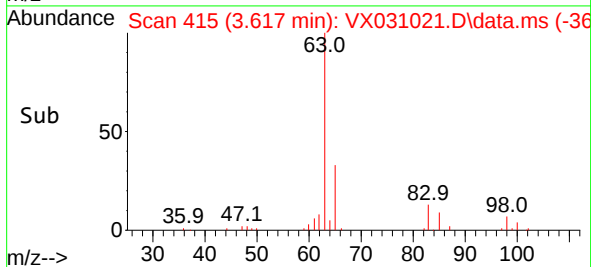
Reviewed By :John Carlone 09/02/2022
 Supervised By :Mahesh Dadoda 09/02/2022

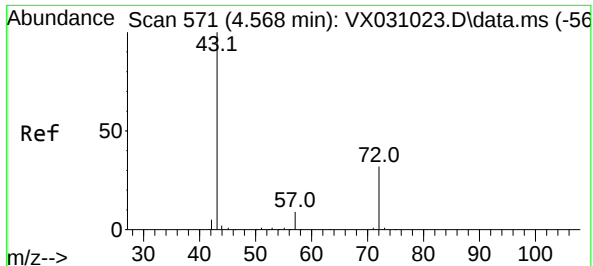


#24
 1,1-Dichloroethane
 Concen: 8.438 ug/l
 RT: 3.617 min Scan# 415
 Delta R.T. 0.006 min
 Lab File: VX031021.D
 Acq: 01 Sep 2022 11:47



Tgt Ion: 63 Resp: 40683
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.5
 100 4.5 2.3 6.9





#25

2-Butanone

Concen: 35.772 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.000 min

Lab File: VX031021.D

Acq: 01 Sep 2022 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC010

Tgt Ion: 43 Resp: 7596

Ion Ratio Lower Upper

43 100

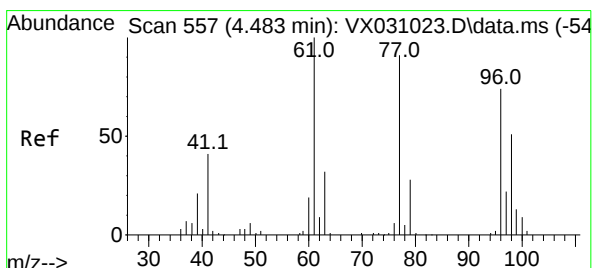
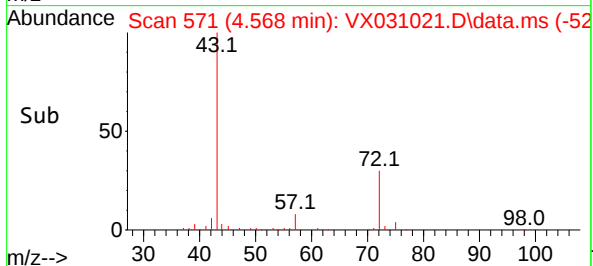
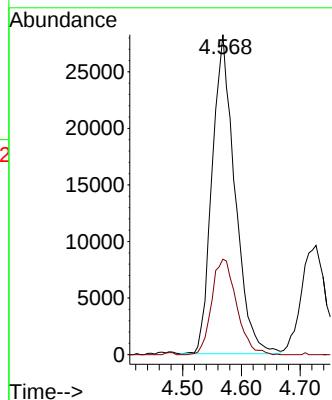
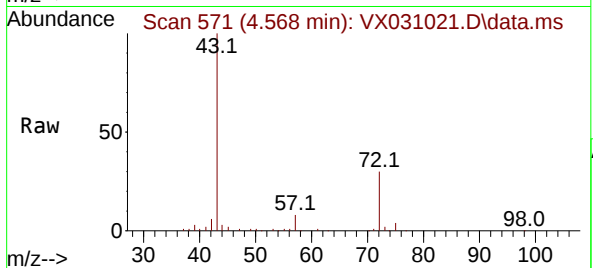
72 30.0 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2022

Supervised By :Mahesh Dadoda 09/02/2022



#26

2,2-Dichloropropane

Concen: 8.656 ug/l

RT: 4.483 min Scan# 557

Delta R.T. 0.006 min

Lab File: VX031021.D

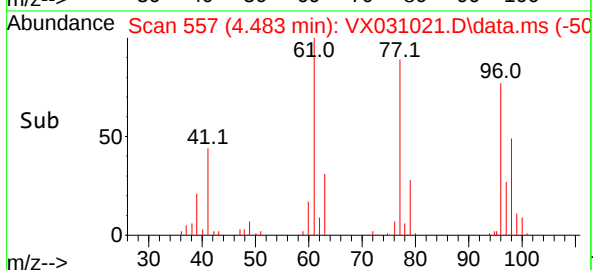
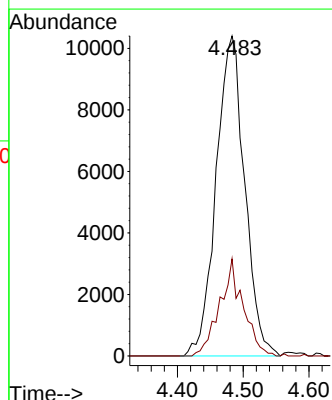
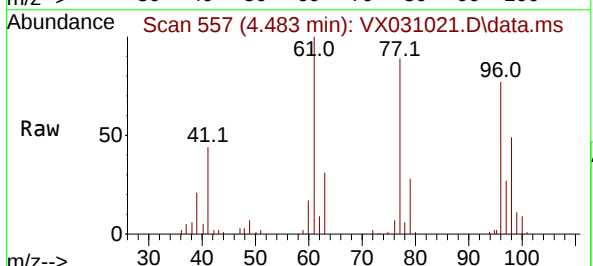
Acq: 01 Sep 2022 11:47

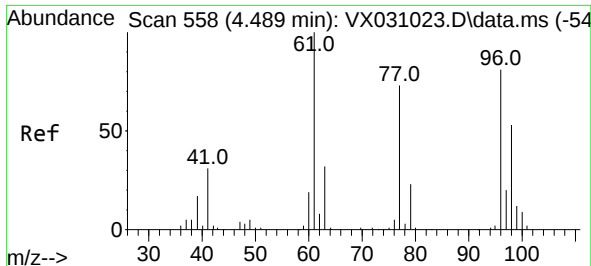
Tgt Ion: 77 Resp: 31448

Ion Ratio Lower Upper

77 100

97 25.0 13.0 39.0





#27

cis-1,2-Dichloroethene

Concen: 9.064 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX031021.D

Acq: 01 Sep 2022 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

Tgt Ion: 96 Resp: 2789

Ion Ratio Lower Upper

96 100

61 125.9 0.0 270.0

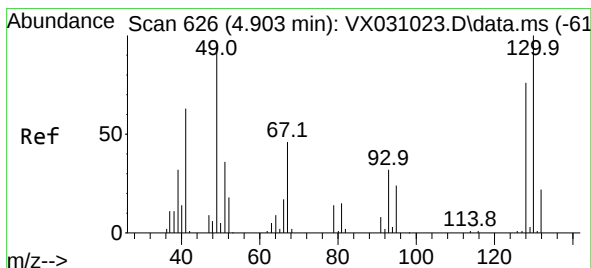
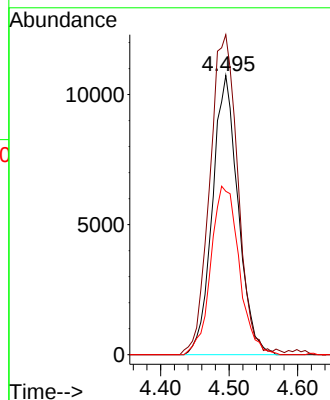
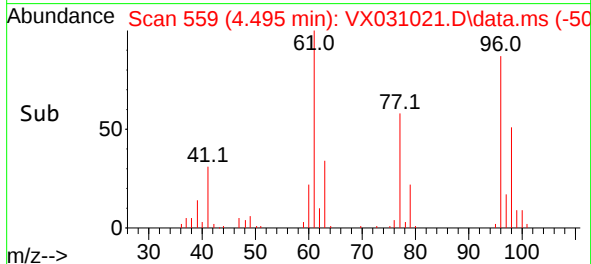
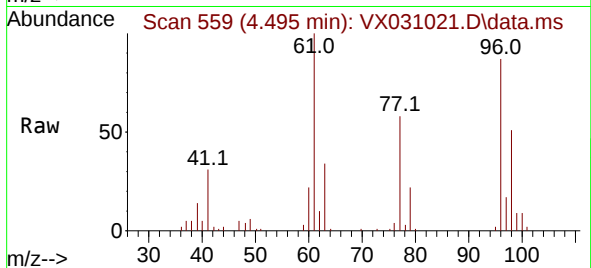
98 66.5 0.0 127.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2022

Supervised By :Mahesh Dadoda 09/02/2022



#28

Bromochloromethane

Concen: 6.944 ug/l

RT: 4.904 min Scan# 626

Delta R.T. -0.000 min

Lab File: VX031021.D

Acq: 01 Sep 2022 11:47

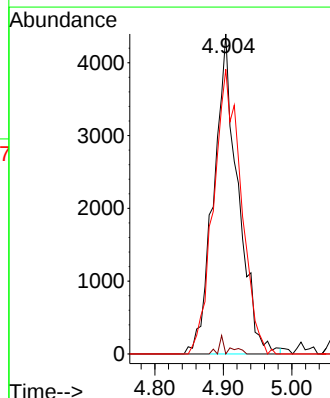
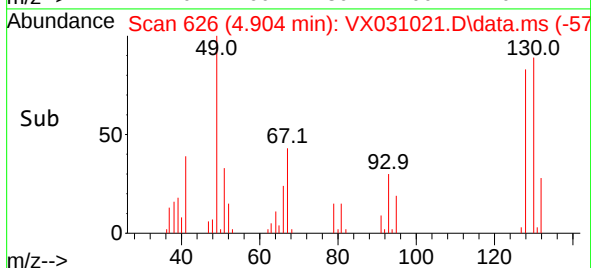
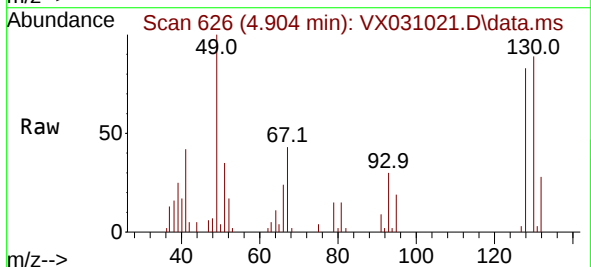
Tgt Ion: 49 Resp: 10830

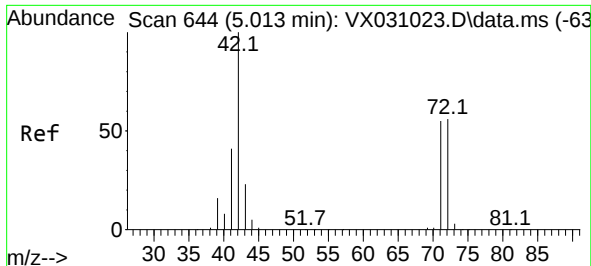
Ion Ratio Lower Upper

49 100

129 1.6 0.0 4.4

130 100.9 62.8 94.2#





#29

Tetrahydrofuran

Concen: 34.087 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.000 min

Lab File: VX031021.D

Acq: 01 Sep 2022 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC010

Tgt Ion: 42 Resp: 46820

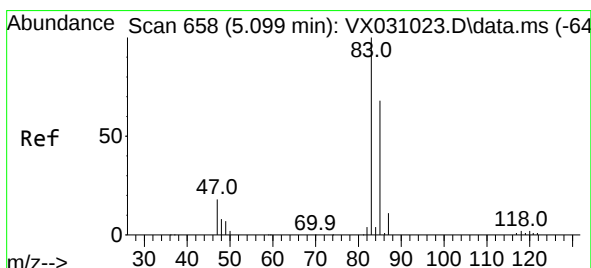
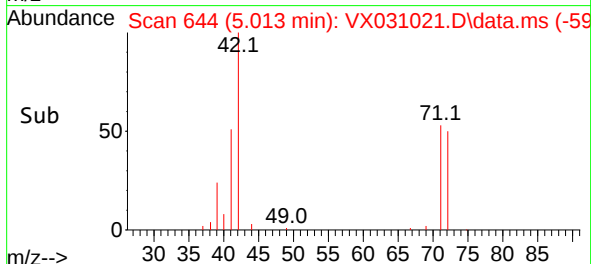
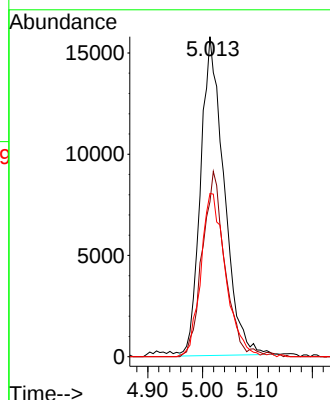
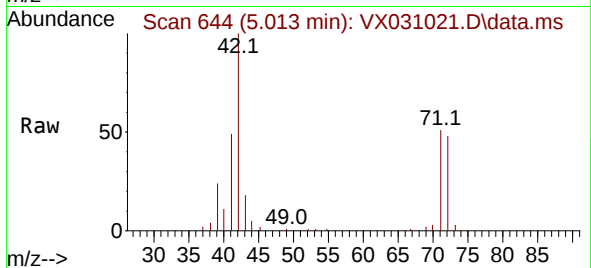
Ion	Ratio	Lower	Upper
42	100		
72	55.1	36.5	54.7
71	54.3	33.9	50.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2022

Supervised By :Mahesh Dadoda 09/02/2022



#30

Chloroform

Concen: 9.265 ug/l

RT: 5.099 min Scan# 658

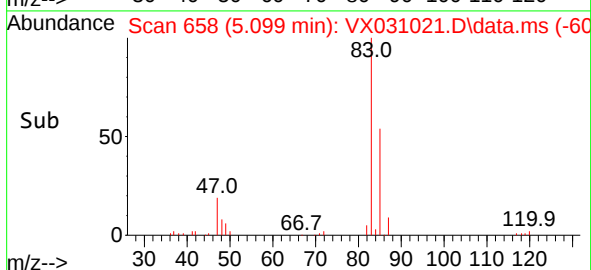
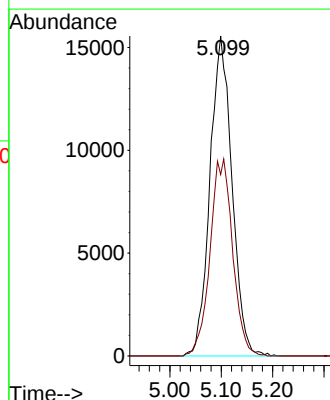
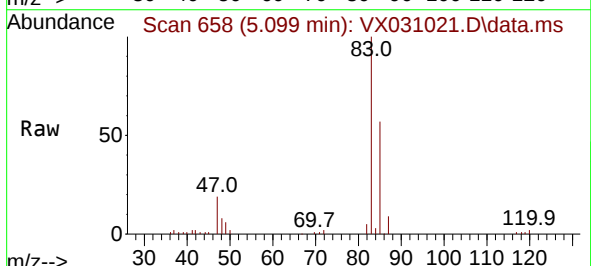
Delta R.T. -0.000 min

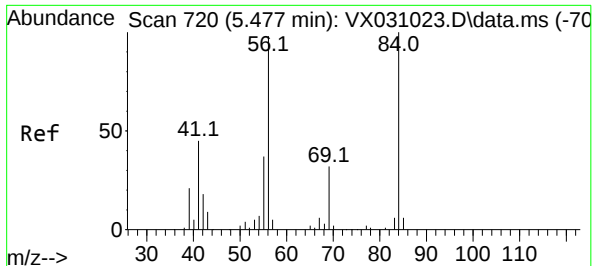
Lab File: VX031021.D

Acq: 01 Sep 2022 11:47

Tgt Ion: 83 Resp: 46337

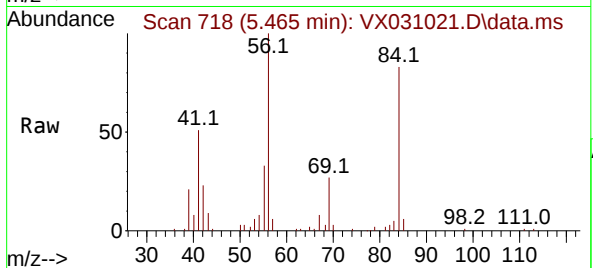
Ion	Ratio	Lower	Upper
83	100		
85	56.7	51.5	77.3





#31
Cyclohexane
Concen: 7.971 ug/l
RT: 5.465 min Scan# 718
Delta R.T. -0.012 min
Lab File: VX031021.D
Acq: 01 Sep 2022 11:47

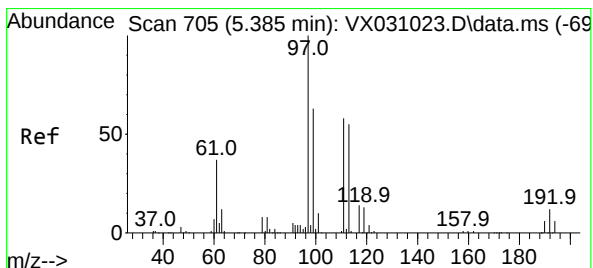
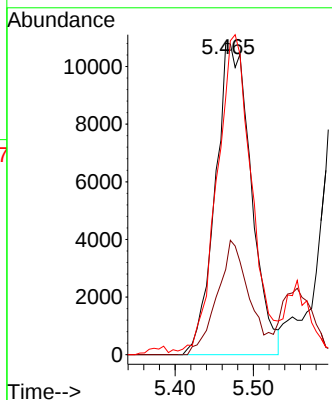
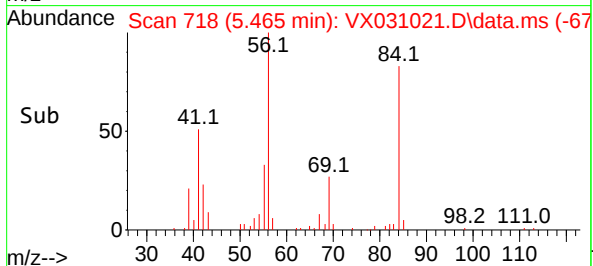
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC010



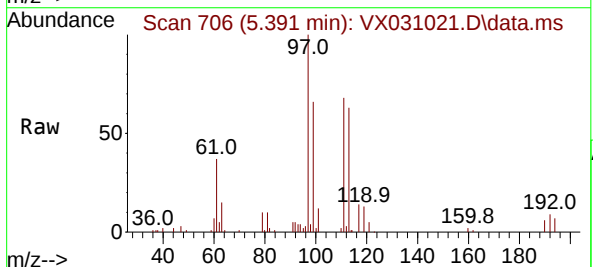
Tgt Ion: 56 Resp: 34290
Ion Ratio Lower Upper
56 100
69 27.4 25.4 38.0
84 81.4 68.9 103.3

Manual Integrations
APPROVED

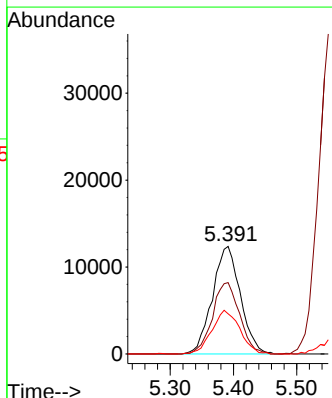
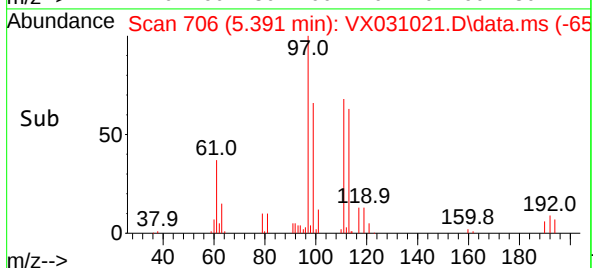
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022

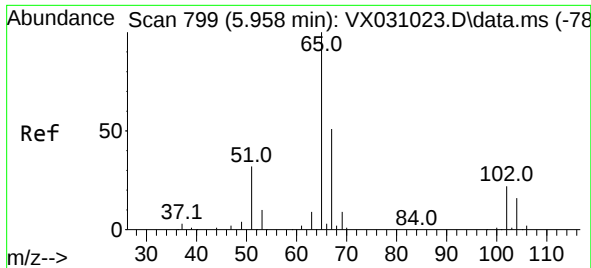


#32
1,1,1-Trichloroethane
Concen: 8.943 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX031021.D
Acq: 01 Sep 2022 11:47



Tgt Ion: 97 Resp: 37917
Ion Ratio Lower Upper
97 100
99 64.4 51.4 77.0
61 40.5 35.8 53.8





