

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120822\
 Data File : VX033336.D
 Acq On : 08 Dec 2022 20:08
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 09 00:55:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/09/2022
 Supervised By : Mahesh Dadoda 12/09/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	170774	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	272806	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	245554	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	123266	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	46504	42.447	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	84.900%		
35) Dibromofluoromethane	5.385	113	54716	44.592	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.180%		
50) Toluene-d8	8.653	98	119059	46.383	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.760%		
62) 4-Bromofluorobenzene	11.079	95	95773	48.797	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.600%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	62101	52.057	ug/l	96
3) Chloromethane	1.294	50	62828	45.551	ug/l	99
4) Vinyl Chloride	1.373	62	72390	45.965	ug/l	97
5) Bromomethane	1.617	94	40478	35.023	ug/l	97
6) Chloroethane	1.690	64	50023	41.875	ug/l	98
7) Trichlorofluoromethane	1.885	101	128568	43.483	ug/l	100
8) Diethyl Ether	2.135	74	47152	44.152	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	52453	33.443	ug/l	96
10) Methyl Iodide	2.452	142	54255	31.584	ug/l	95
11) Tert butyl alcohol	3.007	59	70938m	211.785	ug/l	
12) 1,1-Dichloroethene	2.318	96	51742	33.421	ug/l	99
13) Acrolein	2.239	56	51289	141.186	ug/l	99
14) Allyl chloride	2.666	41	74430	30.104	ug/l	96
15) Acrylonitrile	3.068	53	185245	223.262	ug/l	98
16) Acetone	2.391	43	100908	124.471	ug/l	94
17) Carbon Disulfide	2.513	76	119130	29.981	ug/l	99
18) Methyl Acetate	2.708	43	71924	30.647	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	254858	47.523	ug/l	100
20) Methylene Chloride	2.800	84	68988	38.157	ug/l	88
21) trans-1,2-Dichloroethene	3.093	96	80966	47.808	ug/l	99
22) Diisopropyl ether	3.757	45	245623	46.369	ug/l #	86
23) Vinyl Acetate	3.720	43	931056	226.451	ug/l	98
24) 1,1-Dichloroethane	3.611	63	144797	46.522	ug/l	100
25) 2-Butanone	4.562	43	251486	216.111	ug/l	100
26) 2,2-Dichloropropane	4.476	77	100700	43.996	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	96110	47.485	ug/l	95
28) Bromochloromethane	4.897	49	61707	47.362	ug/l	91
29) Tetrahydrofuran	5.013	42	163496	216.851	ug/l	95
30) Chloroform	5.092	83	160388	46.418	ug/l	97
31) Cyclohexane	5.476	56	125342	48.140	ug/l	91
32) 1,1,1-Trichloroethane	5.385	97	141946	47.746	ug/l	98
36) 1,1-Dichloropropene	5.696	75	114456	47.844	ug/l	98
37) Ethyl Acetate	4.714	43	99831	44.146	ug/l	98
38) Carbon Tetrachloride	5.677	117	123314	46.007	ug/l	97
39) Methylcyclohexane	7.378	83	131448	49.090	ug/l	99
40) Benzene	6.043	78	334202	47.913	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	57665	46.275	ug/l	97
42) 1,2-Dichloroethane	6.086	62	125503	45.311	ug/l	97
43) Isopropyl Acetate	6.336	43	165997	45.621	ug/l	97
44) Trichloroethene	7.128	130	95371	49.592	ug/l	98
45) 1,2-Dichloropropane	7.427	63	83266	46.678	ug/l	99
46) Dibromomethane	7.580	93	61478	45.241	ug/l	95
47) Bromodichloromethane	7.823	83	121418	45.837	ug/l	100
48) Methyl methacrylate	7.695	41	84236	44.857	ug/l	91
49) 1,4-Dioxane	7.714	88	38603	901.477	ug/l	96
51) 4-Methyl-2-Pentanone	8.573	43	518389	225.289	ug/l	96
52) Toluene	8.720	92	220587	48.913	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	120340	42.676	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	132310	46.939	ug/l	91
55) 1,1,2-Trichloroethane	9.152	97	89068	46.983	ug/l	99
56) Ethyl methacrylate	9.116	69	127683	47.837	ug/l #	90
57) 1,3-Dichloropropane	9.311	76	143307	47.057	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	292293	239.332	ug/l	98
59) 2-Hexanone	9.433	43	384702	226.872	ug/l	95
60) Dibromochloromethane	9.524	129	94759	45.368	ug/l	100
61) 1,2-Dibromoethane	9.610	107	95416	47.318	ug/l	100
64) Tetrachloroethene	9.274	164	81769	48.699	ug/l	96
65) Chlorobenzene	10.079	112	237813	47.826	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.164	131	89013	47.369	ug/l	99
67) Ethyl Benzene	10.195	91	432721	49.951	ug/l	97
68) m/p-Xylenes	10.299	106	339407	100.701	ug/l	97
69) o-Xylene	10.640	106	168677	50.631	ug/l	94
70) Styrene	10.658	104	273835	50.188	ug/l	98
71) Bromoform	10.799	173	67431	45.334	ug/l #	98
73) Isopropylbenzene	10.963	105	435170	48.707	ug/l	99
74) N-amyl acetate	10.841	43	143721	47.148	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	130065	45.888	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	115129m	45.907	ug/l	
77) Bromobenzene	11.201	156	106266	47.101	ug/l	99
78) n-propylbenzene	11.305	91	487982	48.915	ug/l	99
79) 2-Chlorotoluene	11.365	91	294367	47.746	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	364957	49.073	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	32260	40.014	ug/l	99
82) 4-Chlorotoluene	11.457	91	336197	46.896	ug/l	98
83) tert-Butylbenzene	11.713	119	364116	49.097	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	370475	49.904	ug/l	100
85) sec-Butylbenzene	11.890	105	431749	49.897	ug/l	99
86) p-Isopropyltoluene	12.012	119	369833	49.576	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	196694	48.128	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	200544	48.040	ug/l	98
89) n-Butylbenzene	12.335	91	303204	49.624	ug/l	99
90) Hexachloroethane	12.536	117	54841	43.249	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	195847	47.932	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.944	75	26340	43.023	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	120505	48.834	ug/l	99
94) Hexachlorobutadiene	13.725	225	47141	47.706	ug/l	98
95) Naphthalene	13.774	128	413744	50.265	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	120982	48.407	ug/l	99