#33

1,2-Dichloroethane-d4

Concen: 8.684 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031021.D

Acq: 01 Sep 2022 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

Tgt Ion: 65 Resp: 25239

Ion Ratio Lower Upper

65 100

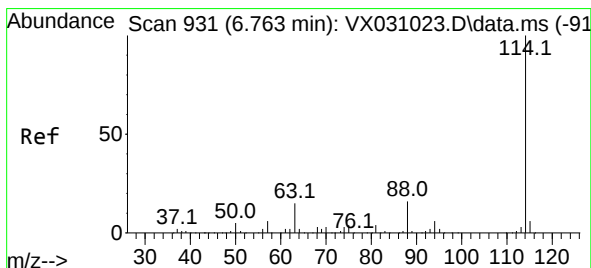
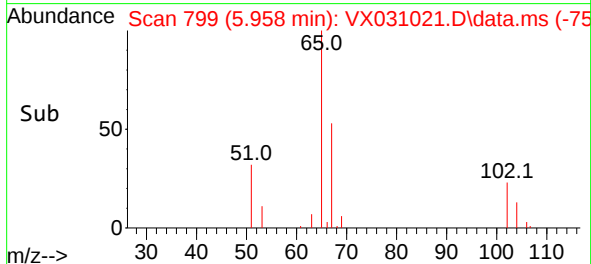
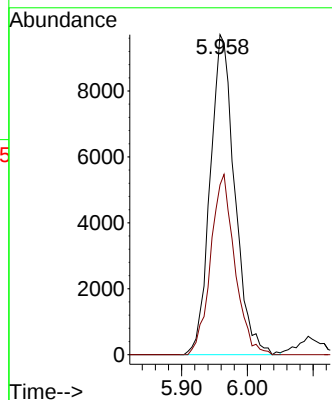
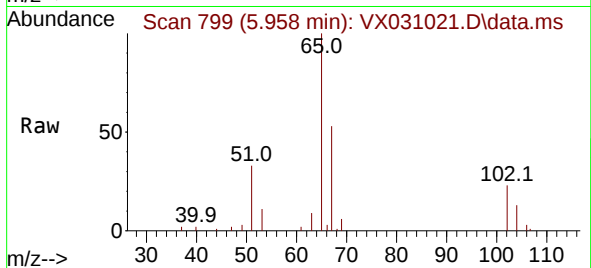
67 55.3 0.0 109.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2022

Supervised By :Mahesh Dadoda 09/02/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX031021.D

Acq: 01 Sep 2022 11:47

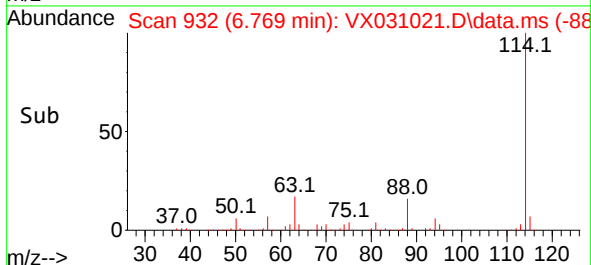
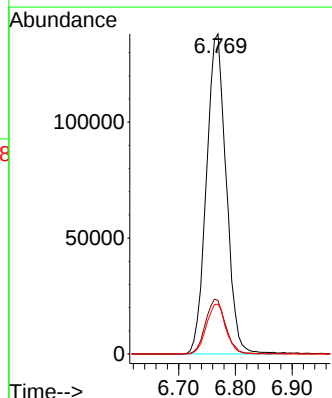
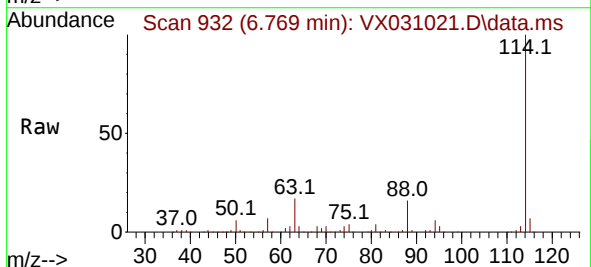
Tgt Ion:114 Resp: 334230

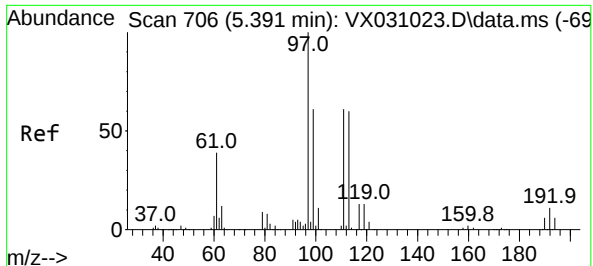
Ion Ratio Lower Upper

114 100

63 16.8 0.0 38.4

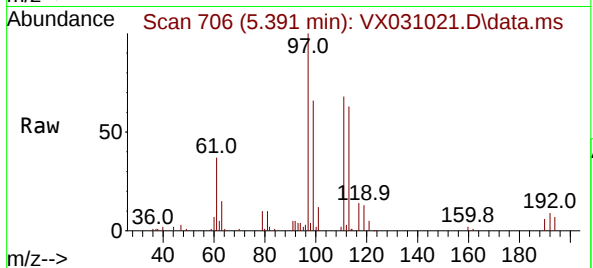
88 15.5 0.0 31.8





#35
Dibromofluoromethane
Concen: 9.576 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX031021.D
Acq: 01 Sep 2022 11:47

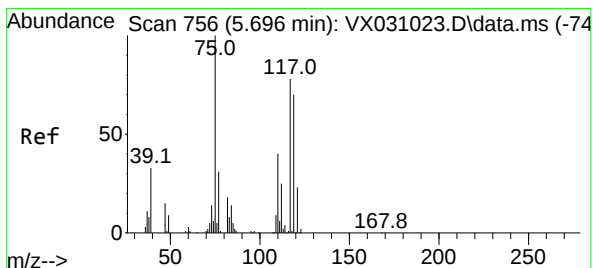
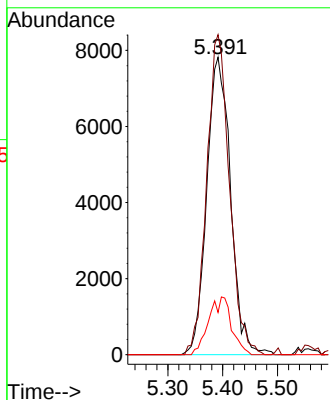
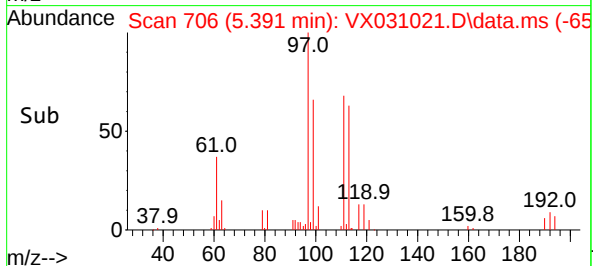
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010



Tgt Ion: 113 Resp: 23592
Ion Ratio Lower Upper
113 100
111 102.6 83.2 124.8
192 18.7 14.8 22.2

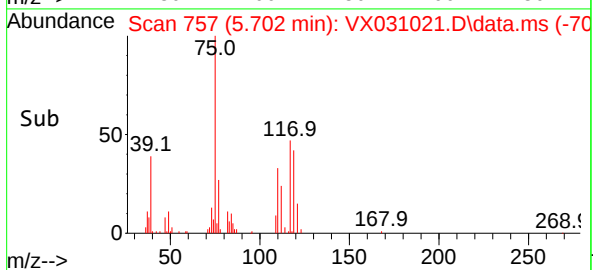
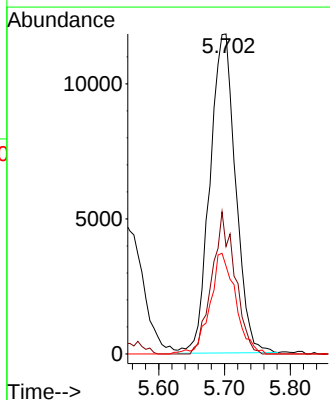
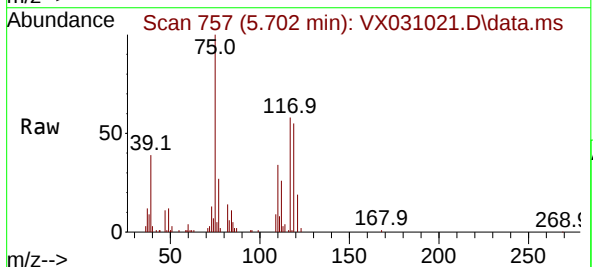
Manual Integrations
APPROVED

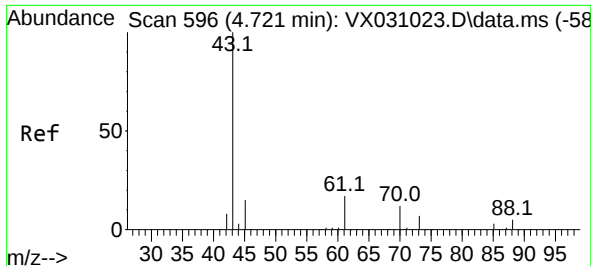
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#36
1,1-Dichloropropene
Concen: 8.768 ug/l
RT: 5.702 min Scan# 757
Delta R.T. 0.006 min
Lab File: VX031021.D
Acq: 01 Sep 2022 11:47

Tgt Ion: 75 Resp: 32108
Ion Ratio Lower Upper
75 100
110 40.1 19.3 57.9
77 31.4 24.4 36.6





#37

Ethyl Acetate

Concen: 7.427 ug/l

RT: 4.727 min Scan# 596

Delta R.T. 0.006 min

Lab File: VX031021.D

Acq: 01 Sep 2022 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

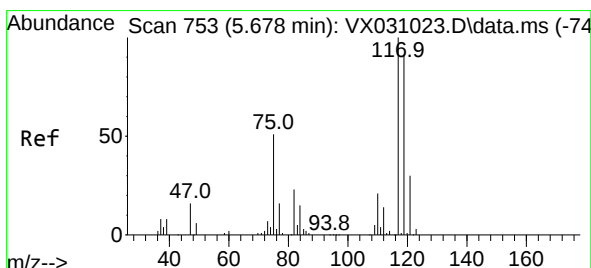
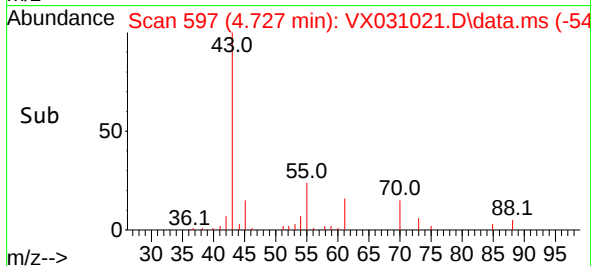
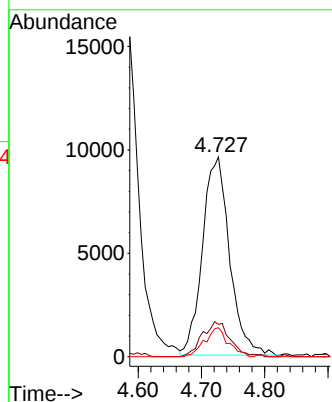
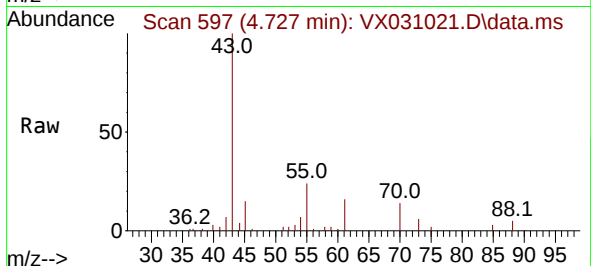
Tgt Ion:	43	Resp:	28594
Ion Ratio	Lower	Upper	
43	100		
61	18.2	11.7	17.5
70	12.7	9.3	13.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2022

Supervised By :Mahesh Dadoda 09/02/2022



#38

Carbon Tetrachloride

Concen: 9.571 ug/l

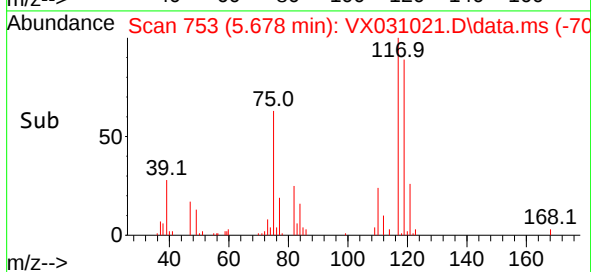
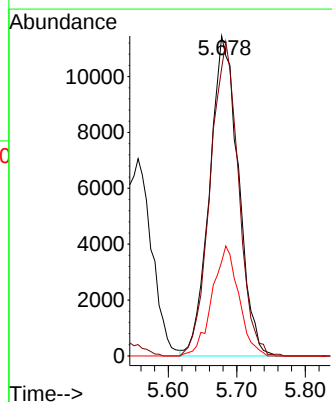
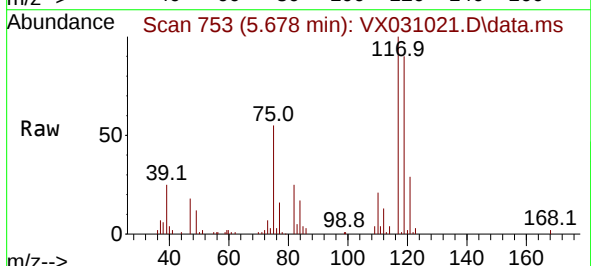
RT: 5.678 min Scan# 753

Delta R.T. -0.006 min

Lab File: VX031021.D

Acq: 01 Sep 2022 11:47

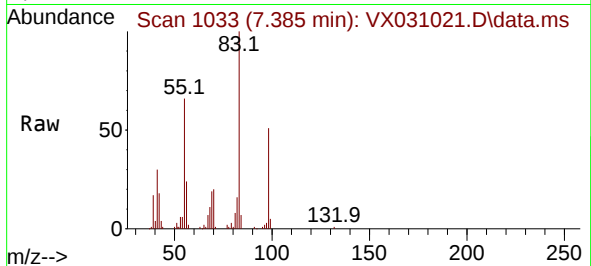
Tgt Ion:	117	Resp:	33368
Ion Ratio	Lower	Upper	
117	100		
119	89.9	74.1	111.1
121	29.4	25.8	38.8





#39
Methylcyclohexane
Concen: 9.307 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX031021.D
Acq: 01 Sep 2022 11:47

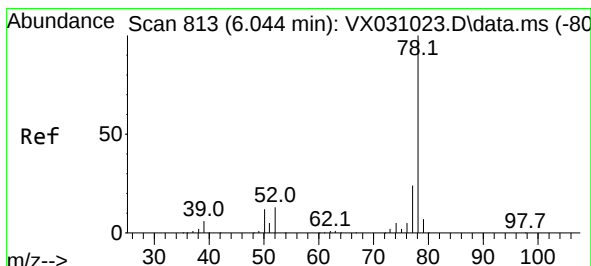
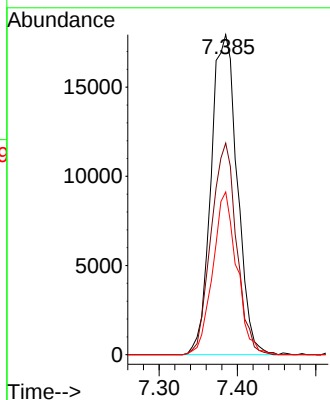
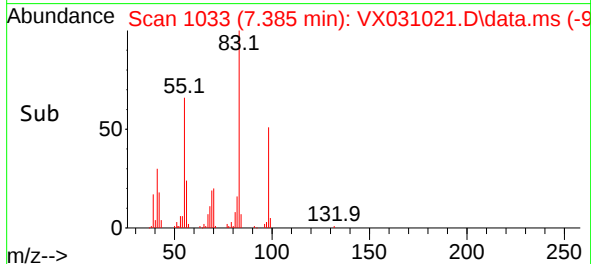
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC010



Tgt Ion: 83 Resp: 41680
Ion Ratio Lower Upper
83 100
55 66.1 57.7 86.5
98 50.8 36.5 54.7

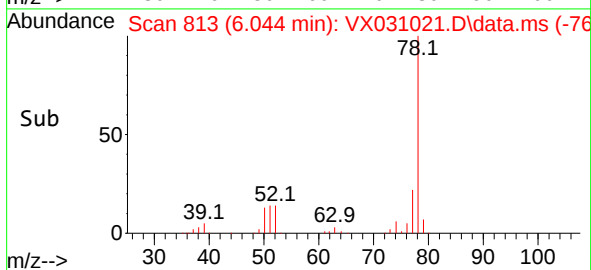
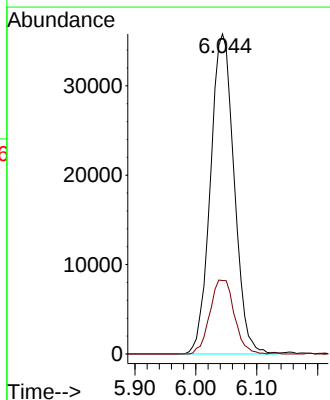
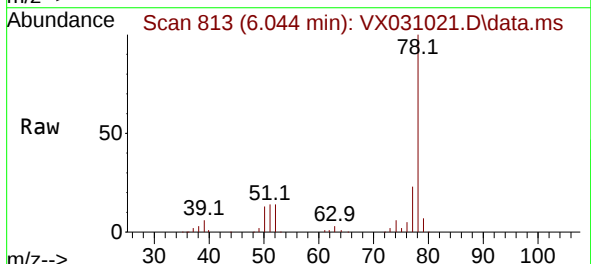
Manual Integrations
APPROVED

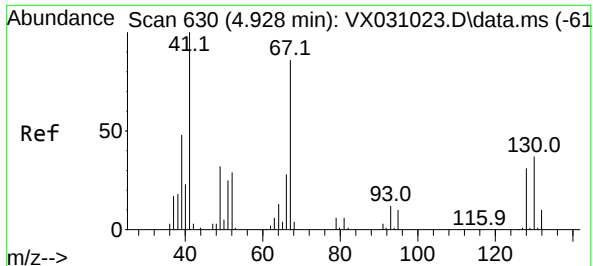
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#40
Benzene
Concen: 9.180 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX031021.D
Acq: 01 Sep 2022 11:47

Tgt Ion: 78 Resp: 96892
Ion Ratio Lower Upper
78 100
77 23.0 18.0 27.0





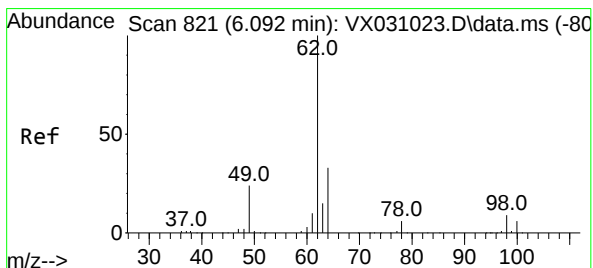
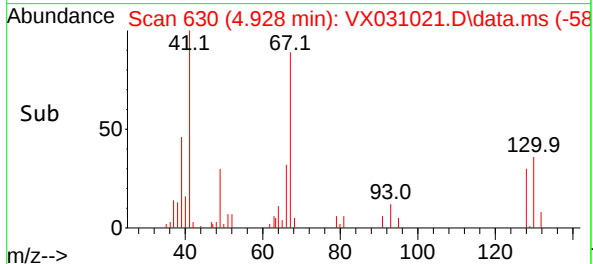
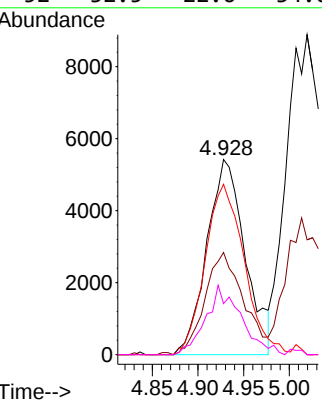
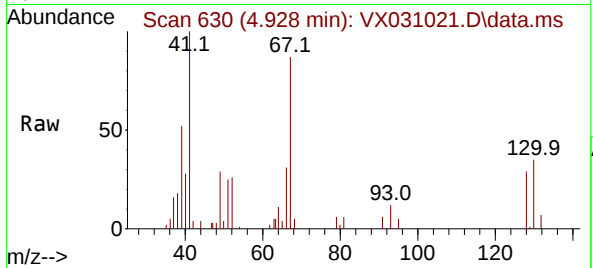
#41
Methacrylonitrile
Concen: 7.563 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX031021.D
Acq: 01 Sep 2022 11:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Tgt Ion: 41 Resp: 15814
Ion Ratio Lower Upper
41 100
39 52.2 42.9 64.3
67 89.0 60.1 90.1
52 32.5 22.6 34.0

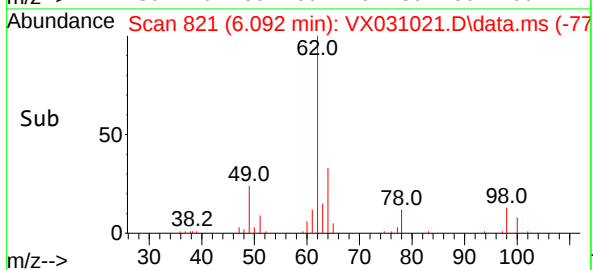
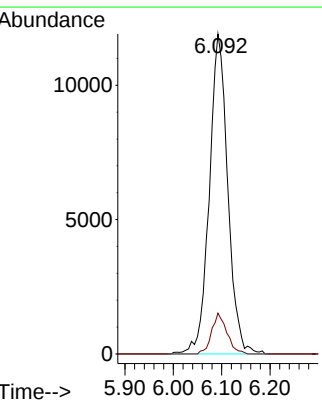
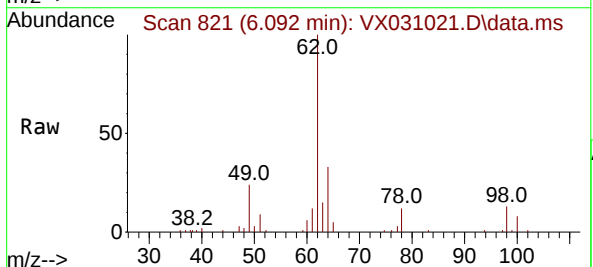
Manual Integrations
APPROVED

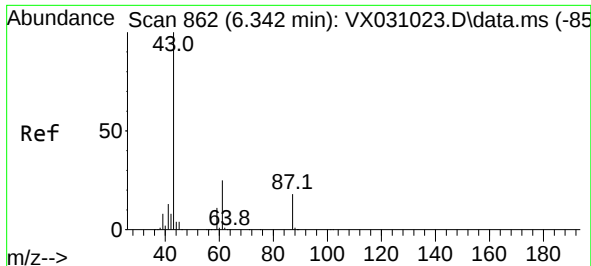
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#42
1,2-Dichloroethane
Concen: 9.017 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX031021.D
Acq: 01 Sep 2022 11:47

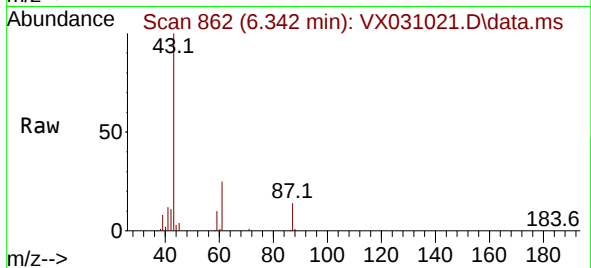
Tgt Ion: 62 Resp: 31612
Ion Ratio Lower Upper
62 100
98 10.5 0.0 20.2





#43
Isopropyl Acetate
Concen: 7.820 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.006 min
Lab File: VX031021.D
Acq: 01 Sep 2022 11:47

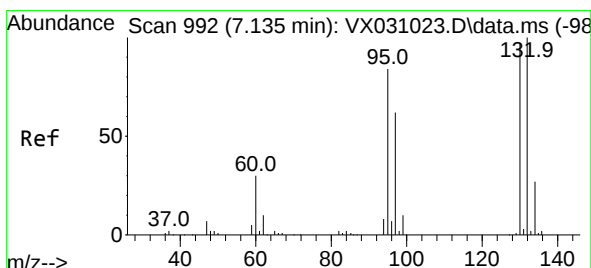
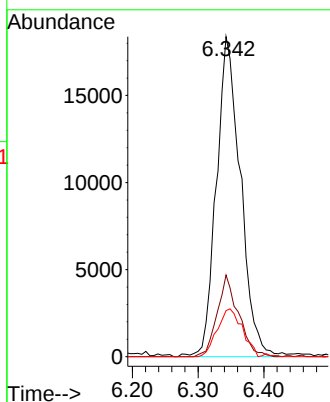
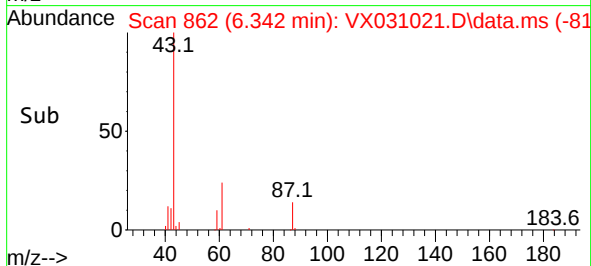
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC010



Tgt Ion: 43 Resp: 46715
Ion Ratio Lower Upper
43 100
61 22.6 16.5 24.7
87 15.6 11.1 16.7

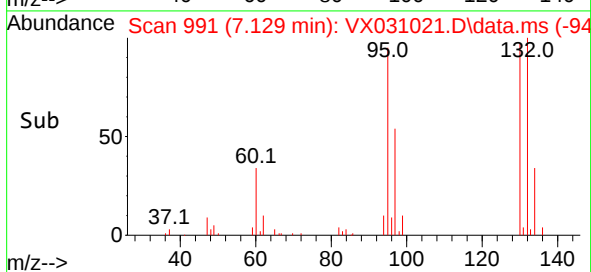
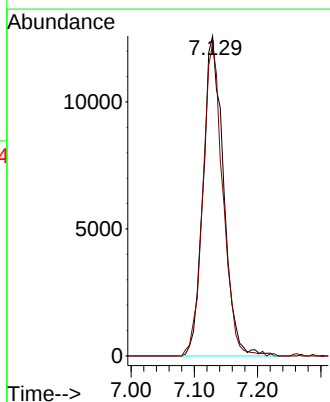
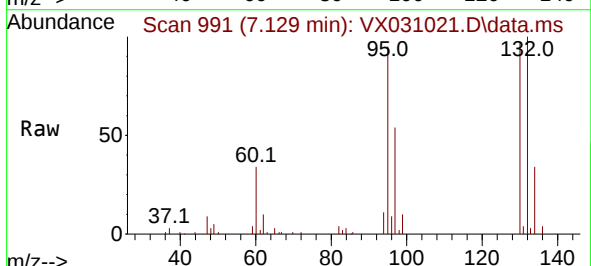
Manual Integrations
APPROVED

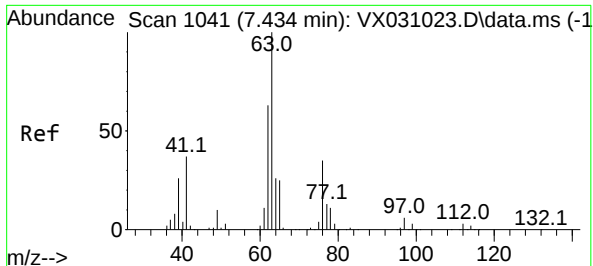
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#44
Trichloroethene
Concen: 9.074 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX031021.D
Acq: 01 Sep 2022 11:47

Tgt Ion:130 Resp: 28214
Ion Ratio Lower Upper
130 100
95 97.5 0.0 194.8





#45

1,2-Dichloropropane

Concen: 8.528 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.006 min

Lab File: VX031021.D

Acq: 01 Sep 2022 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

Tgt Ion: 63 Resp: 2402

Ion Ratio Lower Upper

63 100

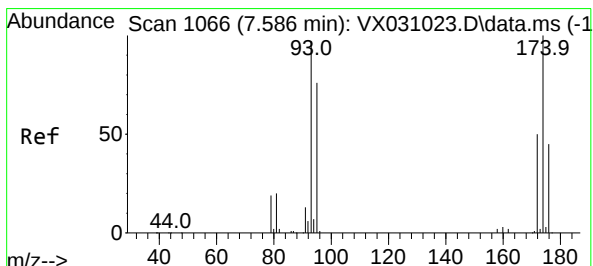
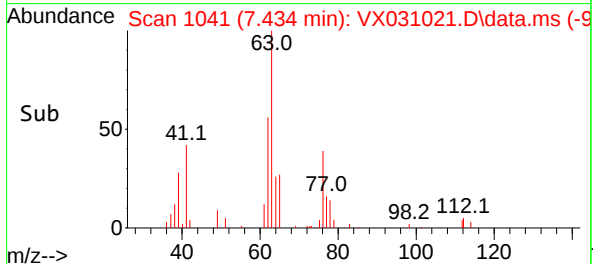
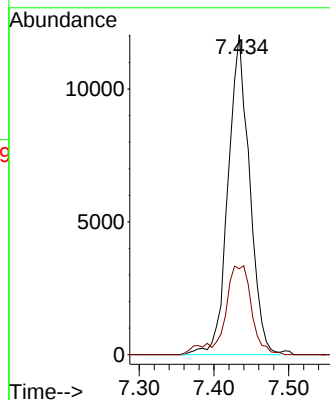
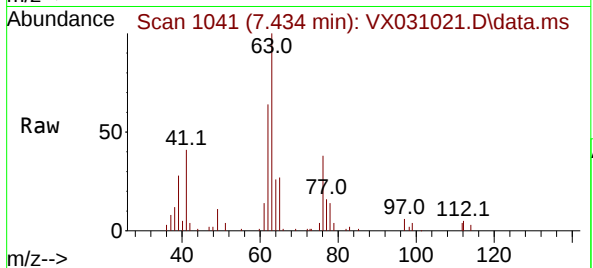
65 26.9 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2022

Supervised By :Mahesh Dadoda 09/02/2022



#46

Dibromomethane

Concen: 9.392 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VX031021.D

Acq: 01 Sep 2022 11:47

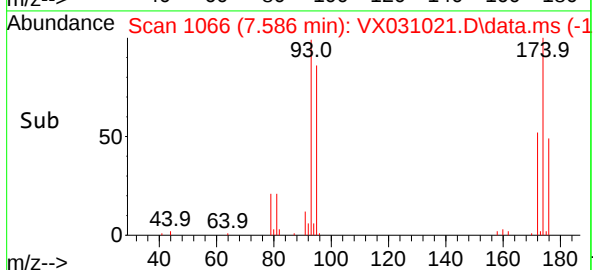
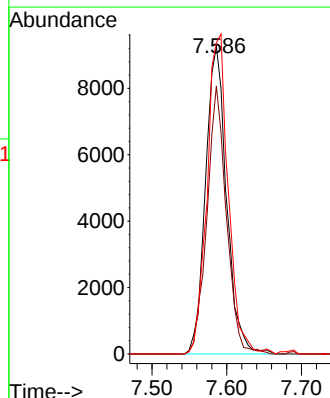
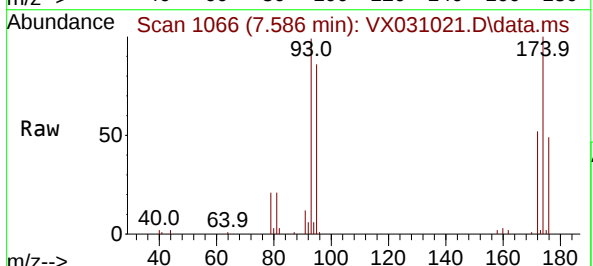
Tgt Ion: 93 Resp: 18068

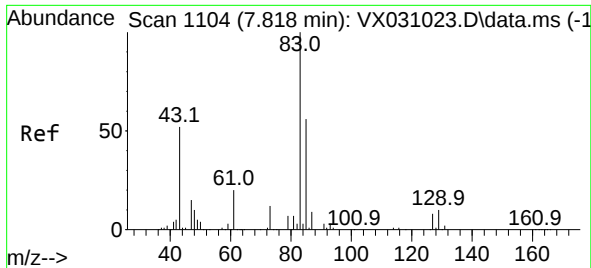
Ion Ratio Lower Upper

93 100

95 80.9 67.4 101.0

174 104.5 75.6 113.4





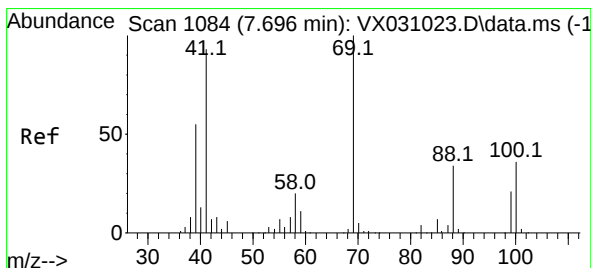
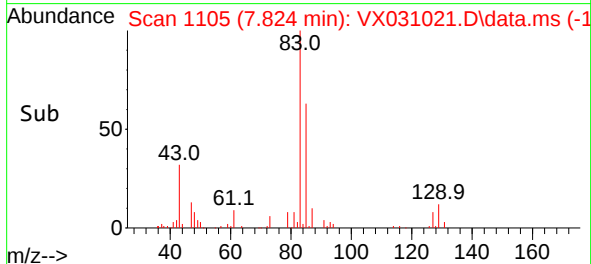
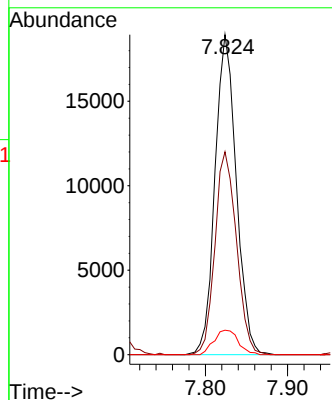
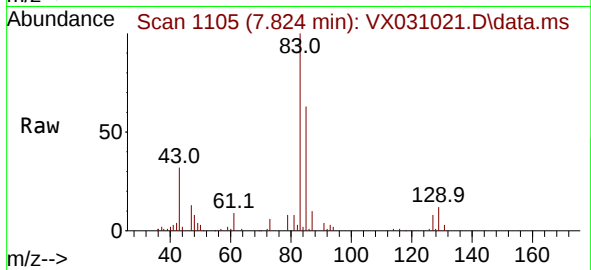
#47
Bromodichloromethane
Concen: 9.215 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX031021.D
Acq: 01 Sep 2022 11:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Tgt Ion: 83 Resp: 3408
Ion Ratio Lower Upper
83 100
85 63.4 53.5 80.3
127 7.7 6.6 10.0

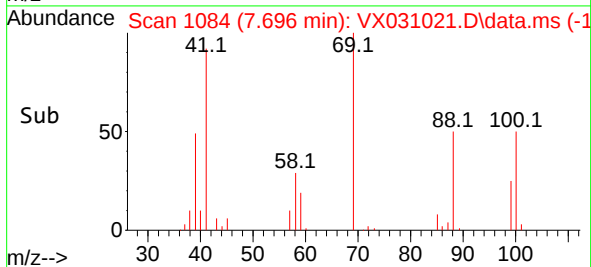
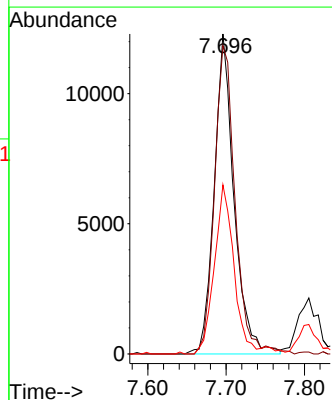
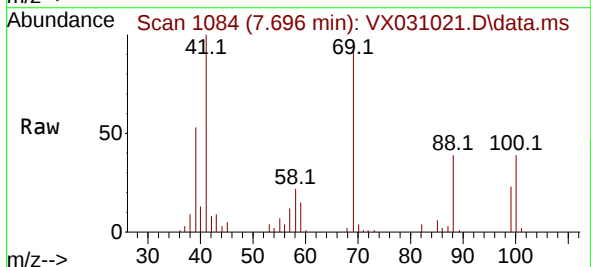
Manual Integrations
APPROVED

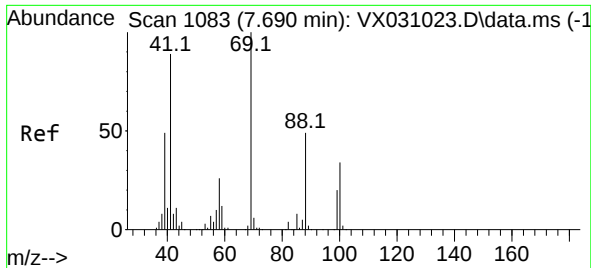
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#48
Methyl methacrylate
Concen: 7.230 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX031021.D
Acq: 01 Sep 2022 11:47

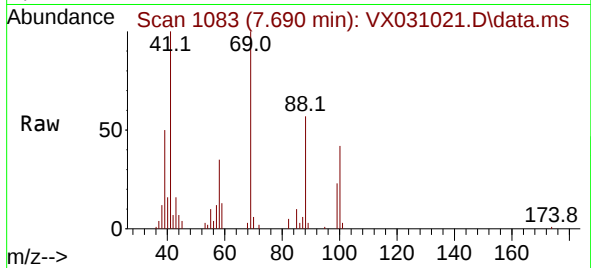
Tgt Ion: 41 Resp: 21618
Ion Ratio Lower Upper
41 100
69 100.3 68.8 103.2
39 52.0 44.6 66.8





#49
1,4-Dioxane
Concen: 169.652 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.013 min
Lab File: VX031021.D
Acq: 01 Sep 2022 11:47

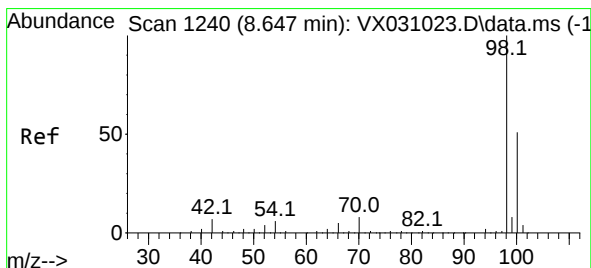
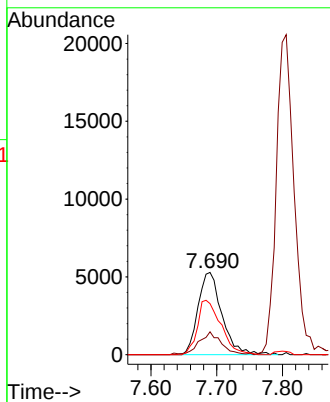
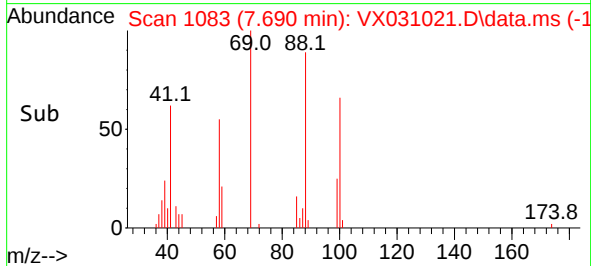
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC010



Tgt Ion: 88 Resp: 1333
Ion Ratio Lower Upper
88 100
43 26.0 23.8 35.8
58 64.9 53.8 80.6

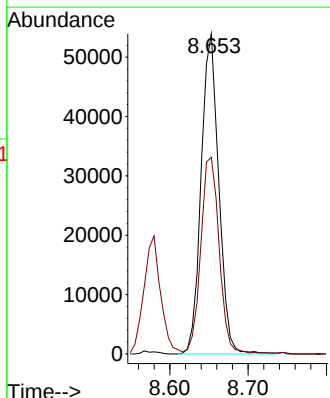
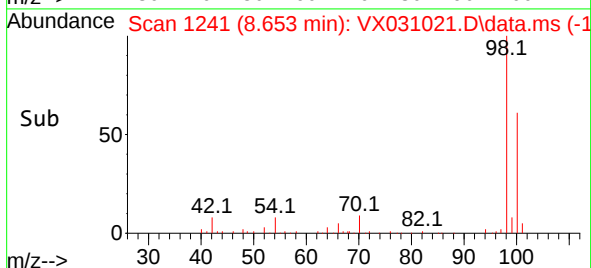
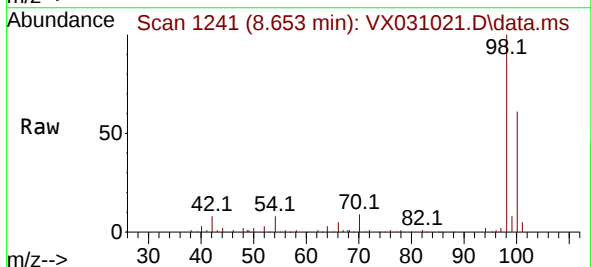
Manual Integrations
APPROVED

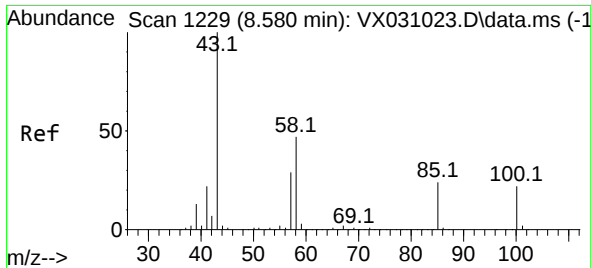
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#50
Toluene-d8
Concen: 9.228 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031021.D
Acq: 01 Sep 2022 11:47

Tgt Ion: 98 Resp: 84194
Ion Ratio Lower Upper
98 100
100 63.5 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 37.282 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. -0.006 min