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Quant Title : SW846 8260
QLast Update : Wed Dec 07 12:43:54 2022
Response via : Initial Calibration

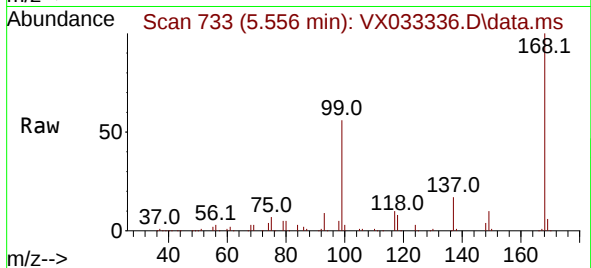
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033336.D
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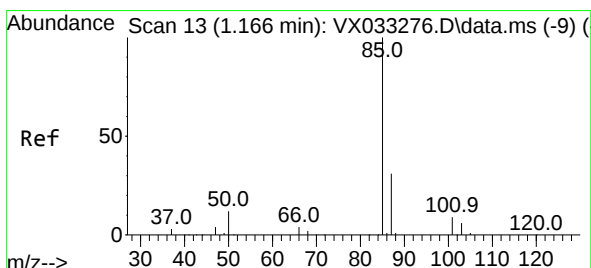
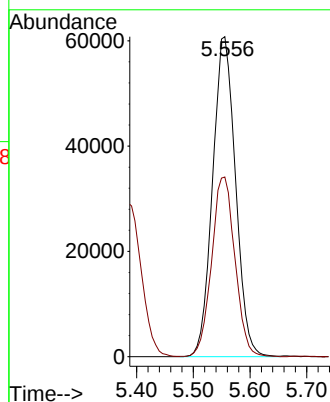
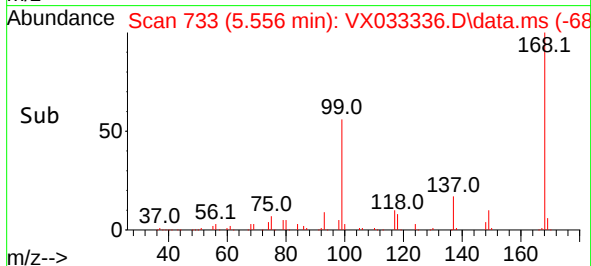
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 170774
Ion Ratio Lower Upper
168 100
99 56.1 46.1 69.1

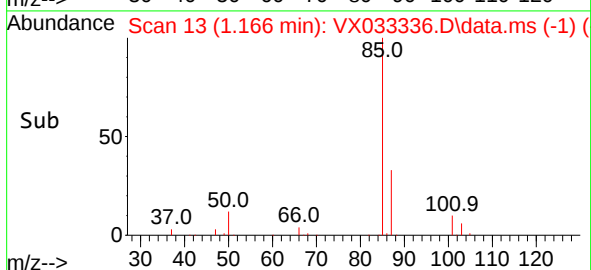
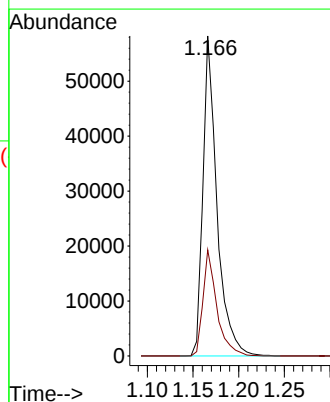
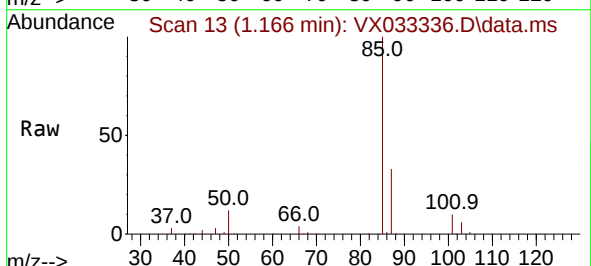
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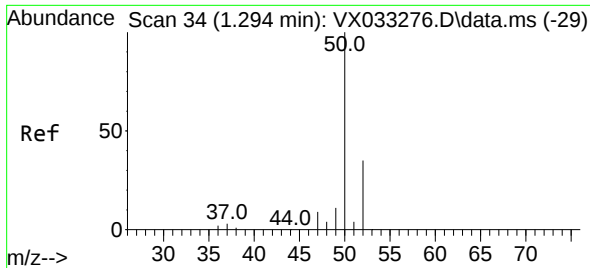
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#2
Dichlorodifluoromethane
Concen: 52.057 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX033336.D
Acq: 08 Dec 2022 20:08

Tgt Ion: 85 Resp: 62101
Ion Ratio Lower Upper
85 100
87 33.2 15.6 46.7





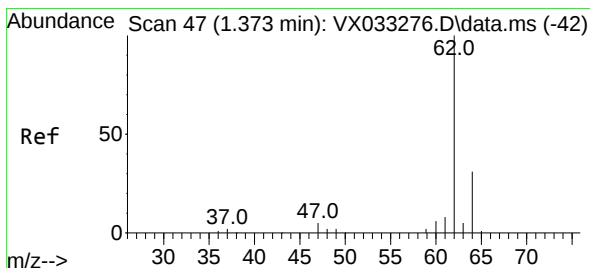
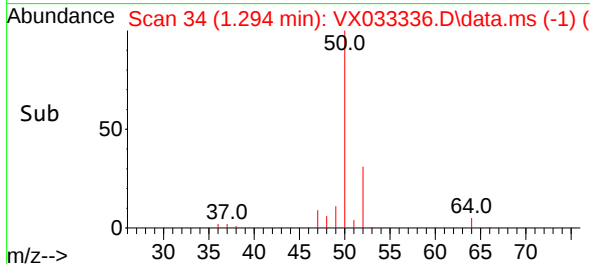
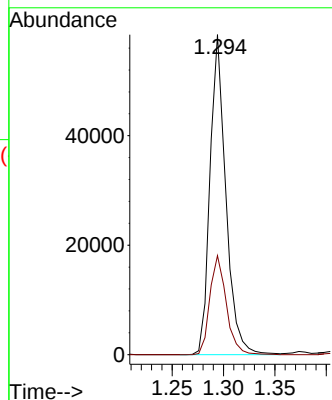
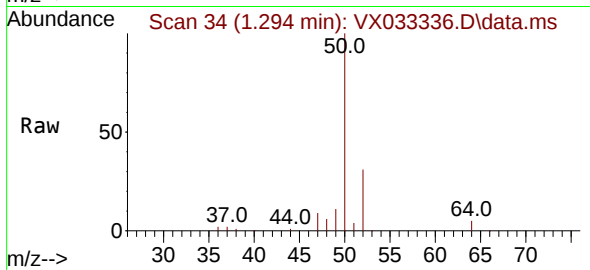
#3
Chloromethane
Concen: 45.551 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX033336.D
Acq: 08 Dec 2022 20:08