Lab File: VX031021.D

Acq: 01 Sep 2022 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC010

Tgt Ion: 43 Resp: 147000

Ion Ratio Lower Upper

43 100

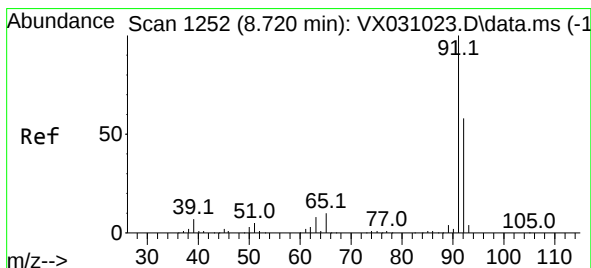
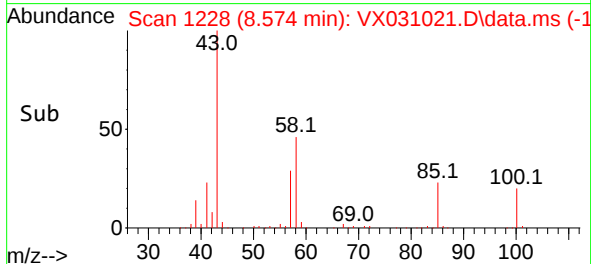
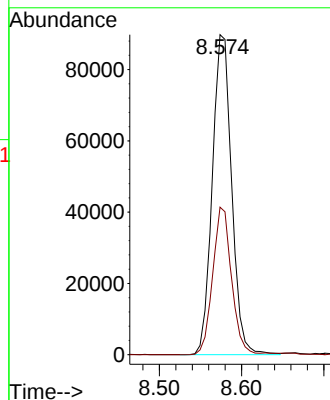
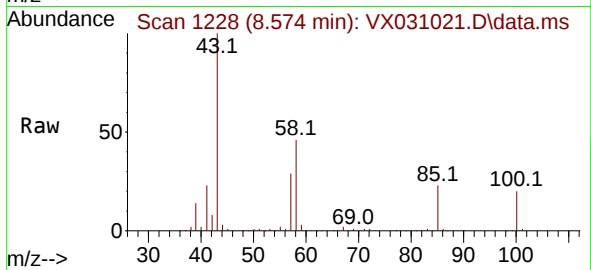
58 44.8 31.4 47.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2022

Supervised By :Mahesh Dadoda 09/02/2022



#52

Toluene

Concen: 9.455 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX031021.D

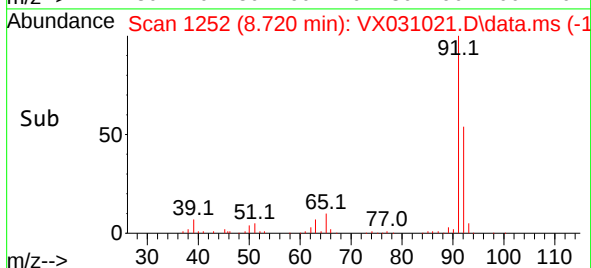
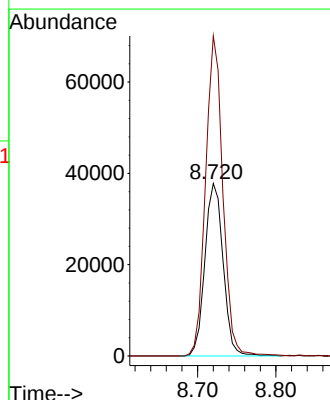
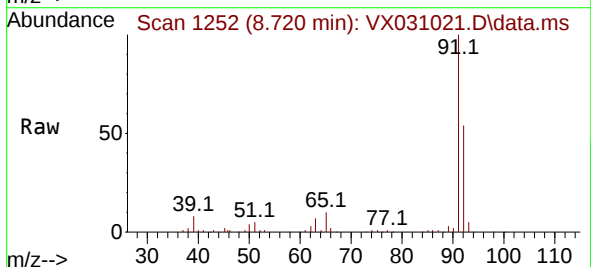
Acq: 01 Sep 2022 11:47

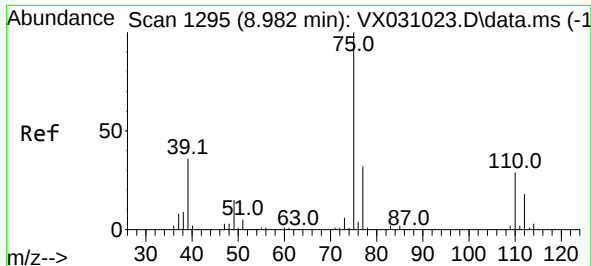
Tgt Ion: 92 Resp: 60976

Ion Ratio Lower Upper

92 100

91 175.8 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 8.746 ug/l

RT: 8.982 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VX031021.D

Acq: 01 Sep 2022 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC010

Tgt Ion: 75 Resp: 32638

Ion Ratio Lower Upper

75 100

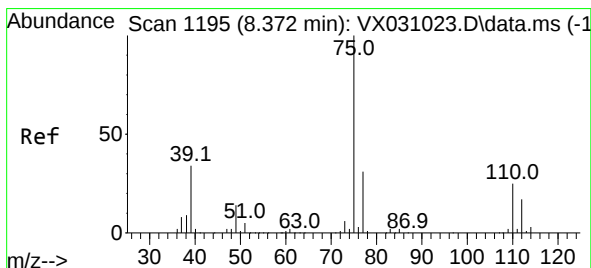
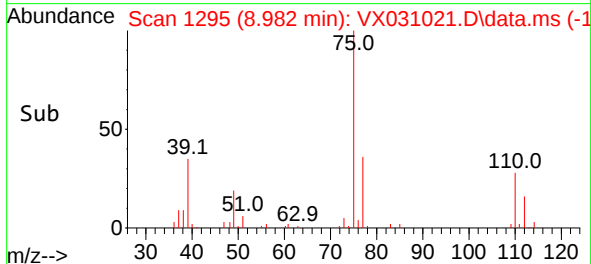
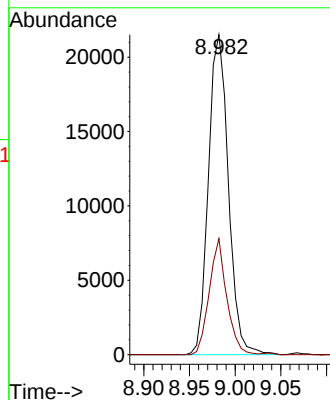
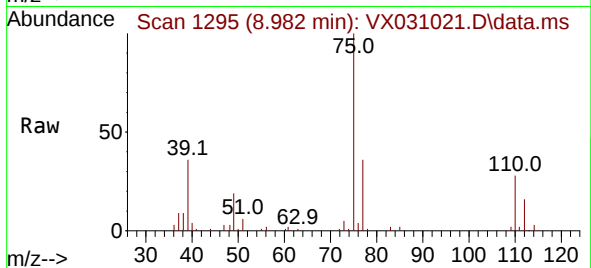
77 36.2 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2022

Supervised By :Mahesh Dadoda 09/02/2022



#54

cis-1,3-Dichloropropene

Concen: 8.575 ug/l

RT: 8.373 min Scan# 1195

Delta R.T. 0.001 min

Lab File: VX031021.D

Acq: 01 Sep 2022 11:47

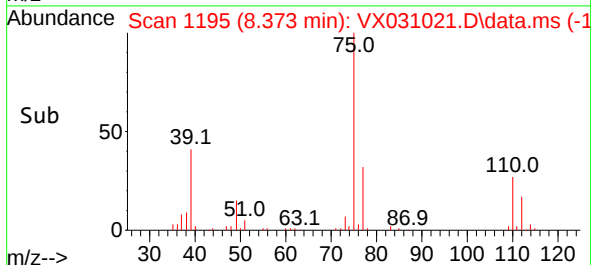
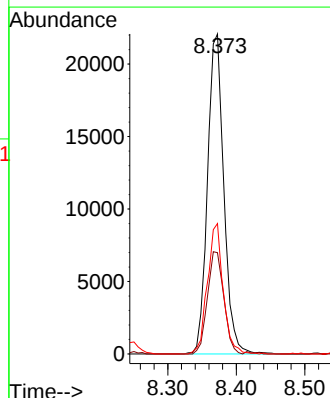
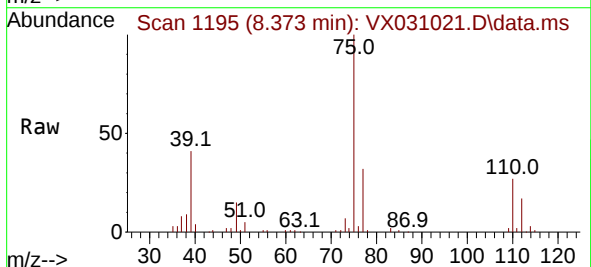
Tgt Ion: 75 Resp: 36610

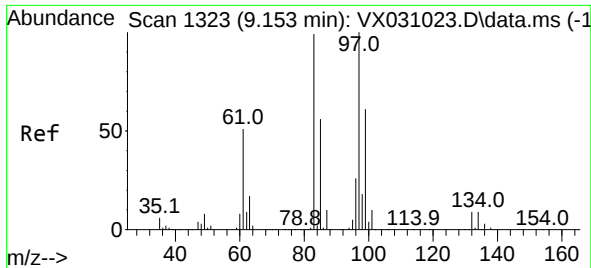
Ion Ratio Lower Upper

75 100

77 31.7 25.0 37.4

39 40.8 37.5 56.3





#55
1,1,2-Trichloroethane
Concen: 9.219 ug/l
RT: 9.153 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX031021.D
Acq: 01 Sep 2022 11:47

Instrument :

MSVOA_X

ClientSampleId :

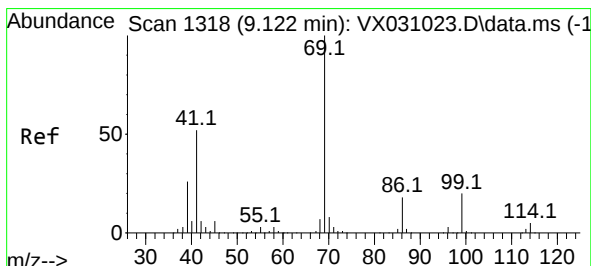
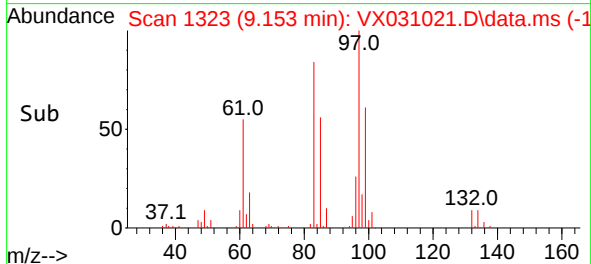
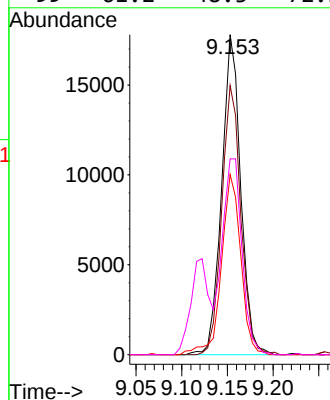
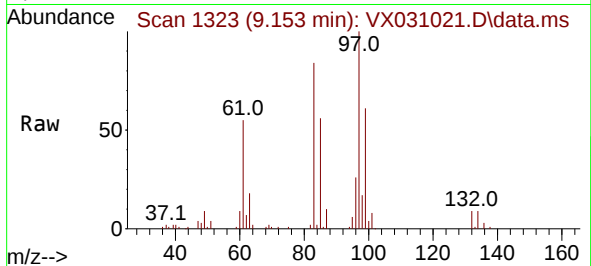
VSTDIC010

Tgt Ion: 97 Resp: 2578
Ion Ratio Lower Upper
97 100
83 84.1 68.9 103.3
85 56.3 44.0 66.0
99 61.2 48.3 72.5

Manual Integrations

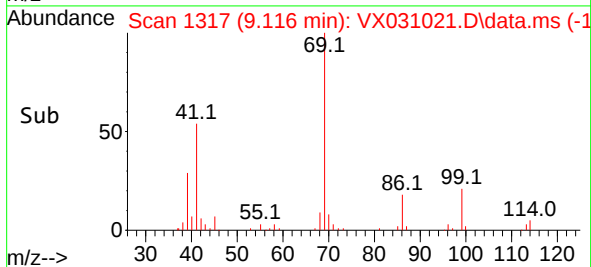
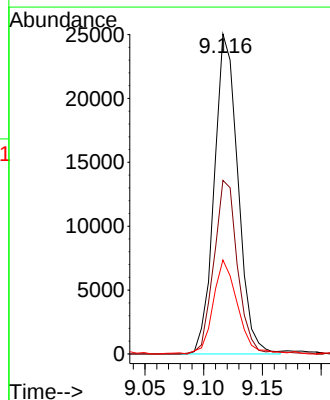
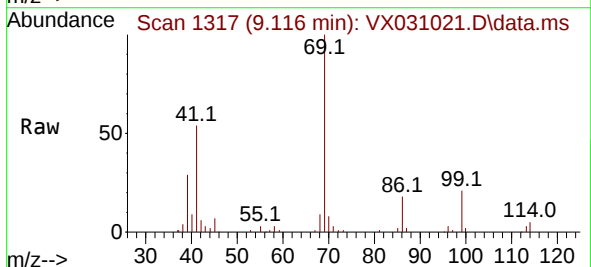
APPROVED

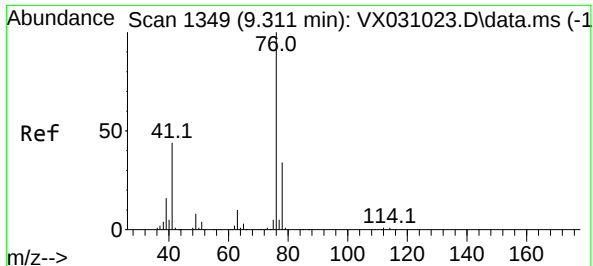
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#56
Ethyl methacrylate
Concen: 8.582 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VX031021.D
Acq: 01 Sep 2022 11:47

Tgt Ion: 69 Resp: 35158
Ion Ratio Lower Upper
69 100
41 54.5 52.3 78.5
39 30.5 28.2 42.4





#57

1,3-Dichloropropane

Concen: 9.060 ug/l

RT: 9.311 min Scan# 1149

Delta R.T. 0.000 min

Lab File: VX031021.D

Acq: 01 Sep 2022 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC010

Tgt Ion: 76 Resp: 41798

Ion Ratio Lower Upper

76 100

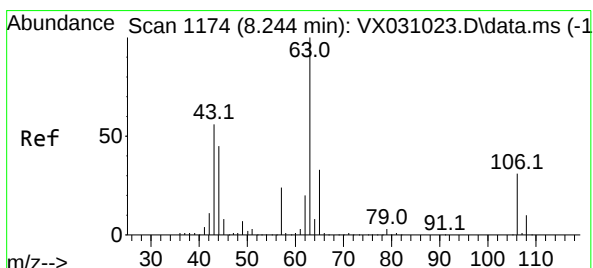
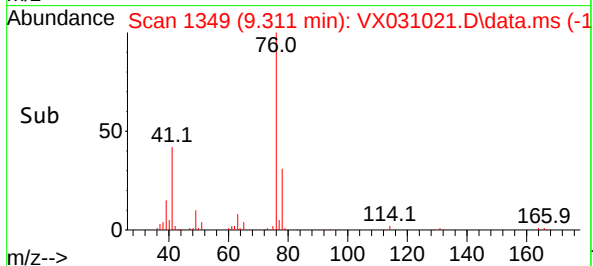
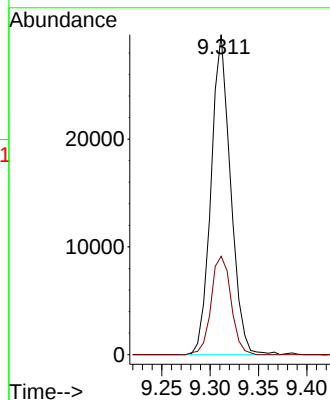
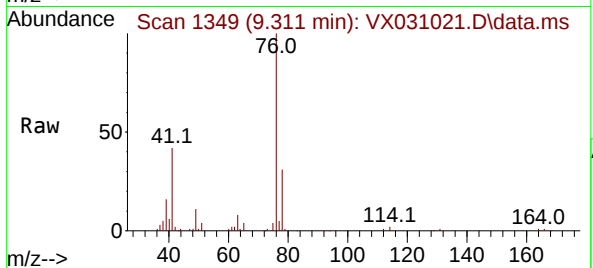
78 31.4 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2022

Supervised By :Mahesh Dadoda 09/02/2022



#58

2-Chloroethyl Vinyl ether

Concen: 42.234 ug/l

RT: 8.245 min Scan# 1174

Delta R.T. -0.012 min

Lab File: VX031021.D

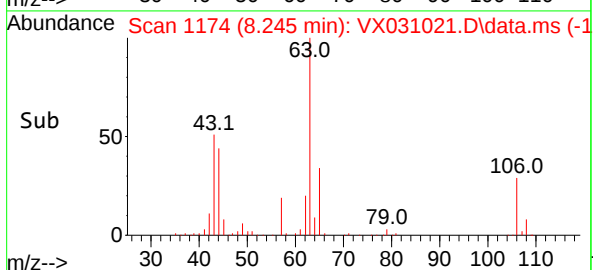
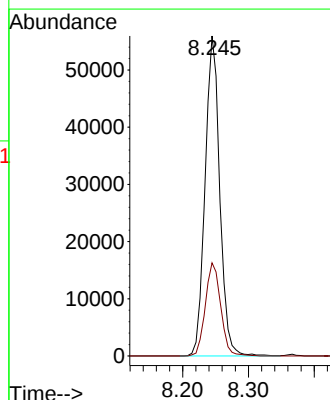
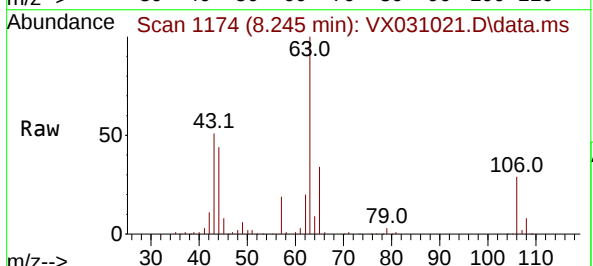
Acq: 01 Sep 2022 11:47

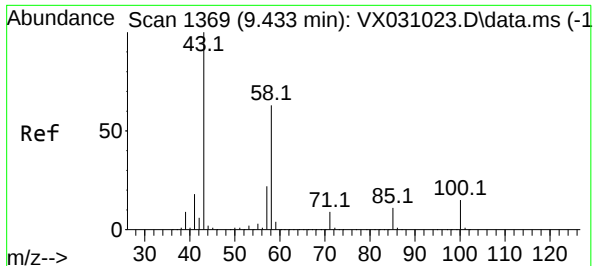
Tgt Ion: 63 Resp: 86902

Ion Ratio Lower Upper

63 100

106 30.3 22.2 33.2





#59

2-Hexanone

Concen: 38.284 ug/l

RT: 9.433 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX031021.D

Acq: 01 Sep 2022 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC010

Tgt Ion: 43 Resp: 112250

Ion Ratio Lower Upper

43 100

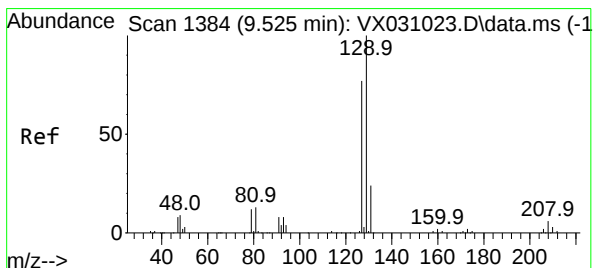
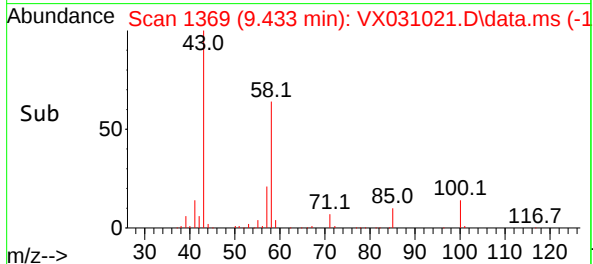
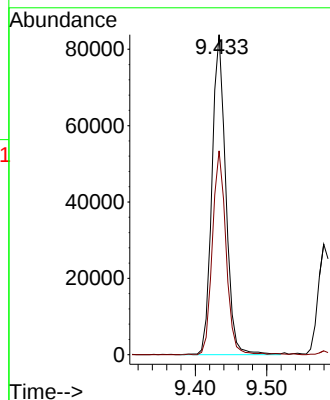
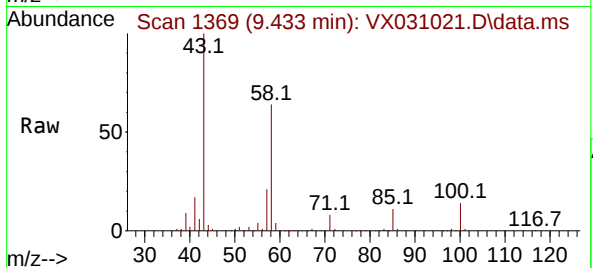
58 62.8 27.6 82.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2022

Supervised By :Mahesh Dadoda 09/02/2022



#60

Dibromochloromethane

Concen: 9.784 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VX031021.D

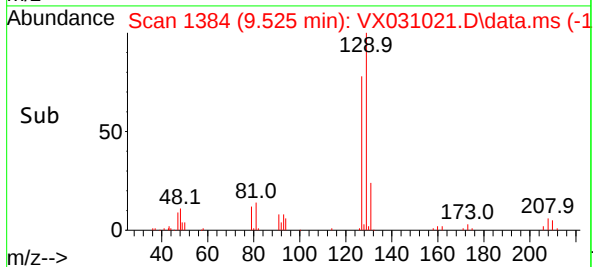
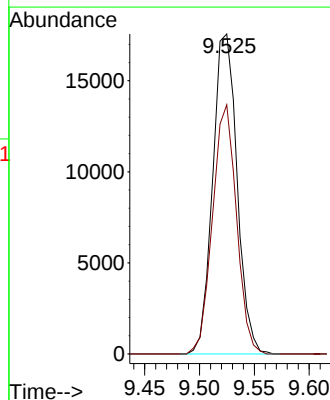
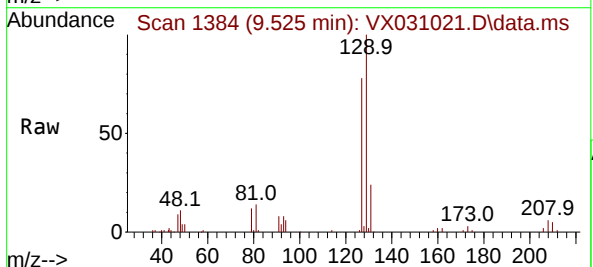
Acq: 01 Sep 2022 11:47

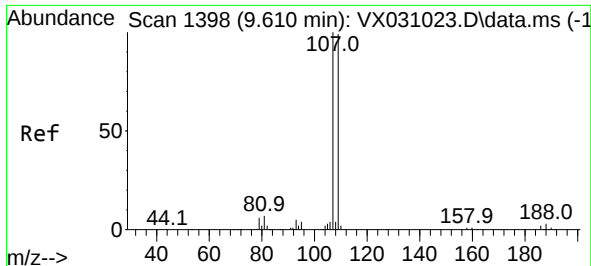
Tgt Ion:129 Resp: 27199

Ion Ratio Lower Upper

129 100

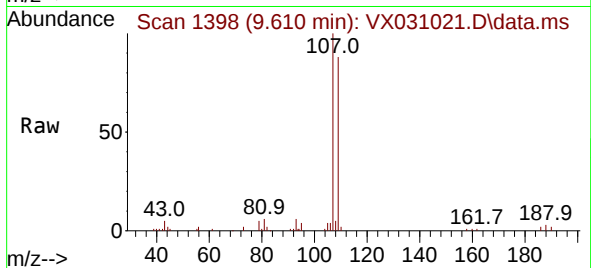
127 76.4 38.5 115.5





#61
1,2-Dibromoethane
Concen: 9.826 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX031021.D
Acq: 01 Sep 2022 11:47

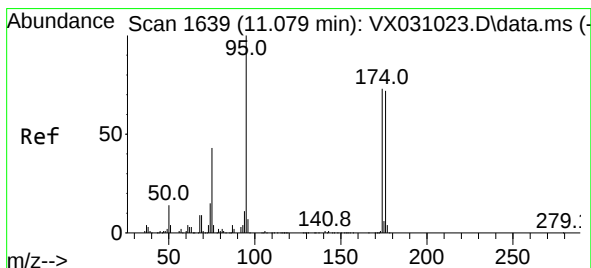
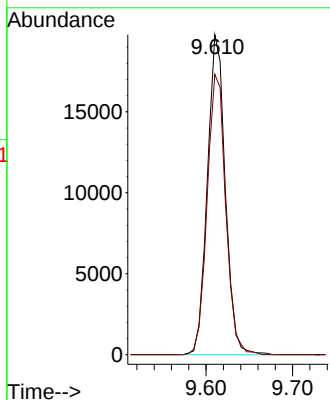
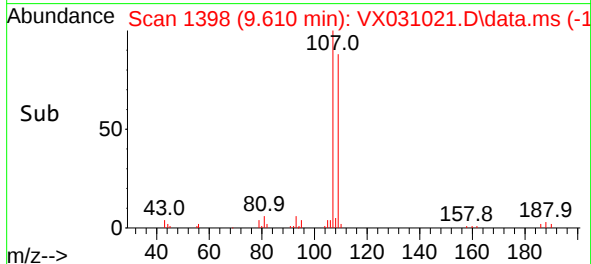
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010



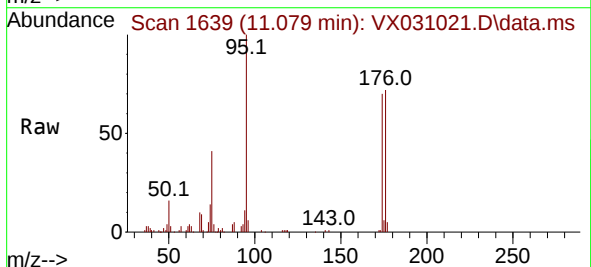
Tgt Ion: 107 Resp: 2837
Ion Ratio Lower Upper
107 100
109 90.8 76.6 114.8

Manual Integrations
APPROVED

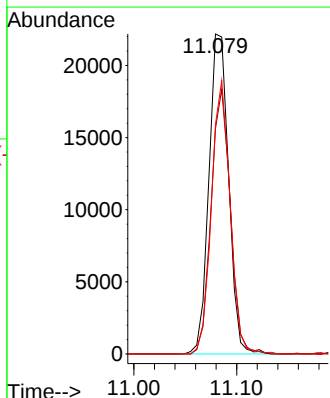
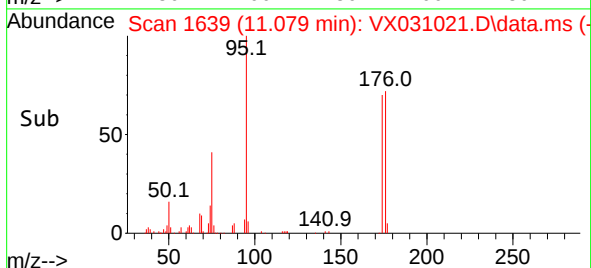
Reviewed By : John Carbone 09/02/2022
Supervised By : Mahesh Dadoda 09/02/2022

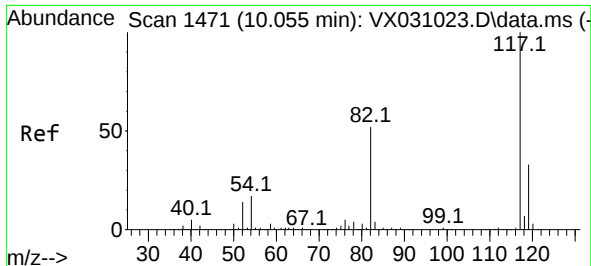


#62
4-Bromofluorobenzene
Concen: 9.103 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX031021.D
Acq: 01 Sep 2022 11:47



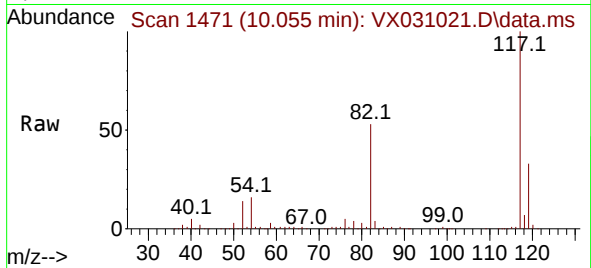
Tgt Ion: 95 Resp: 29577
Ion Ratio Lower Upper
95 100
174 80.4 0.0 149.0
176 81.1 0.0 146.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031021.D
Acq: 01 Sep 2022 11:47

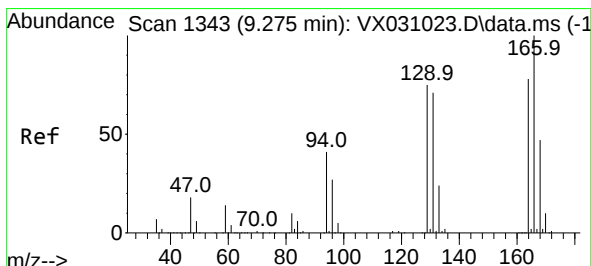
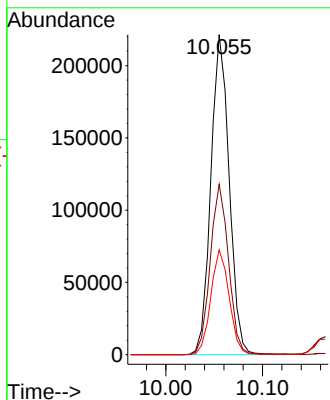
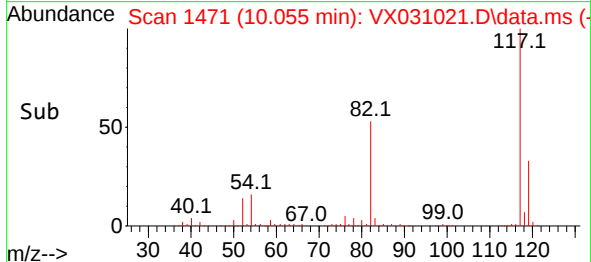
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010



Tgt Ion:117 Resp: 291390
Ion Ratio Lower Upper
117 100
82 53.3 42.7 64.1
119 32.8 25.4 38.2

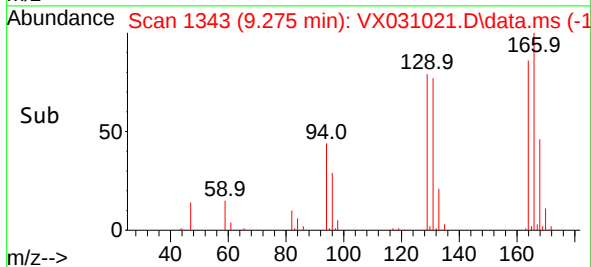
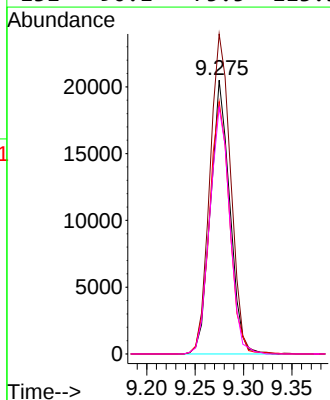
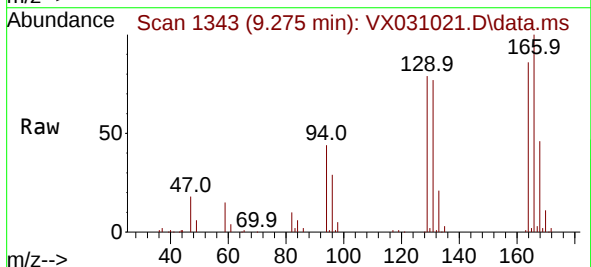
Manual Integrations
APPROVED

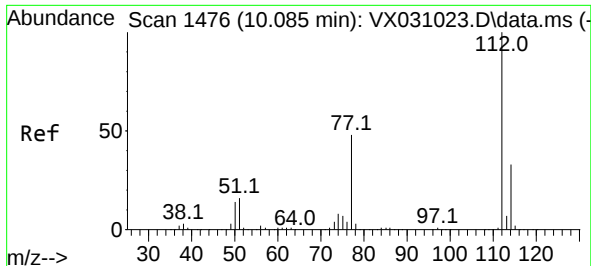
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#64
Tetrachloroethene
Concen: 10.314 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX031021.D
Acq: 01 Sep 2022 11:47

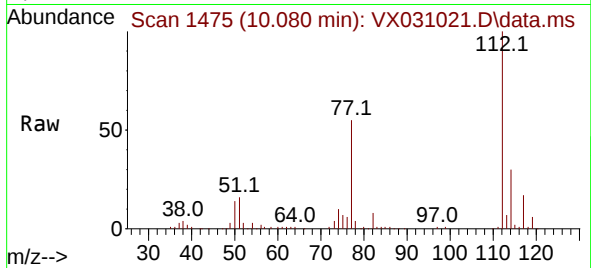
Tgt Ion:164 Resp: 28428
Ion Ratio Lower Upper
164 100
166 116.9 98.2 147.4
129 92.1 80.8 121.2
131 90.1 75.5 113.3





#65
Chlorobenzene
Concen: 9.710 ug/l
RT: 10.080 min Scan# 1476
Delta R.T. 0.001 min
Lab File: VX031021.D
Acq: 01 Sep 2022 11:47

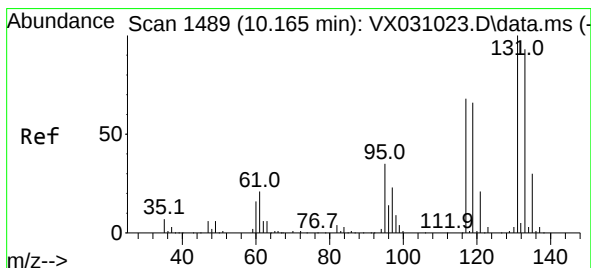
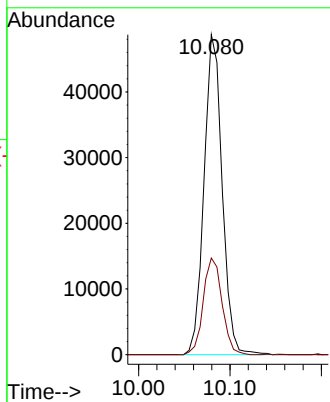
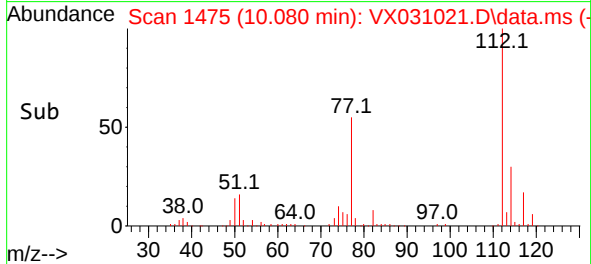
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010



Tgt Ion:112 Resp: 66904
Ion Ratio Lower Upper
112 100
114 30.2 24.6 36.8

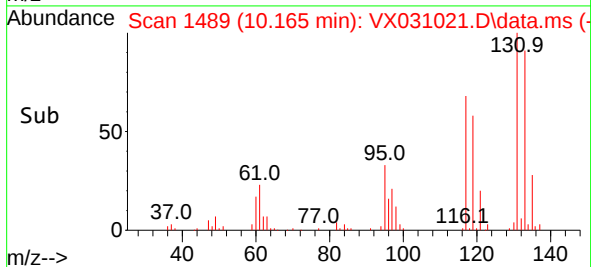
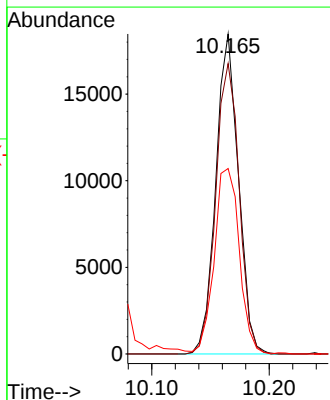
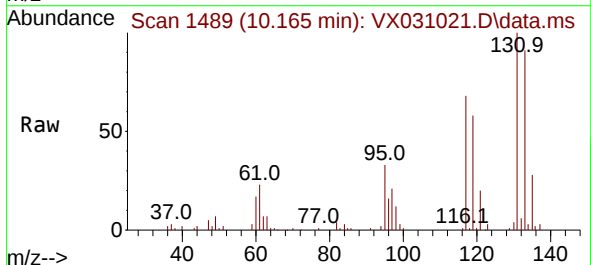
Manual Integrations
APPROVED

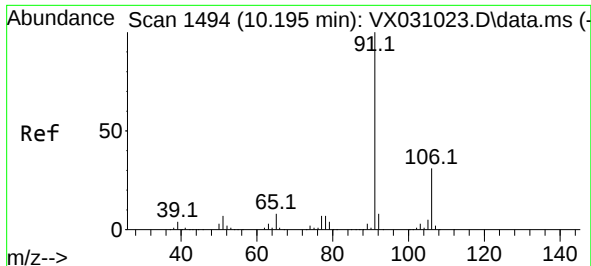
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 10.142 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX031021.D
Acq: 01 Sep 2022 11:47

Tgt Ion:131 Resp: 24759
Ion Ratio Lower Upper
131 100
133 94.3 46.9 140.8
119 64.0 34.4 103.1





#67

Ethyl Benzene

Concen: 9.520 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX031021.D

Acq: 01 Sep 2022 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC010

Tgt Ion: 91 Resp: 116350

Ion Ratio Lower Upper

91 100

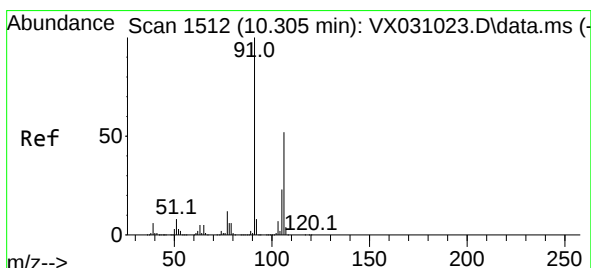
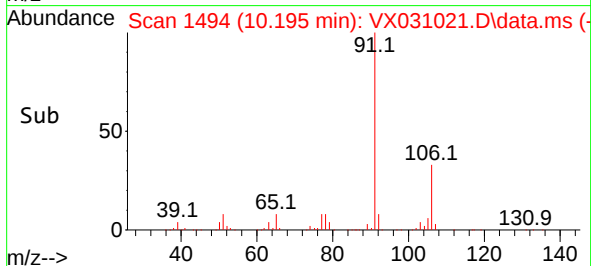
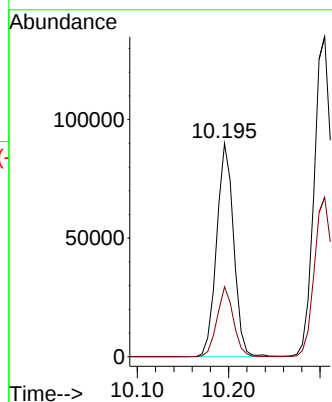
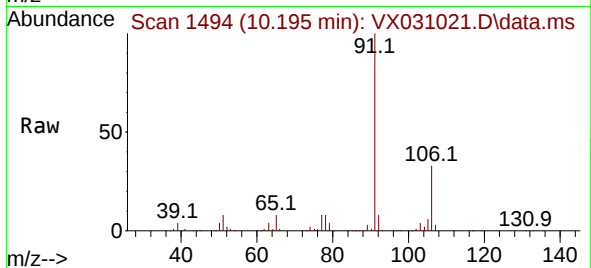
106 32.8 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2022

Supervised By :Mahesh Dadoda 09/02/2022



#68

m/p-Xylenes

Concen: 20.004 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX031021.D

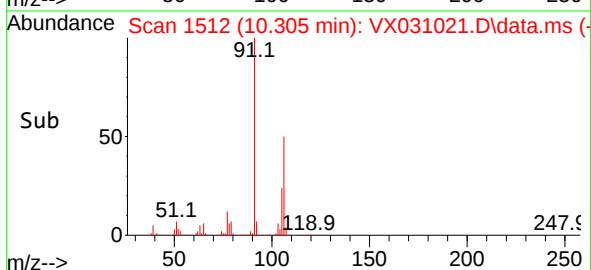
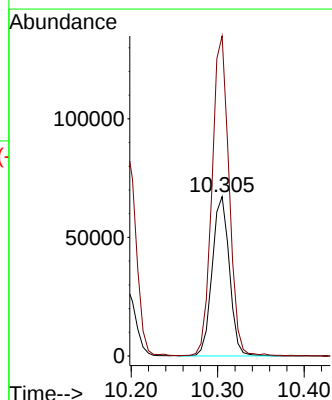
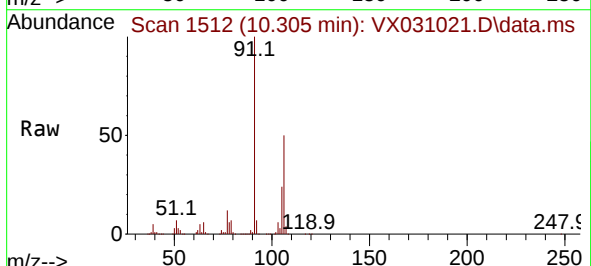
Acq: 01 Sep 2022 11:47