Instrument :
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Tgt Ion: 50 Resp: 62828
Ion Ratio Lower Upper
50 100
52 31.0 25.4 38.2

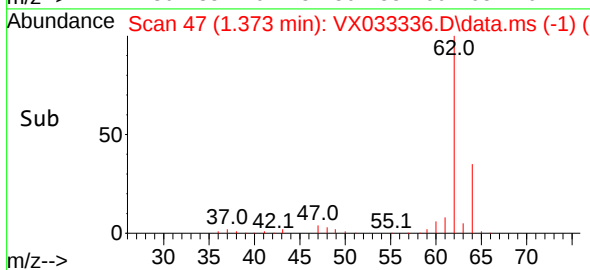
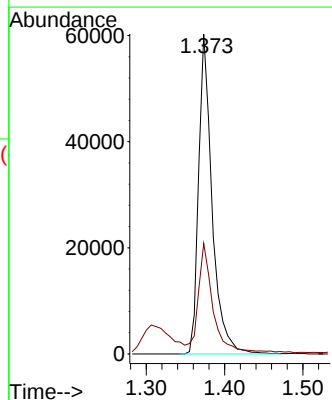
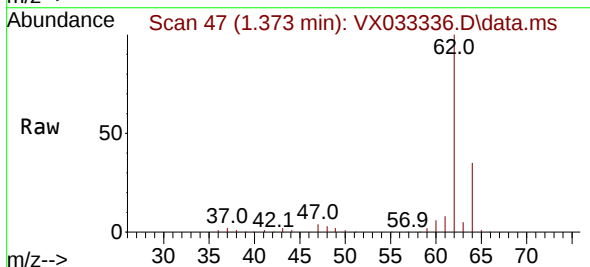
Manual Integrations
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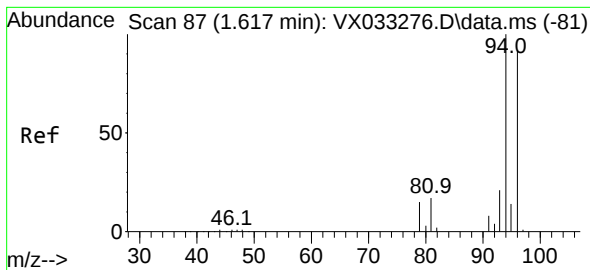
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#4
Vinyl Chloride
Concen: 45.965 ug/l
RT: 1.373 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX033336.D
Acq: 08 Dec 2022 20:08

Tgt Ion: 62 Resp: 72390
Ion Ratio Lower Upper
62 100
64 33.8 25.8 38.6





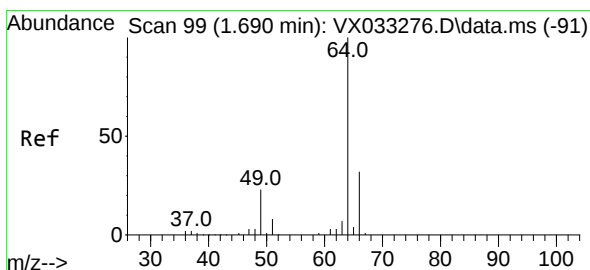
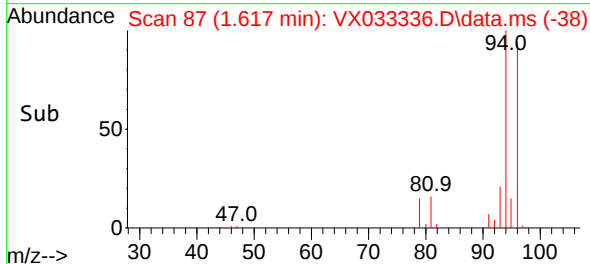
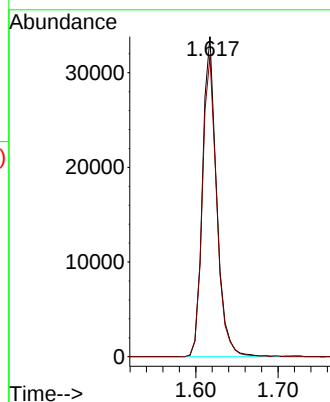
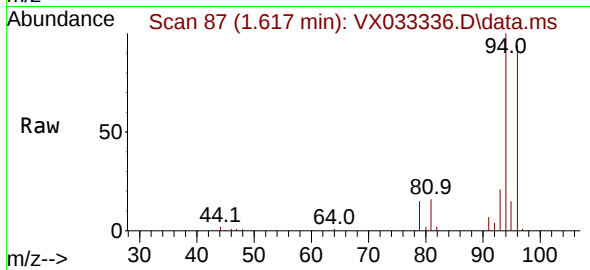
#5
Bromomethane
Concen: 35.023 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX033336.D
Acq: 08 Dec 2022 20:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 94 Resp: 40478
Ion Ratio Lower Upper
94 100
96 93.8 77.6 116.4

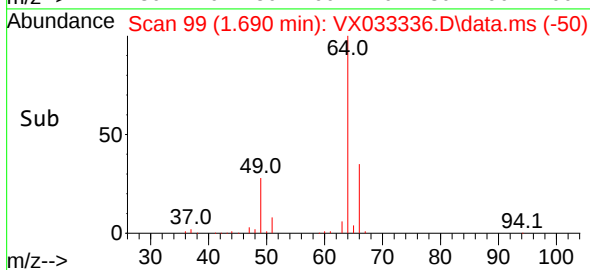
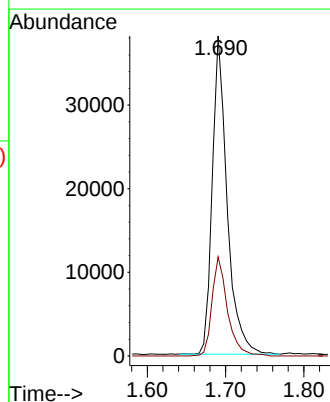
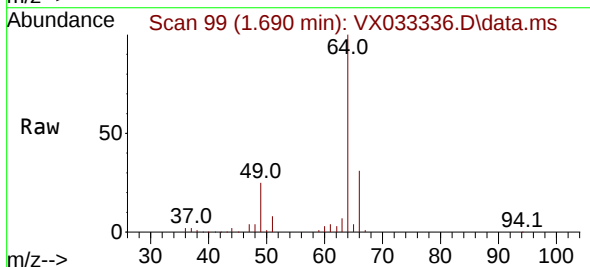
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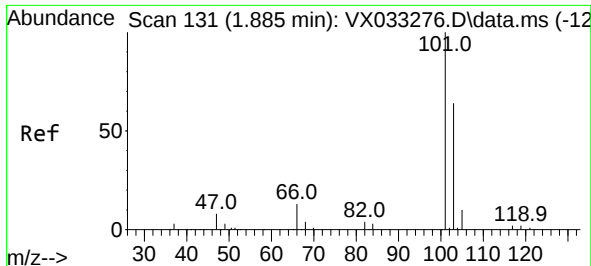
Reviewed By :John Carlone 12/09/2022
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#6
Chloroethane
Concen: 41.875 ug/l
RT: 1.690 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX033336.D
Acq: 08 Dec 2022 20:08

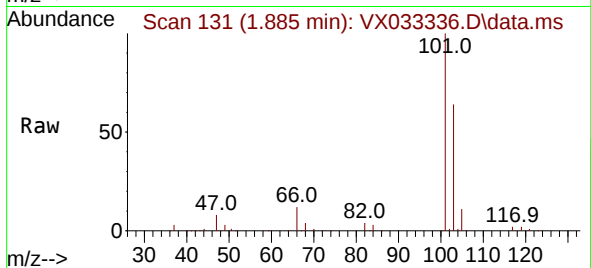
Tgt Ion: 64 Resp: 50023
Ion Ratio Lower Upper
64 100
66 31.1 26.0 39.0





#7
Trichlorofluoromethane
Concen: 43.483 ug/l
RT: 1.885 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033336.D
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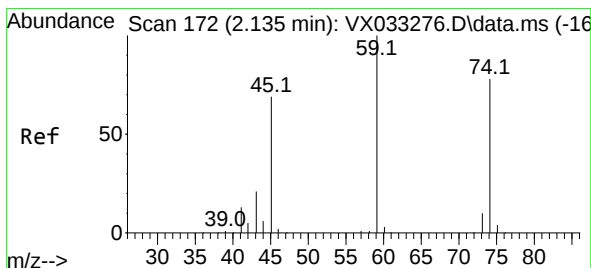
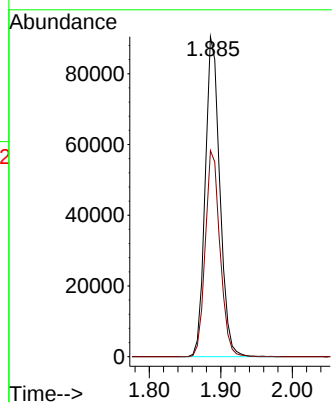
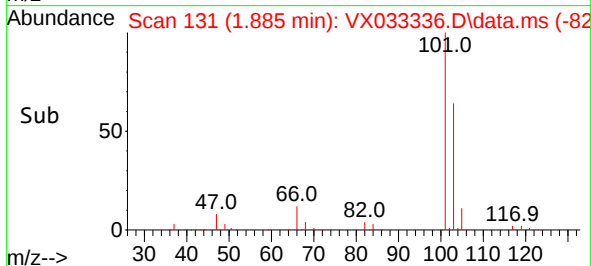
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 12856
Ion Ratio Lower Upper
101 100
103 64.4 51.4 77.2

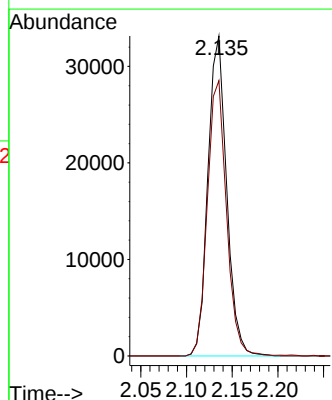
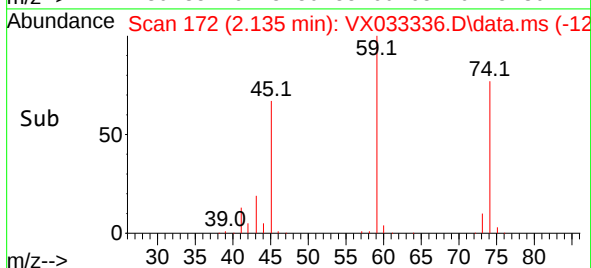
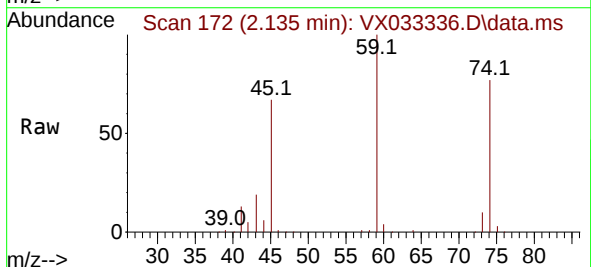
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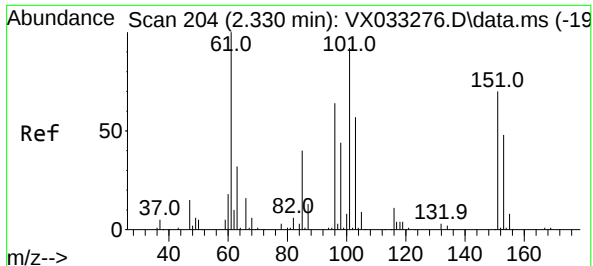
Reviewed By :John Carlone 12/09/2022
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#8
Diethyl Ether
Concen: 44.152 ug/l
RT: 2.135 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX033336.D
Acq: 08 Dec 2022 20:08