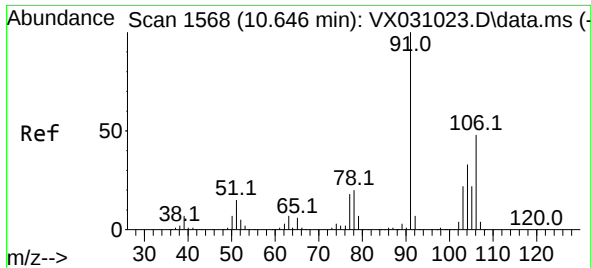
Tgt Ion:106 Resp: 92603

Ion Ratio Lower Upper

106 100

91 199.6 158.2 237.4





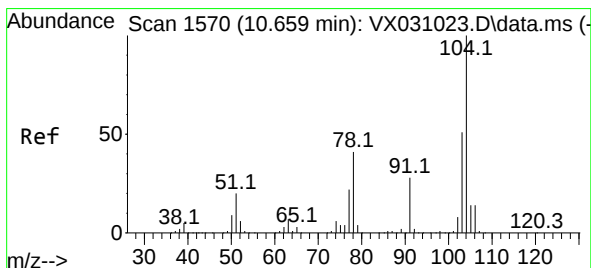
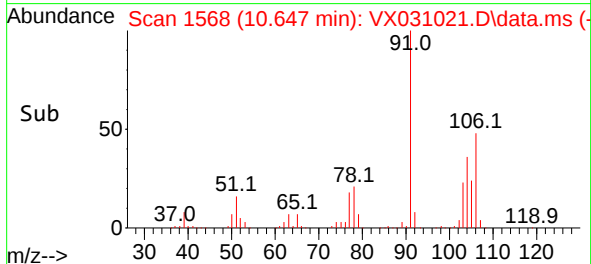
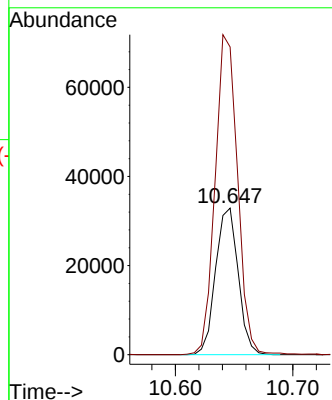
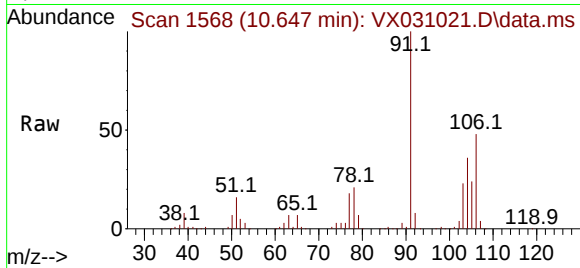
#69
o-Xylene
Concen: 9.709 ug/l
RT: 10.647 min Scan# 1568
Delta R.T. 0.001 min
Lab File: VX031021.D
Acq: 01 Sep 2022 11:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Tgt Ion:106 Resp: 43988
Ion Ratio Lower Upper
106 100
91 217.2 103.8 311.6

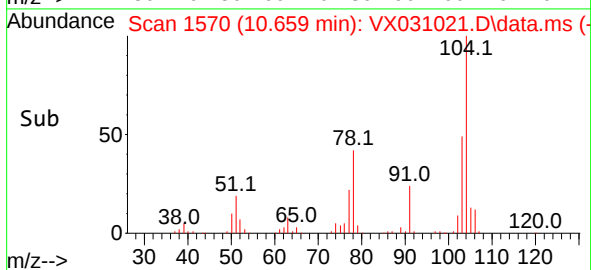
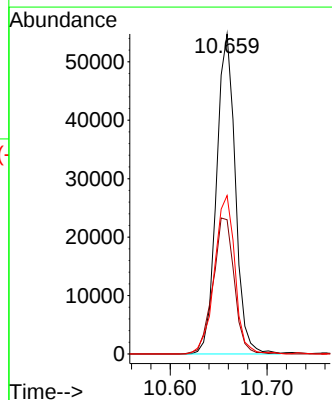
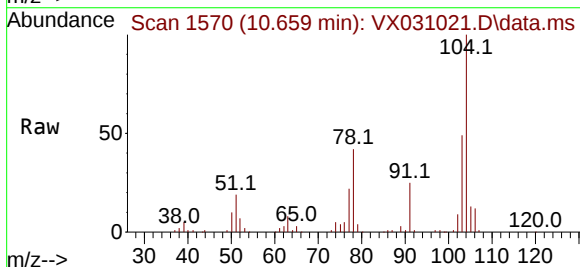
Manual Integrations
APPROVED

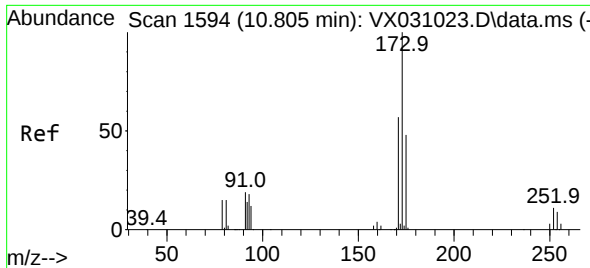
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#70
Styrene
Concen: 9.656 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX031021.D
Acq: 01 Sep 2022 11:47

Tgt Ion:104 Resp: 73857
Ion Ratio Lower Upper
104 100
78 48.2 37.8 56.8
103 53.9 44.5 66.7





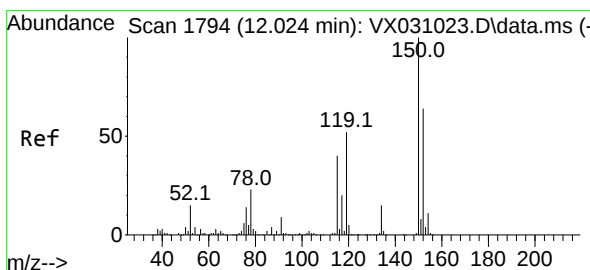
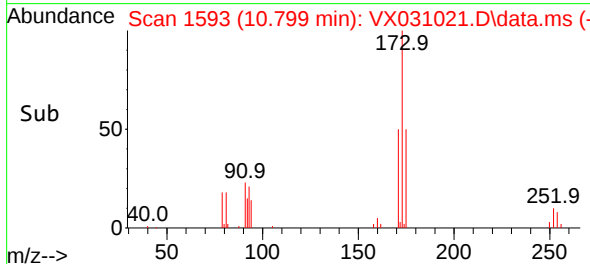
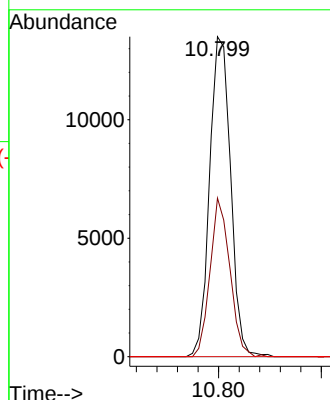
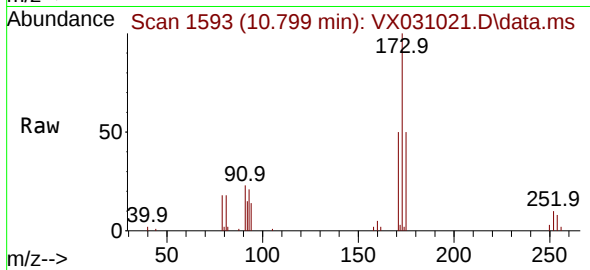
#71
Bromoform
Concen: 9.988 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.006 min
Lab File: VX031021.D
Acq: 01 Sep 2022 11:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Tgt Ion:173 Resp: 1913
Ion Ratio Lower Upper
173 100
175 46.8 23.8 71.2
254 0.0 0.1 0.1

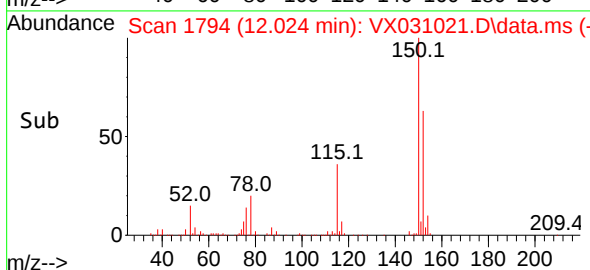
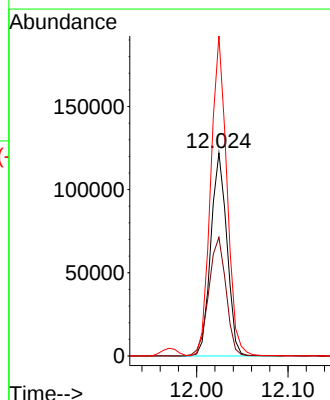
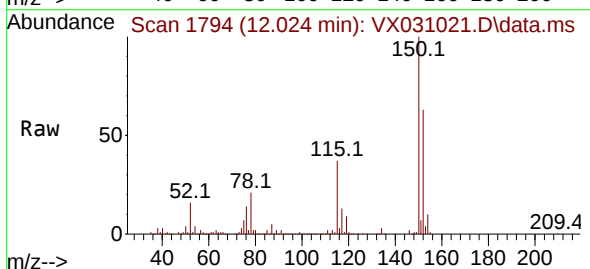
Manual Integrations
APPROVED

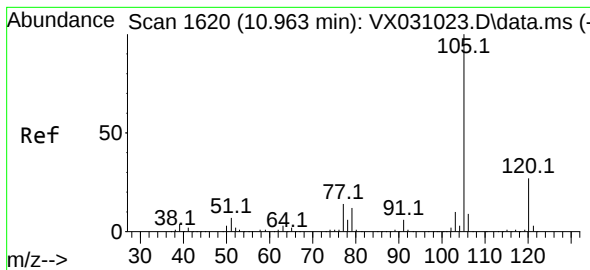
Reviewed By :John Carbone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031021.D
Acq: 01 Sep 2022 11:47

Tgt Ion:152 Resp: 148831
Ion Ratio Lower Upper
152 100
115 62.9 40.5 121.5
150 158.5 0.0 347.0





#73

Isopropylbenzene

Concen: 9.891 ug/l

RT: 10.964 min Scan# 1

Delta R.T. 0.001 min

Lab File: VX031021.D

Acq: 01 Sep 2022 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC010

Tgt Ion:105 Resp: 11646

Ion Ratio Lower Upper

105 100

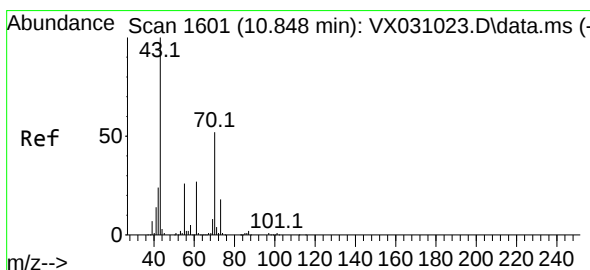
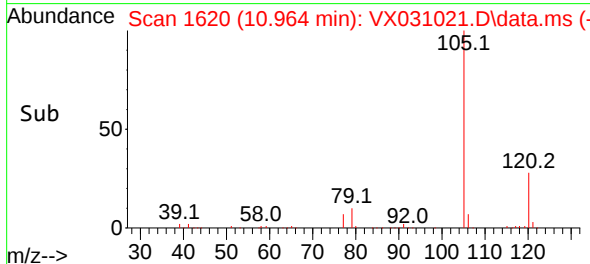
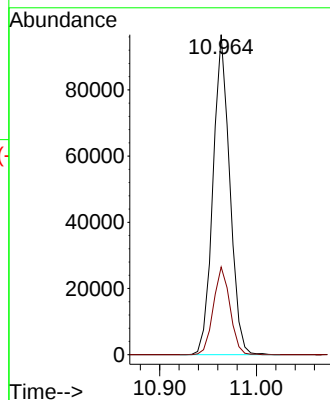
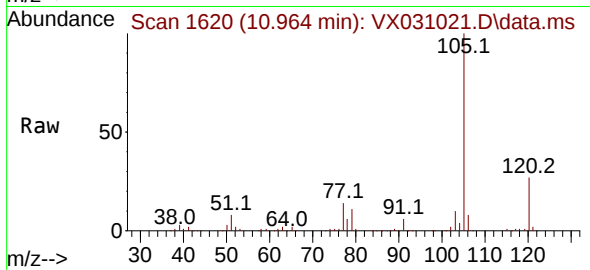
120 27.1 13.5 40.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2022

Supervised By :Mahesh Dadoda 09/02/2022



#74

N-ethyl acetate

Concen: 7.643 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. -0.006 min

Lab File: VX031021.D

Acq: 01 Sep 2022 11:47

Tgt Ion: 43 Resp: 34792

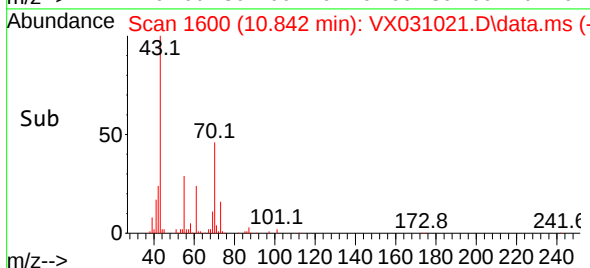
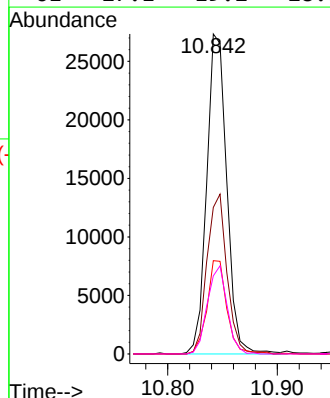
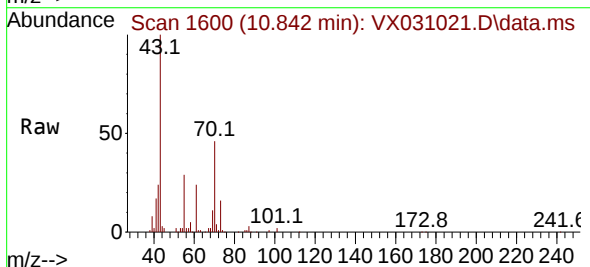
Ion Ratio Lower Upper

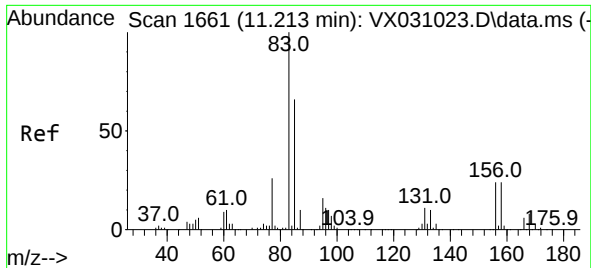
43 100

70 49.7 32.3 48.5#

55 29.0 18.4 27.6#

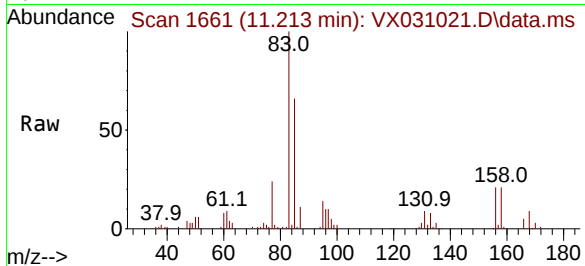
61 27.1 19.2 28.8





#75
 1,1,2,2-Tetrachloroethane
 Concen: 9.799 ug/l
 RT: 11.213 min Scan# 1661
 Delta R.T. 0.000 min
 Lab File: VX031021.D
 Acq: 01 Sep 2022 11:47

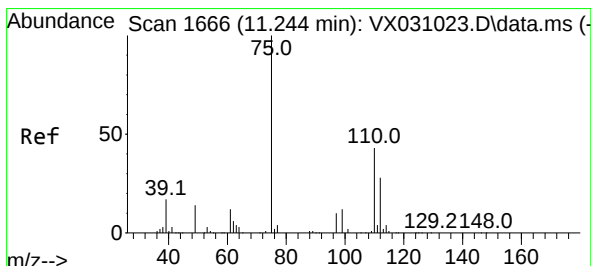
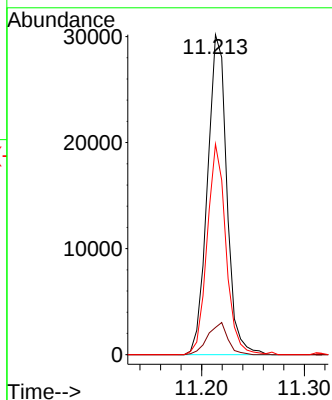
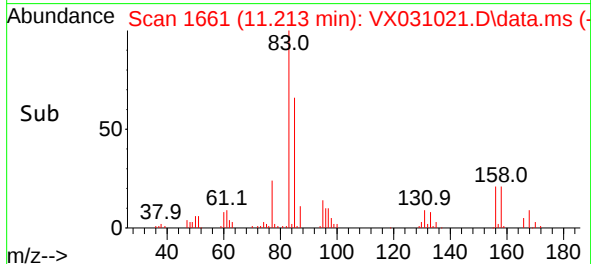
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010



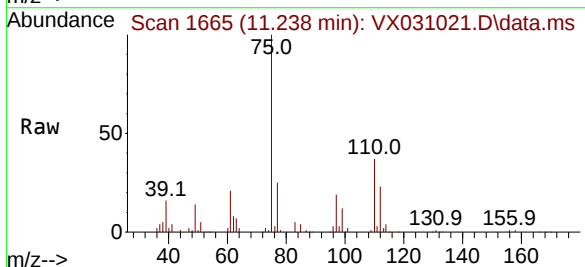
Tgt Ion: 83 Resp: 39528
 Ion Ratio Lower Upper
 83 100
 131 10.3 4.5 13.7
 85 63.9 32.5 97.5

Manual Integrations
 APPROVED

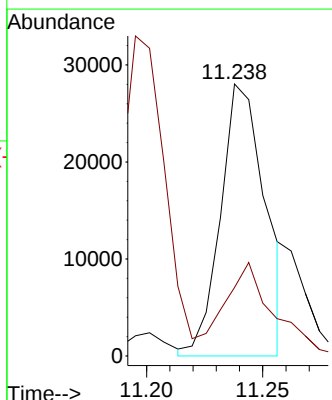
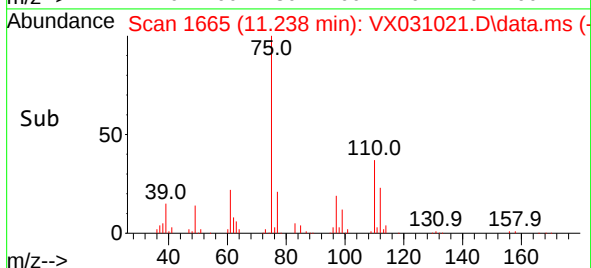
Reviewed By :John Carlone 09/02/2022
 Supervised By :Mahesh Dadoda 09/02/2022

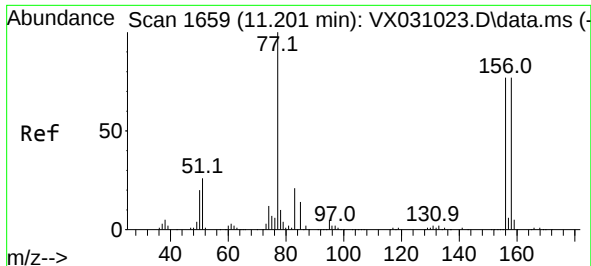


#76
 1,2,3-Trichloropropane
 Concen: 10.243 ug/l m
 RT: 11.238 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: VX031021.D
 Acq: 01 Sep 2022 11:47



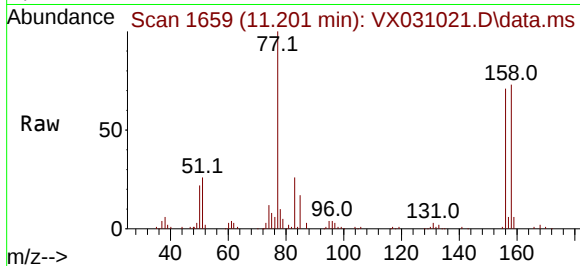
Tgt Ion: 75 Resp: 37531
 Ion Ratio Lower Upper
 75 100
 77 36.3 19.8 59.3





#77
Bromobenzene
Concen: 9.989 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX031021.D
Acq: 01 Sep 2022 11:47

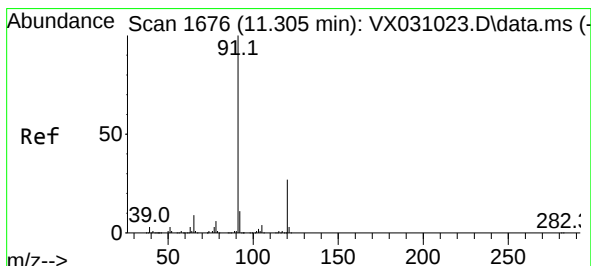
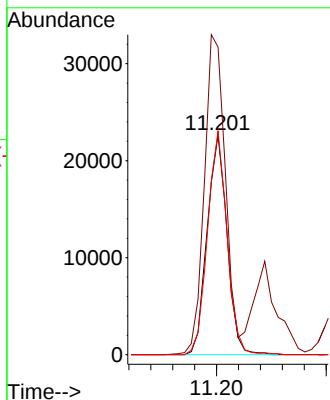
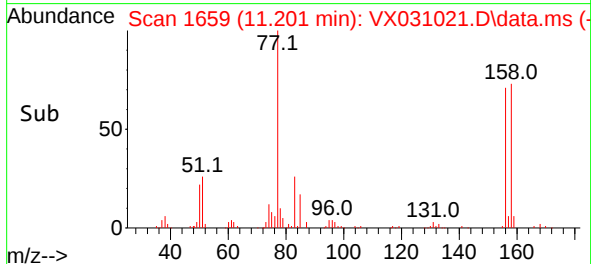
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010



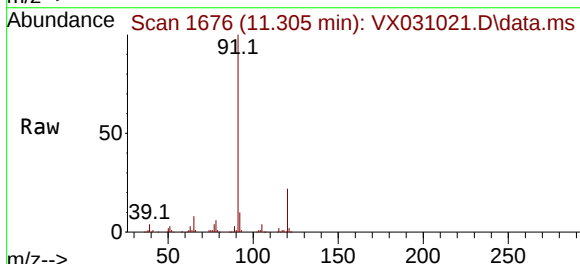
Tgt Ion:156 Resp: 28502
Ion Ratio Lower Upper
156 100
77 152.9 82.7 247.9
158 100.1 47.5 142.5