Tgt Ion: 74 Resp: 47152
Ion Ratio Lower Upper
74 100
45 87.9 46.6 139.7





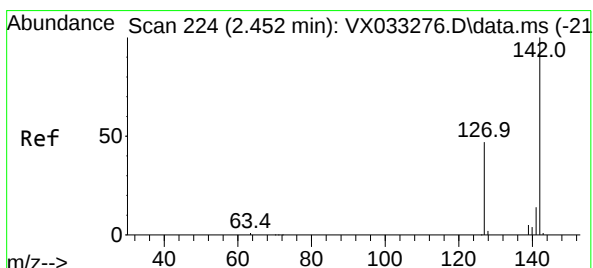
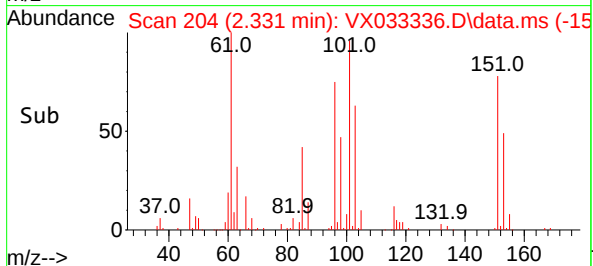
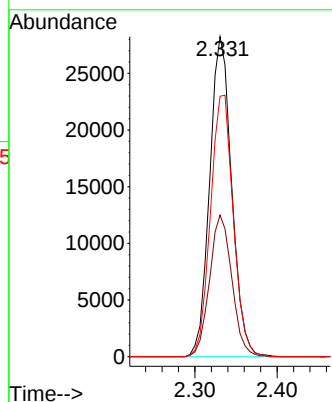
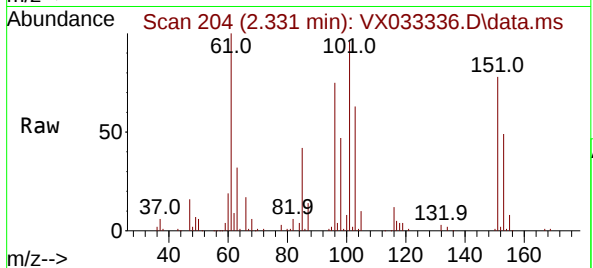
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1,1,2-Trichlorotrifluoroethane
Concen: 33.443 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX033336.D
Acq: 08 Dec 2022 20:08

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ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 5245
Ion Ratio Lower Upper
101 100
85 44.8 37.0 55.4
151 84.6 64.4 96.6

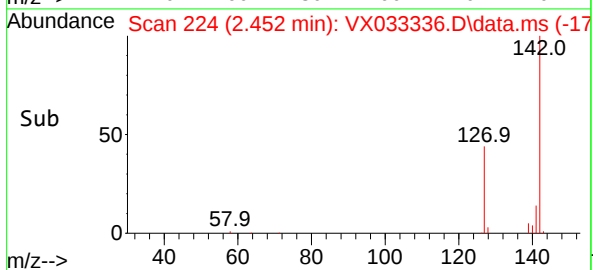
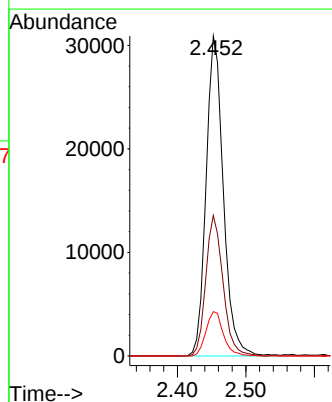
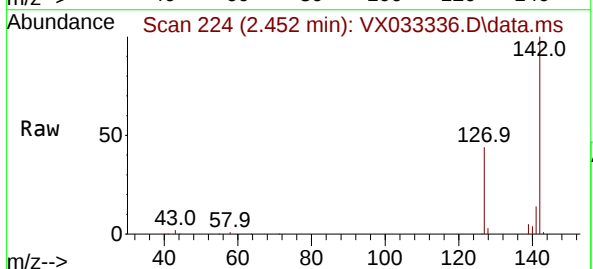
Manual Integrations
APPROVED

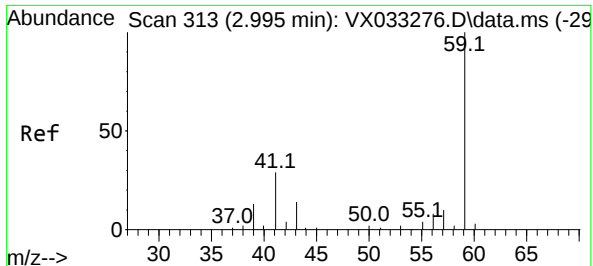
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#10
Methyl Iodide
Concen: 31.584 ug/l
RT: 2.452 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX033336.D
Acq: 08 Dec 2022 20:08

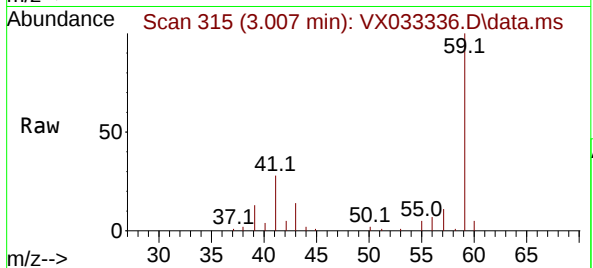
Tgt Ion:142 Resp: 54255
Ion Ratio Lower Upper
142 100
127 43.7 38.6 57.8
141 14.0 11.4 17.2





#11
Tert butyl alcohol
Concen: 211.785 ug/l m
RT: 3.007 min Scan# 313
Delta R.T. 0.012 min
Lab File: VX033336.D
Acq: 08 Dec 2022 20:08

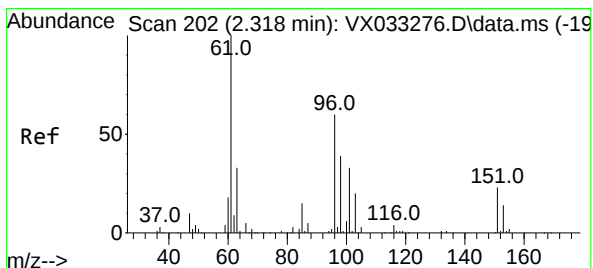
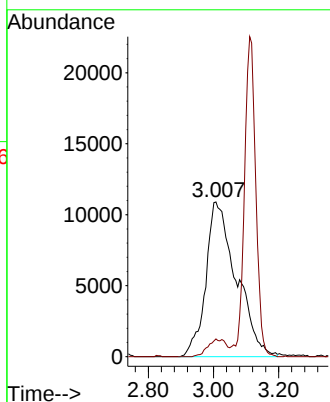
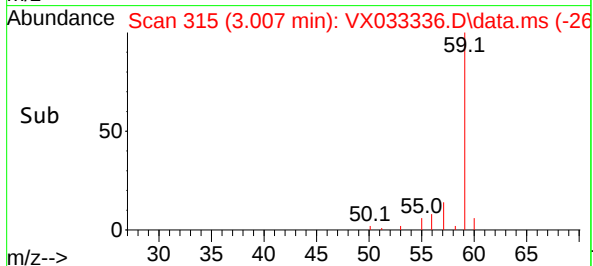
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



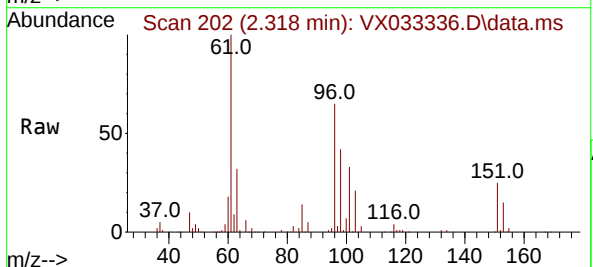
Tgt Ion: 59 Resp: 70938
Ion Ratio Lower Upper
59 100
57 6.9 8.2 12.4

Manual Integrations
APPROVED

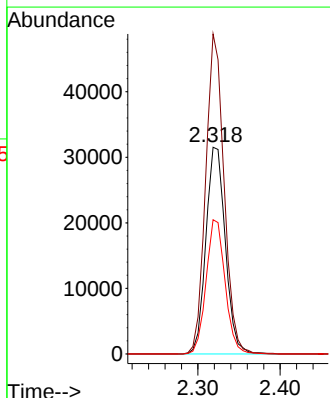
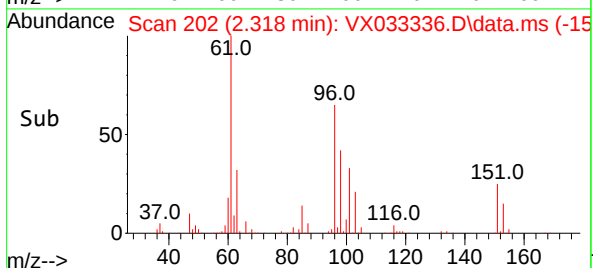
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022

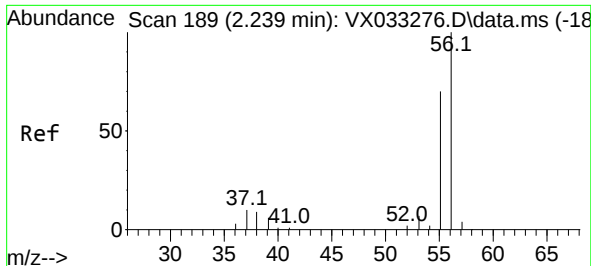


#12
1,1-Dichloroethene
Concen: 33.421 ug/l
RT: 2.318 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX033336.D
Acq: 08 Dec 2022 20:08



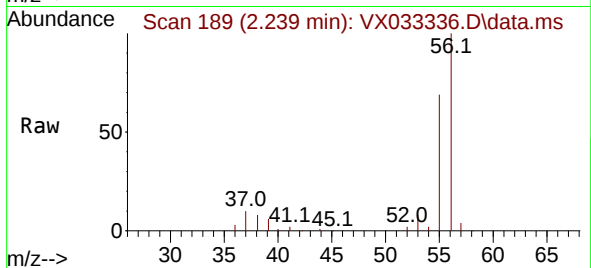
Tgt Ion: 96 Resp: 51742
Ion Ratio Lower Upper
96 100
61 154.8 125.1 187.7
98 65.0 50.6 76.0





#13
Acrolein
Concen: 141.186 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX033336.D
Acq: 08 Dec 2022 20:08

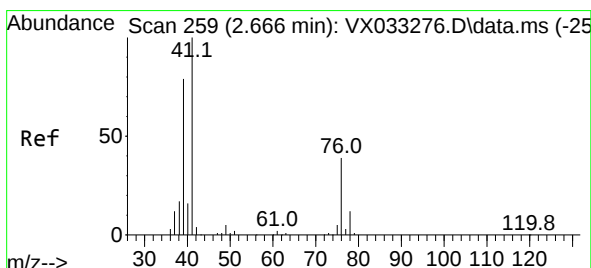
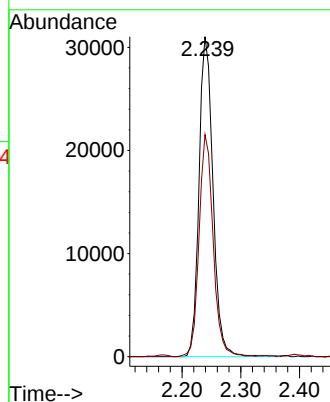
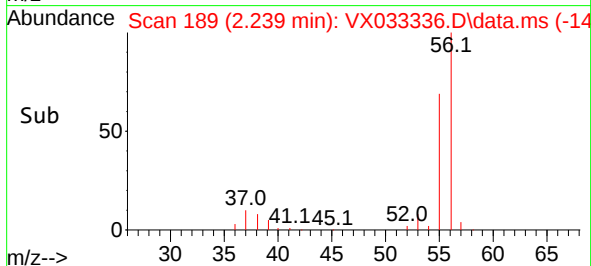
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



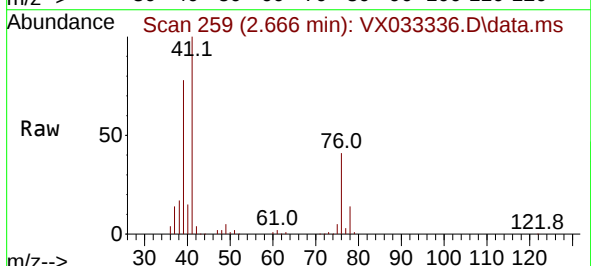
Tgt Ion: 56 Resp: 51289
Ion Ratio Lower Upper
56 100
55 70.1 56.9 85.3