Manual Integrations
APPROVED

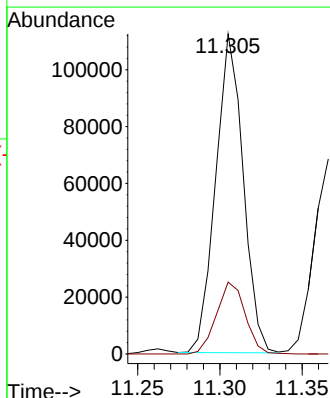
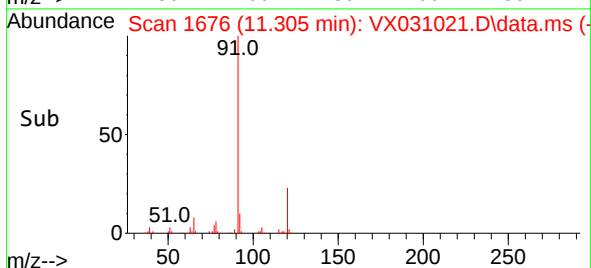
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022

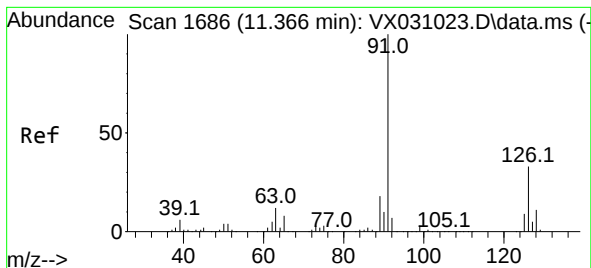


#78
n-propylbenzene
Concen: 9.457 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX031021.D
Acq: 01 Sep 2022 11:47



Tgt Ion: 91 Resp: 130505
Ion Ratio Lower Upper
91 100
120 23.5 11.6 34.8





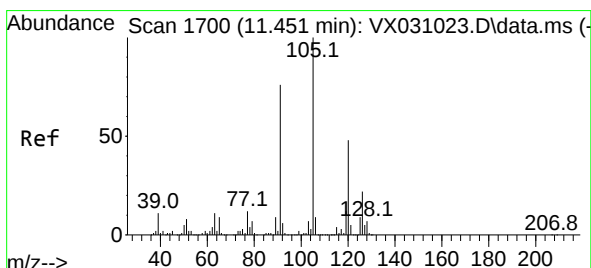
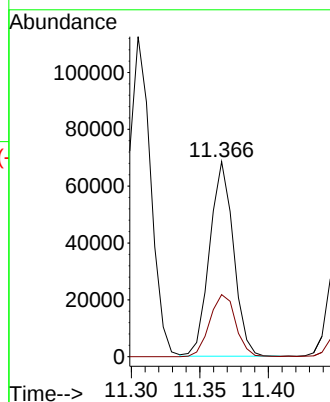
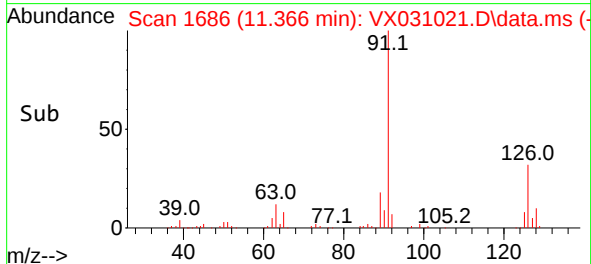
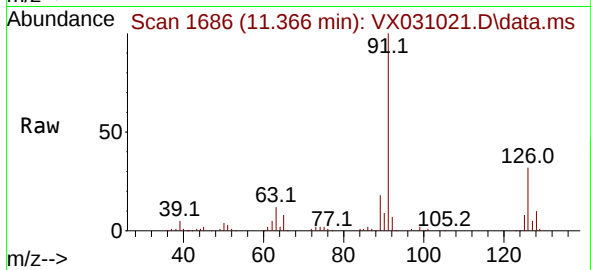
#79
2-Chlorotoluene
Concen: 9.675 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX031021.D
Acq: 01 Sep 2022 11:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC010

Tgt Ion: 91 Resp: 82919
Ion Ratio Lower Upper
91 100
126 34.7 17.4 52.3

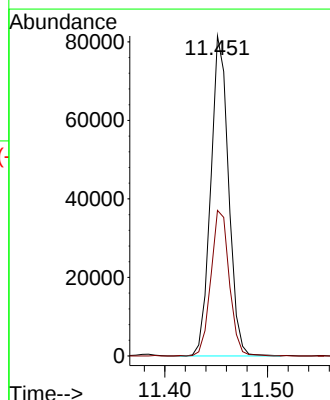
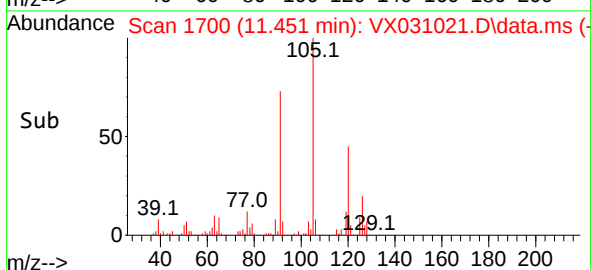
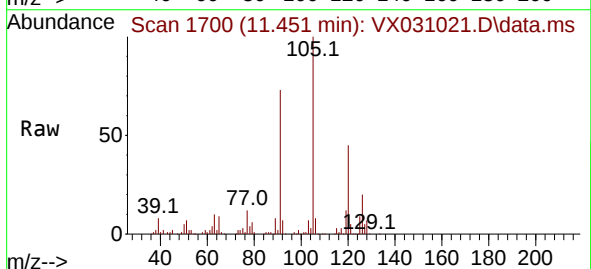
Manual Integrations
APPROVED

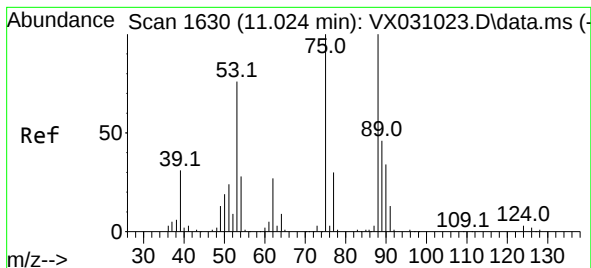
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#80
1,3,5-Trimethylbenzene
Concen: 9.914 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX031021.D
Acq: 01 Sep 2022 11:47

Tgt Ion:105 Resp: 98360
Ion Ratio Lower Upper
105 100
120 46.9 24.4 73.2





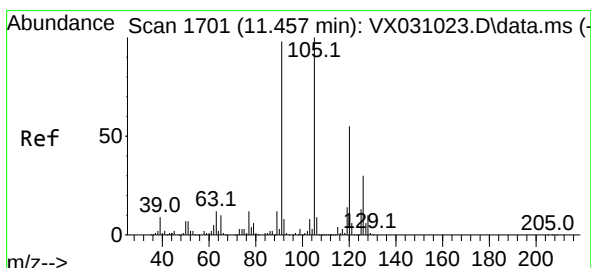
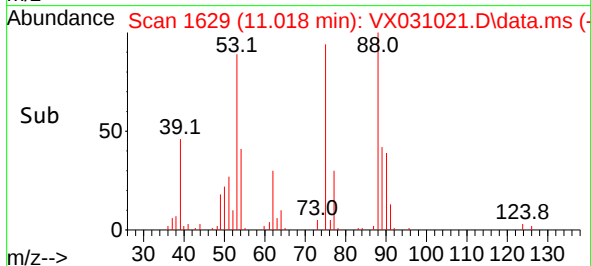
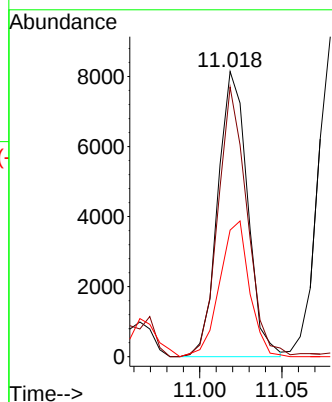
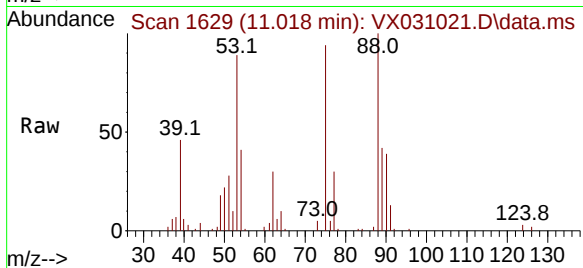
#81
trans-1,4-Dichloro-2-butene
Concen: 8.289 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VX031021.D
Acq: 01 Sep 2022 11:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Tgt Ion: 75 Resp: 1021
Ion Ratio Lower Upper
75 100
53 92.7 74.2 111.4
89 47.8 34.8 52.2

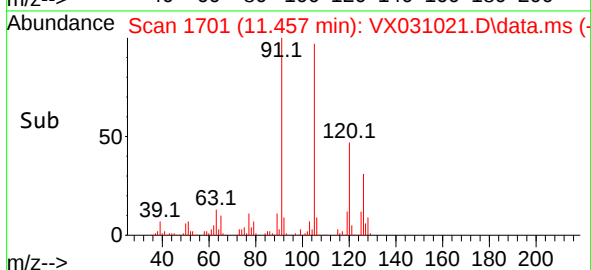
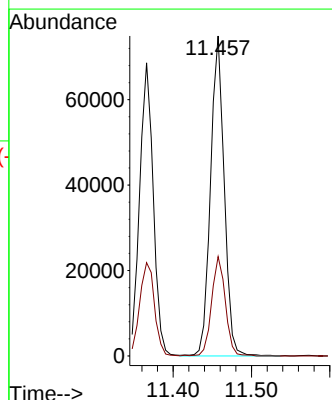
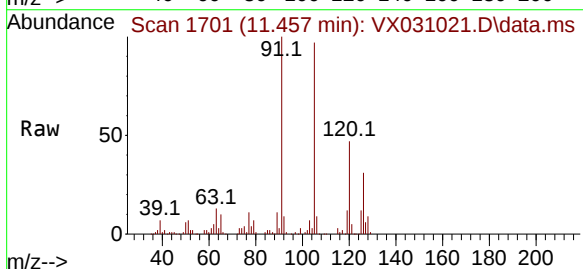
Manual Integrations
APPROVED

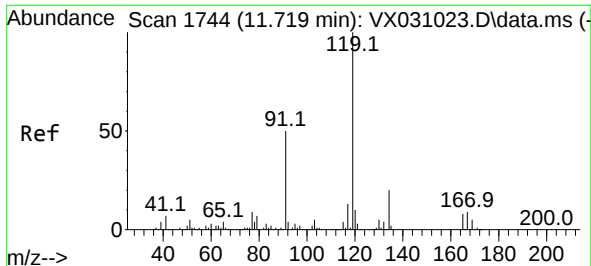
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#82
4-Chlorotoluene
Concen: 9.478 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX031021.D
Acq: 01 Sep 2022 11:47

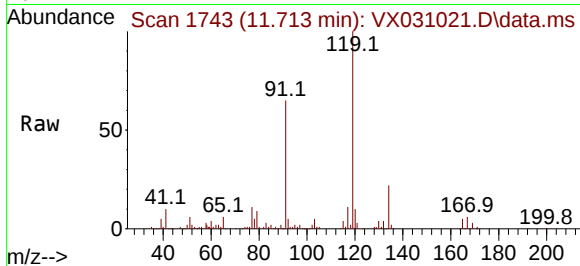
Tgt Ion: 91 Resp: 90813
Ion Ratio Lower Upper
91 100
126 31.1 15.3 45.9





#83
tert-Butylbenzene
Concen: 10.237 ug/l
RT: 11.713 min Scan# 11743
Delta R.T. -0.006 min
Lab File: VX031021.D
Acq: 01 Sep 2022 11:47

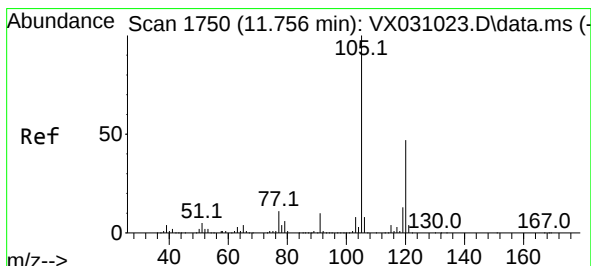
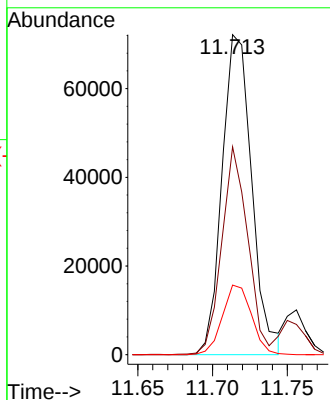
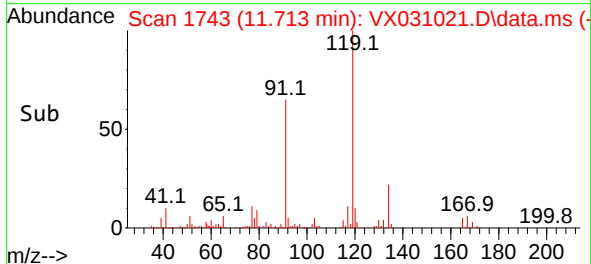
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010



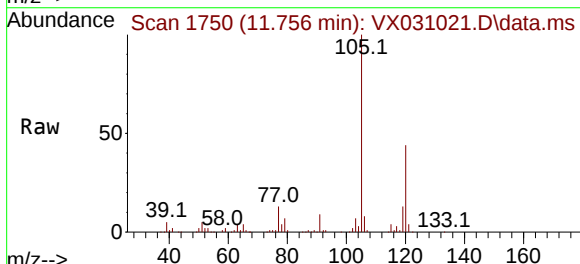
Tgt Ion:119 Resp: 9970
Ion Ratio Lower Upper
119 100
91 57.0 28.3 84.9
134 21.4 11.2 33.5

Manual Integrations
APPROVED

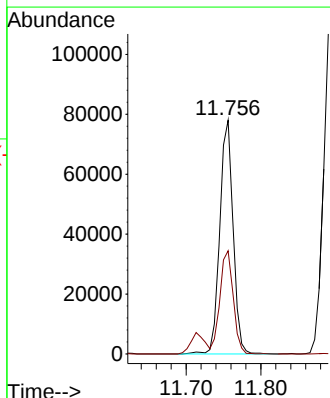
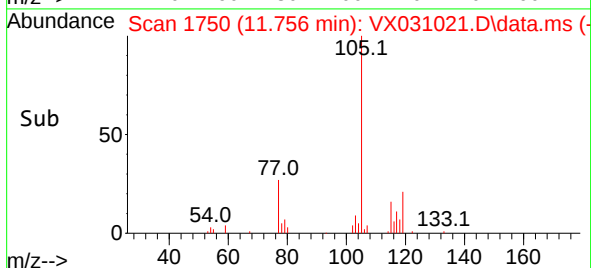
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022

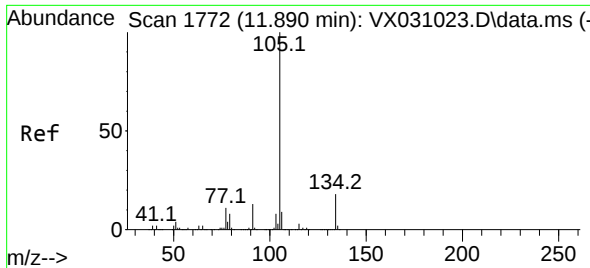


#84
1,2,4-Trimethylbenzene
Concen: 9.509 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX031021.D
Acq: 01 Sep 2022 11:47



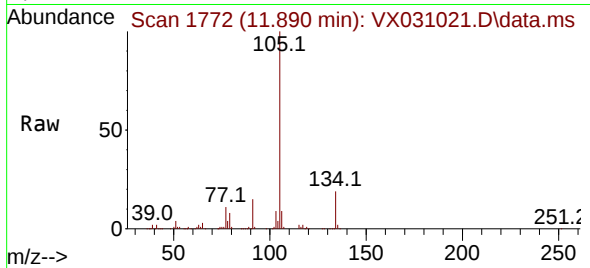
Tgt Ion:105 Resp: 96585
Ion Ratio Lower Upper
105 100
120 44.2 22.9 68.8





#85
 sec-Butylbenzene
 Concen: 9.932 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.006 min
 Lab File: VX031021.D
 Acq: 01 Sep 2022 11:47

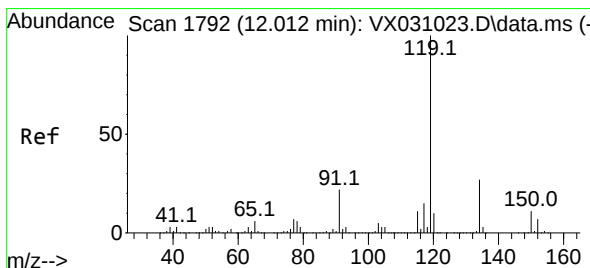
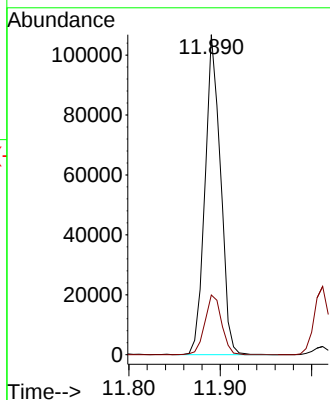
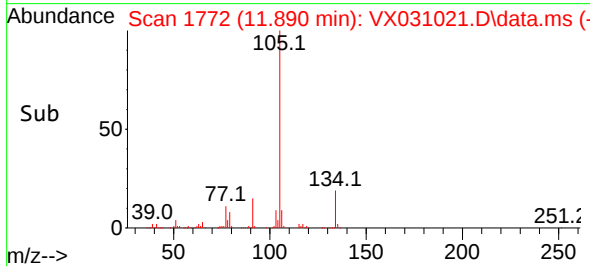
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010



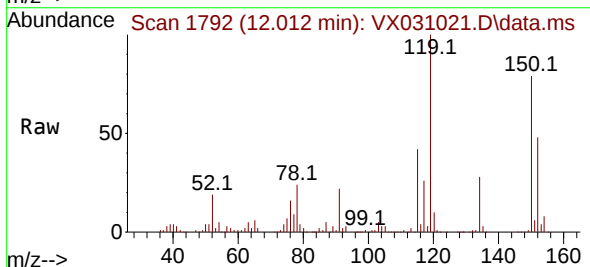
Tgt Ion:105 Resp: 125552
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.0 30.0

Manual Integrations
 APPROVED

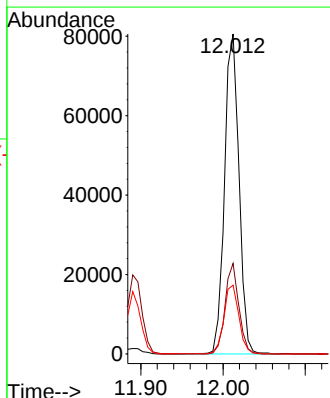
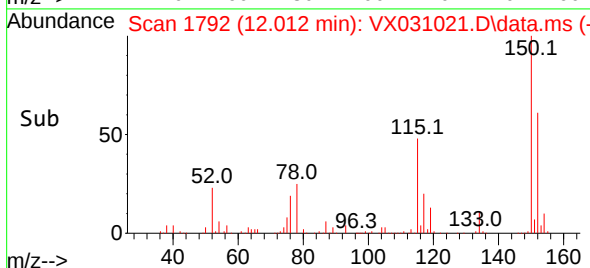
Reviewed By :John Carlone 09/02/2022
 Supervised By :Mahesh Dadoda 09/02/2022

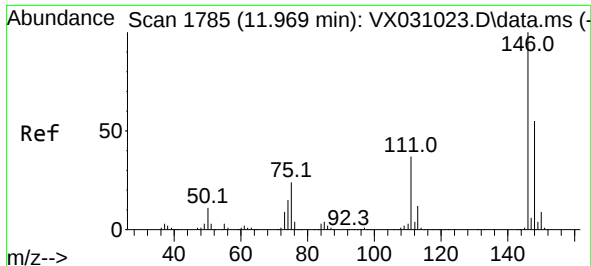


#86
 p-Isopropyltoluene
 Concen: 9.382 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX031021.D
 Acq: 01 Sep 2022 11:47



Tgt Ion:119 Resp: 98387
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.9 41.6
 91 22.3 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 9.775 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX031021.D

Acq: 01 Sep 2022 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

Tgt Ion:146 Resp: 54994

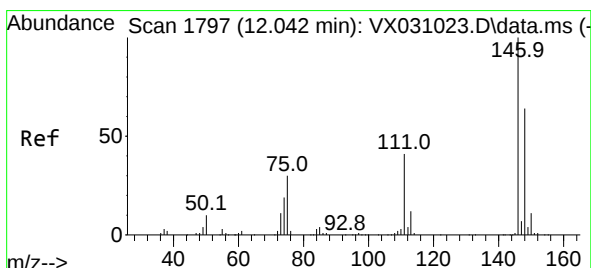
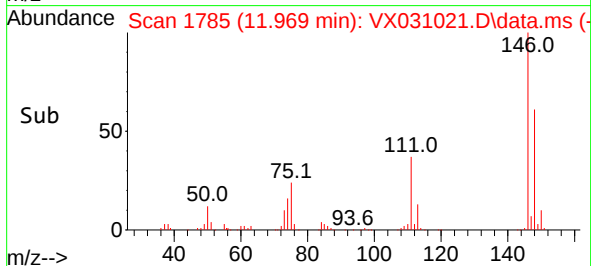
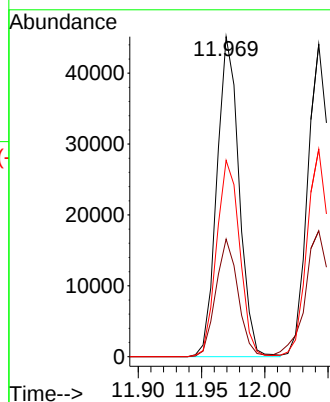
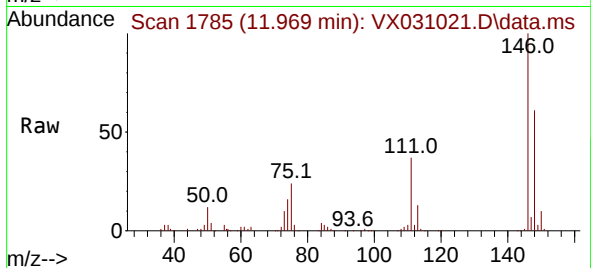
Ion	Ratio	Lower	Upper
146	100		
111	37.0	20.3	60.8
148	63.8	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2022

Supervised By :Mahesh Dadoda 09/02/2022



#88

1,4-Dichlorobenzene

Concen: 9.354 ug/l

RT: 12.043 min Scan# 1797

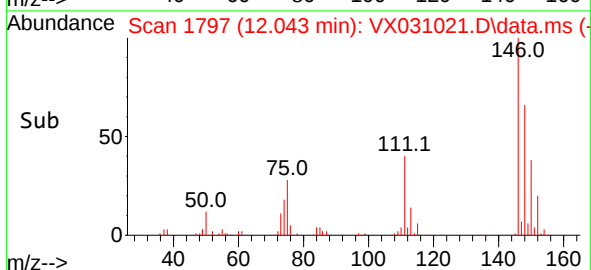
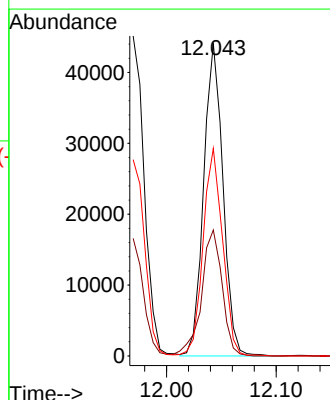
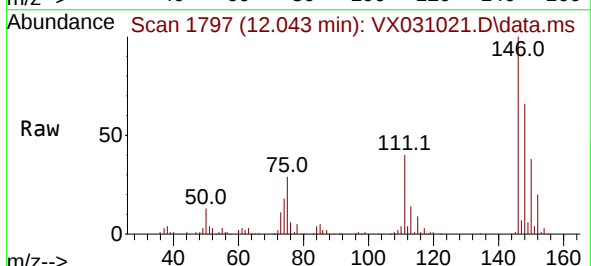
Delta R.T. -0.000 min

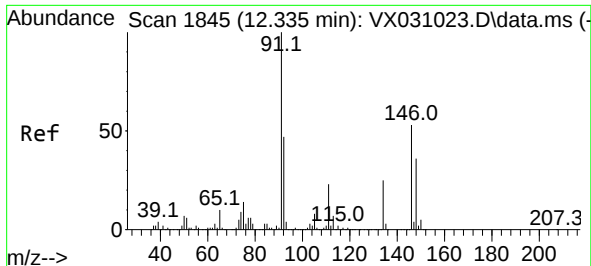
Lab File: VX031021.D

Acq: 01 Sep 2022 11:47

Tgt Ion:146 Resp: 53954

Ion	Ratio	Lower	Upper
146	100		
111	43.1	20.3	60.9
148	67.5	32.3	96.8





#89

n-Butylbenzene

Concen: 8.630 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX031021.D

Acq: 01 Sep 2022 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

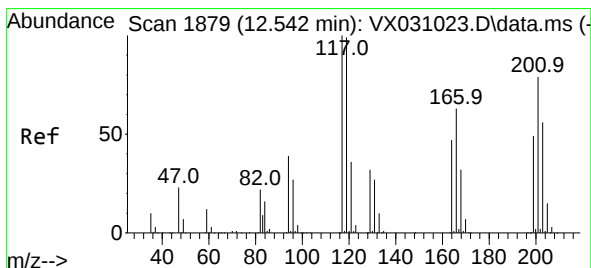
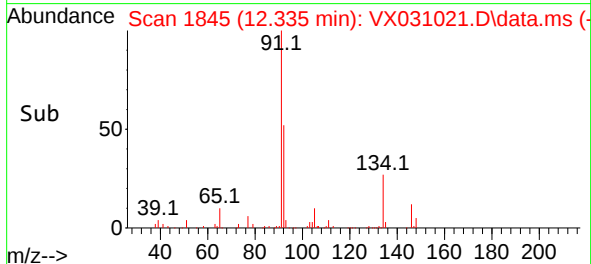
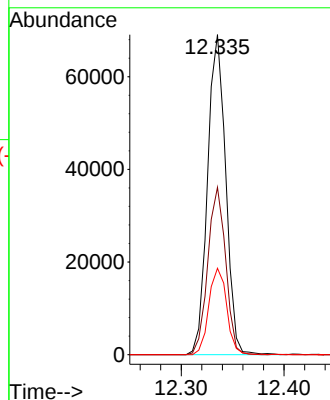
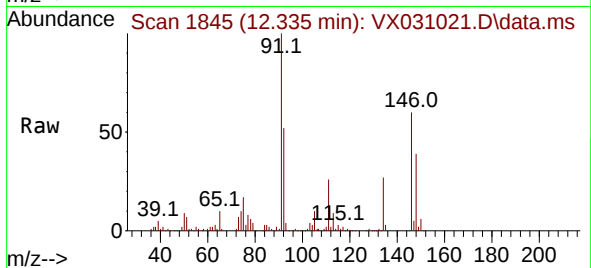
Tgt Ion:	91	Resp:	84710
Ion Ratio	Lower	Upper	
91	100		
92	51.5	26.2	78.5
134	26.6	12.6	37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2022

Supervised By :Mahesh Dadoda 09/02/2022



#90

Hexachloroethane

Concen: 9.743 ug/l

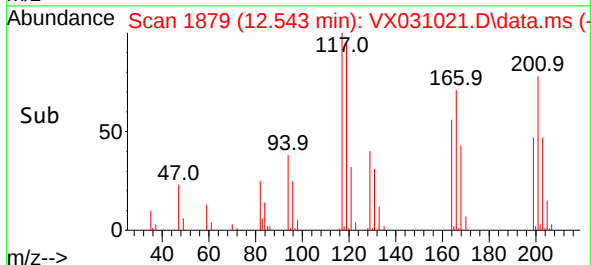
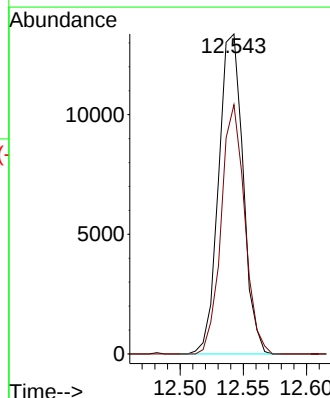
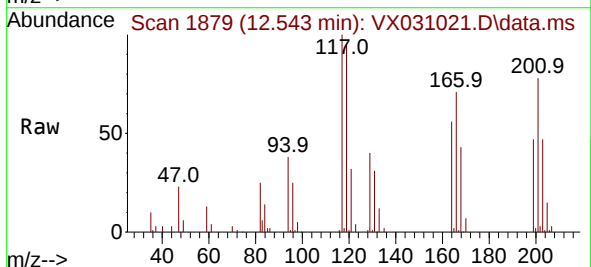
RT: 12.543 min Scan# 1879

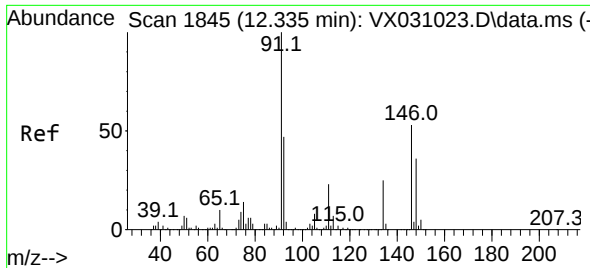
Delta R.T. 0.001 min

Lab File: VX031021.D

Acq: 01 Sep 2022 11:47

Tgt Ion:	117	Resp:	17939
Ion Ratio	Lower	Upper	
117	100		
201	75.0	34.2	102.5





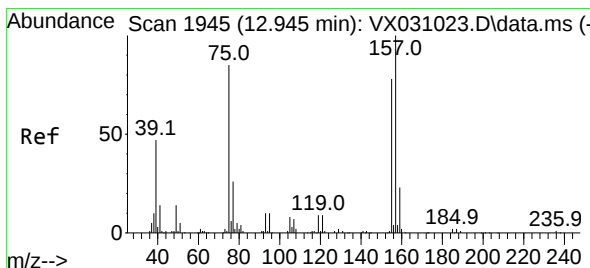
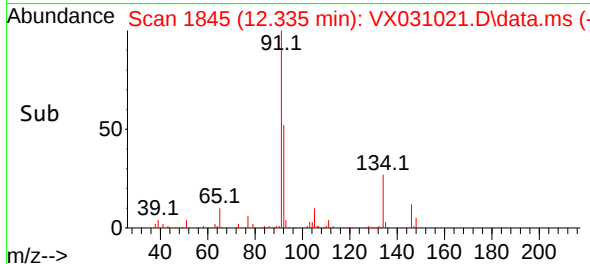
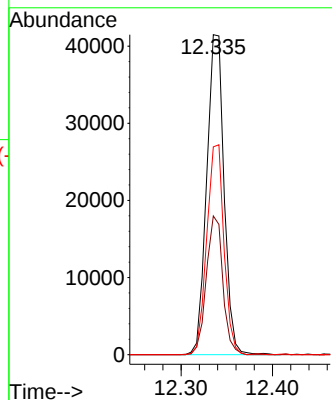
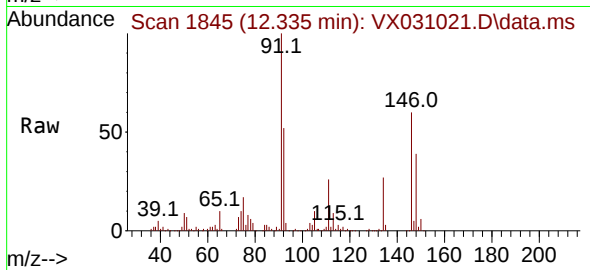
#91
1,2-Dichlorobenzene
Concen: 9.577 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX031021.D
Acq: 01 Sep 2022 11:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Tgt Ion:146 Resp: 54650
Ion Ratio Lower Upper
146 100
111 41.2 20.7 62.1
148 64.9 32.0 96.2

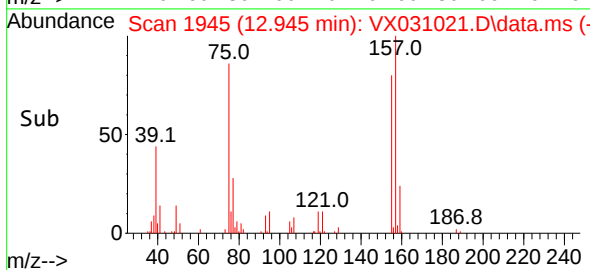
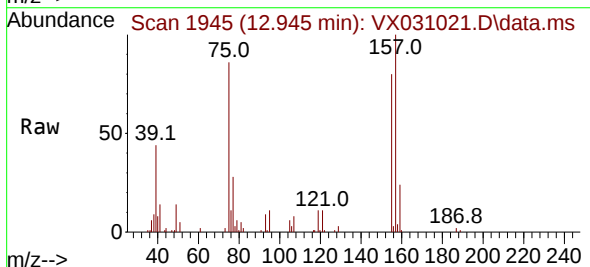
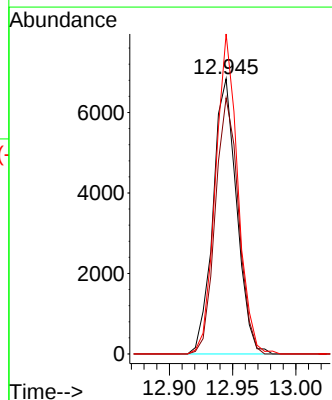
Manual Integrations
APPROVED

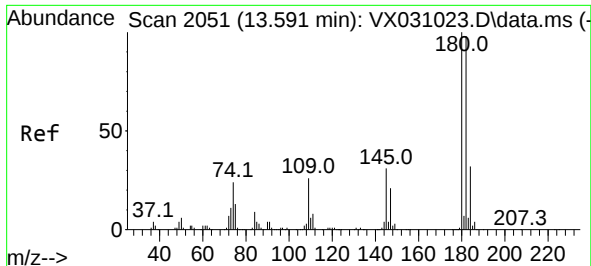
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 8.841 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX031021.D
Acq: 01 Sep 2022 11:47

Tgt Ion: 75 Resp: 8896
Ion Ratio Lower Upper
75 100
155 91.0 45.0 134.8
157 109.3 56.9 170.7





#93
1,2,4-Trichlorobenzene
Concen: 9.749 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX031021.D
Acq: 01 Sep 2022 11:47

Instrument :

MSVOA_X

ClientSampleId :

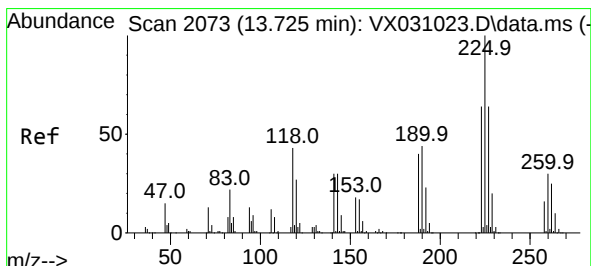
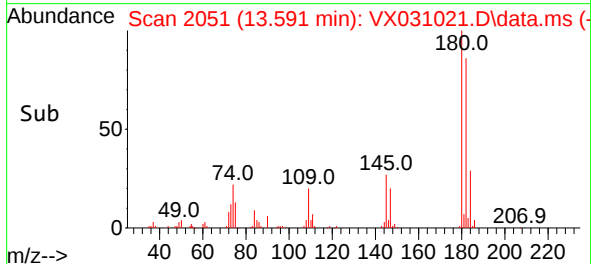
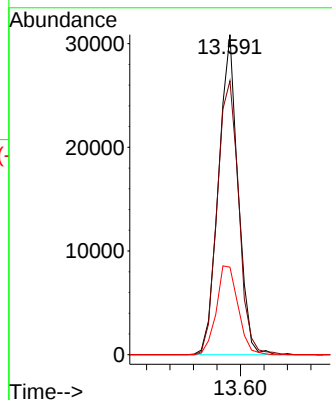
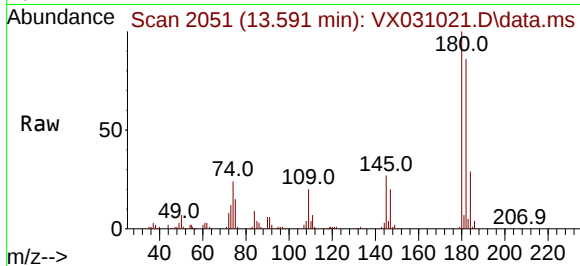
VSTDICC010

Tgt Ion:180 Resp: 3556
Ion Ratio Lower Upper
180 100
182 94.5 48.2 144.6
145 31.0 15.9 47.6

Manual Integrations

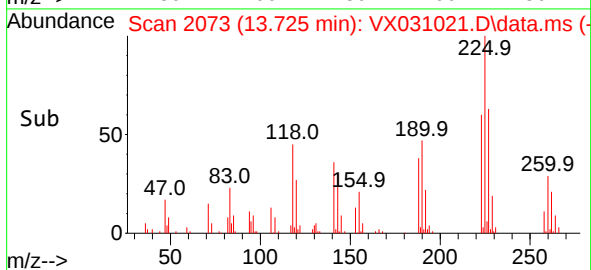
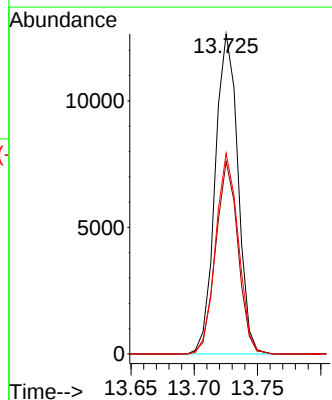
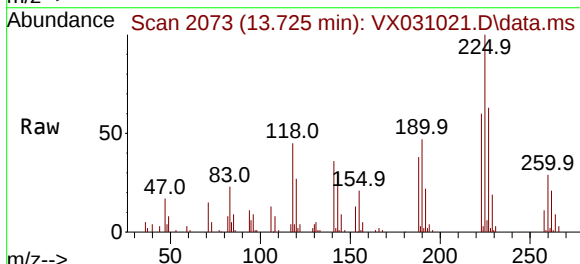
APPROVED

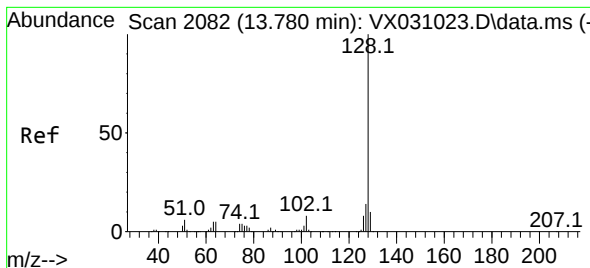
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#94
Hexachlorobutadiene
Concen: 10.186 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX031021.D
Acq: 01 Sep 2022 11:47

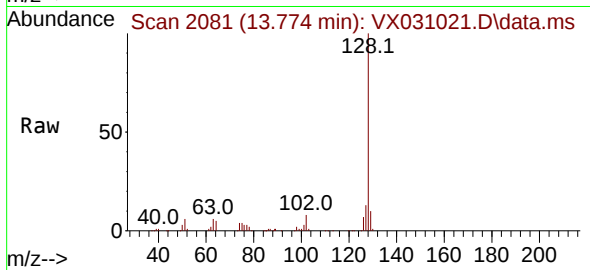
Tgt Ion:225 Resp: 15779
Ion Ratio Lower Upper
225 100
223 59.0 30.6 91.6
227 62.7 31.9 95.9





#95
Naphthalene
Concen: 9.962 ug/l
RT: 13.774 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX031021.D
Acq: 01 Sep 2022 11:47

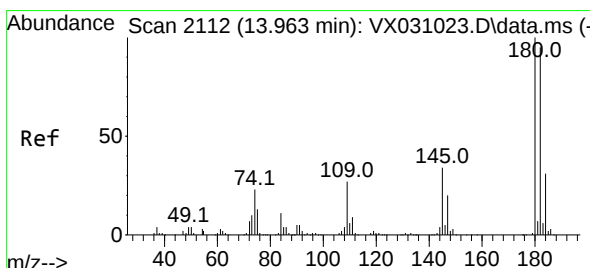
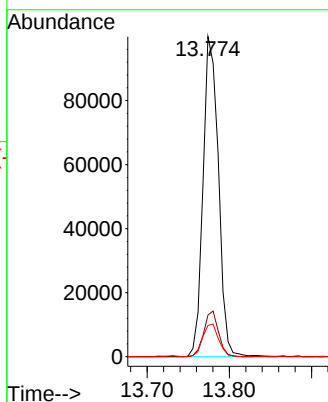
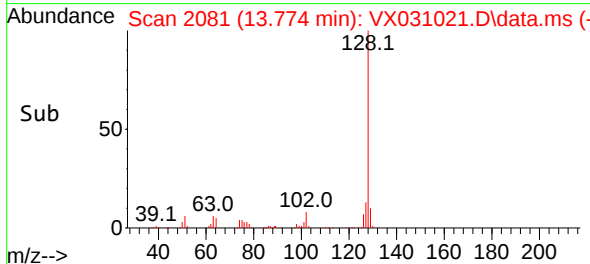
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010



Tgt Ion:128 Resp: 12997
Ion Ratio Lower Upper
128 100
127 13.7 10.2 15.2
129 10.6 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#96
1,2,3-Trichlorobenzene
Concen: 10.285 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX031021.D
Acq: 01 Sep 2022 11:47

Tgt Ion:180 Resp: 37881
Ion Ratio Lower Upper
180 100
182 92.2 47.0 141.0
145 31.8 17.0 50.9