Manual Integrations
APPROVED

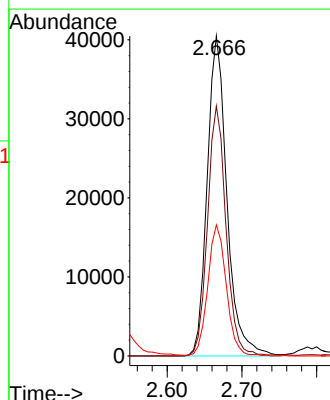
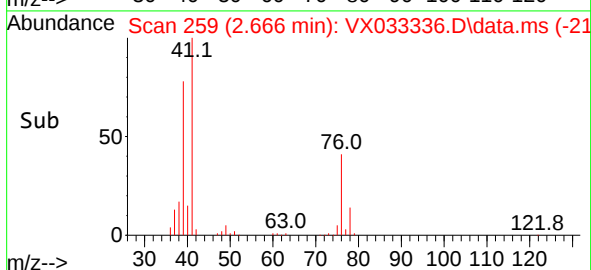
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022

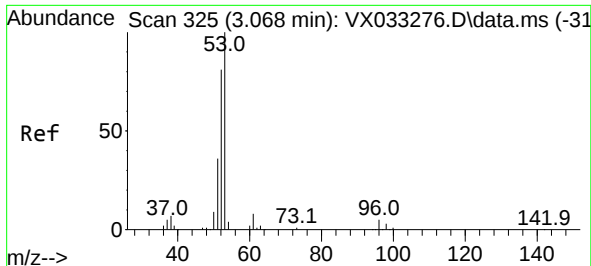


#14
Allyl chloride
Concen: 30.104 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX033336.D
Acq: 08 Dec 2022 20:08



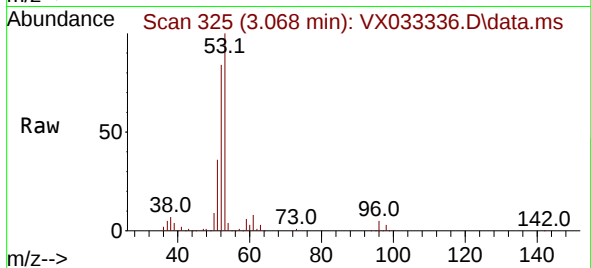
Tgt Ion: 41 Resp: 74430
Ion Ratio Lower Upper
41 100
39 73.1 61.4 92.2
76 38.5 29.2 43.8





#15
Acrylonitrile
Concen: 223.262 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX033336.D
Acq: 08 Dec 2022 20:08

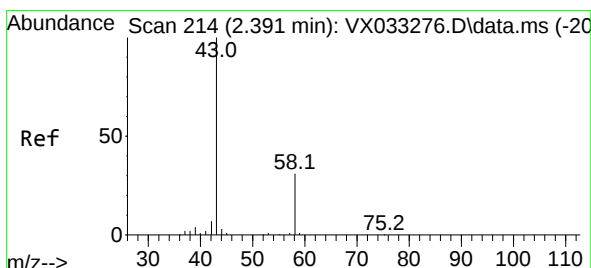
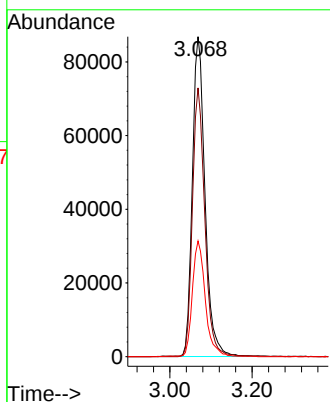
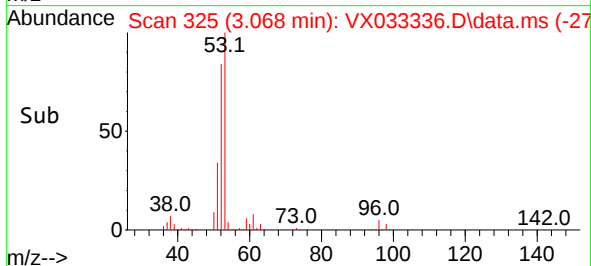
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



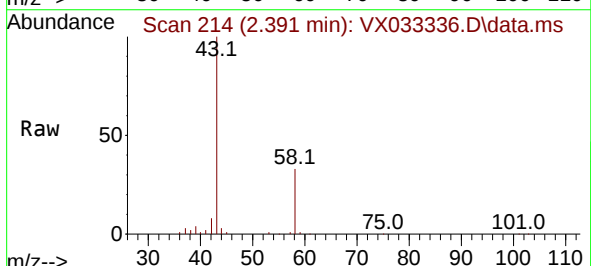
Tgt Ion: 53 Resp: 185249
Ion Ratio Lower Upper
53 100
52 82.6 67.4 101.0
51 36.6 30.3 45.5

Manual Integrations
APPROVED

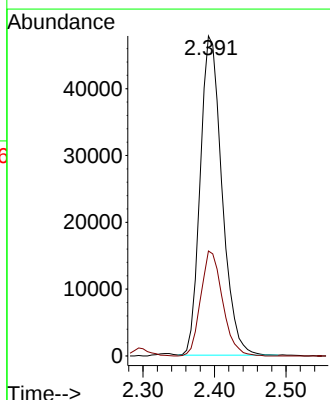
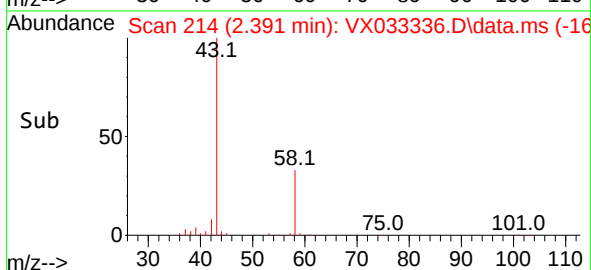
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022

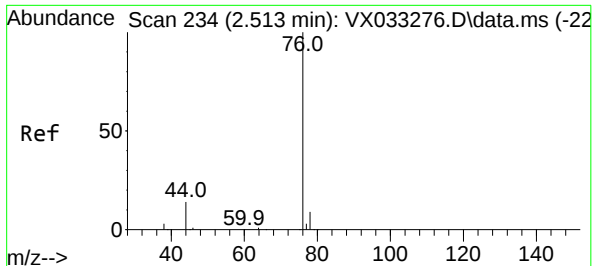


#16
Acetone
Concen: 124.471 ug/l
RT: 2.391 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX033336.D
Acq: 08 Dec 2022 20:08



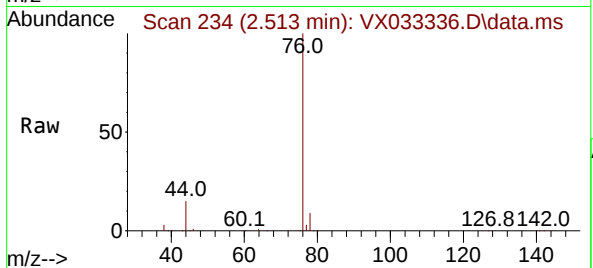
Tgt Ion: 43 Resp: 100908
Ion Ratio Lower Upper
43 100
58 32.9 23.8 35.8





#17
Carbon Disulfide
Concen: 29.981 ug/l
RT: 2.513 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX033336.D
Acq: 08 Dec 2022 20:08

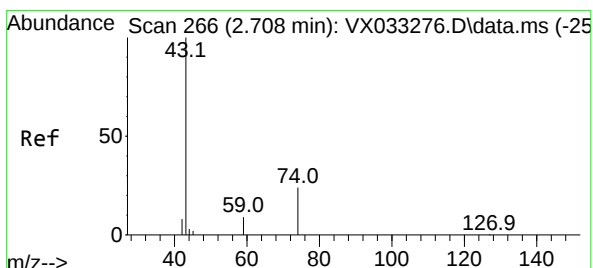
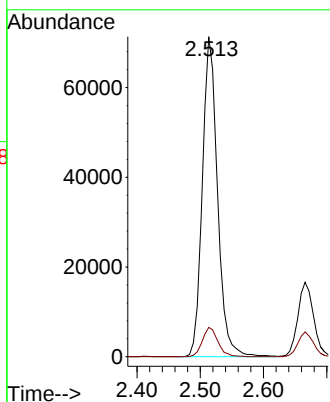
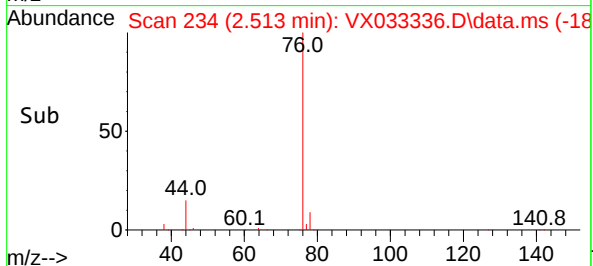
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 119130
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3

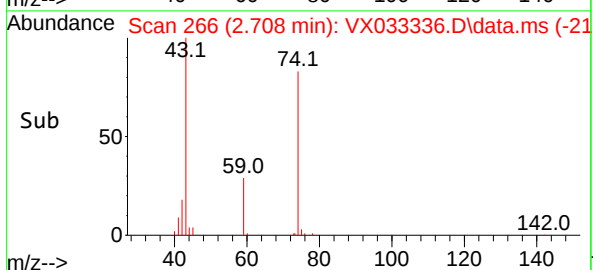
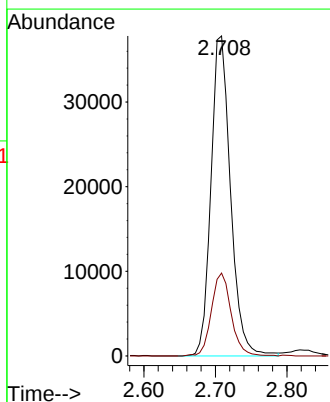
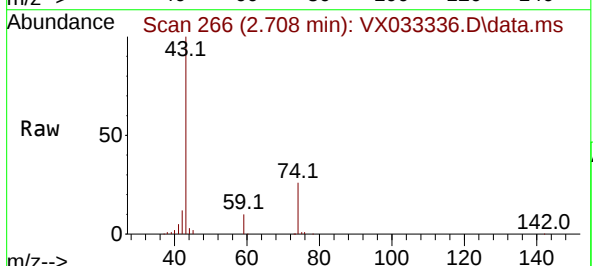
Manual Integrations
APPROVED

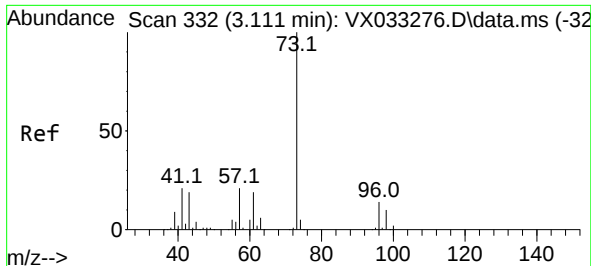
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#18
Methyl Acetate
Concen: 30.647 ug/l
RT: 2.708 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX033336.D
Acq: 08 Dec 2022 20:08

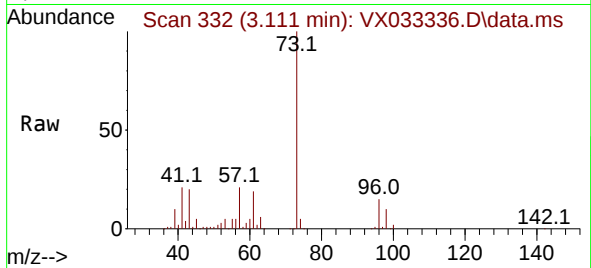
Tgt Ion: 43 Resp: 71924
Ion Ratio Lower Upper
43 100
74 26.1 19.4 29.0





#19
Methyl tert-butyl Ether
Concen: 47.523 ug/l
RT: 3.111 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX033336.D
Acq: 08 Dec 2022 20:08

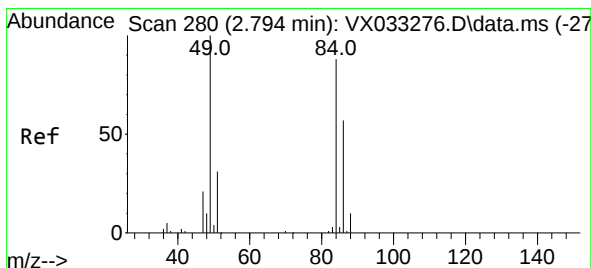
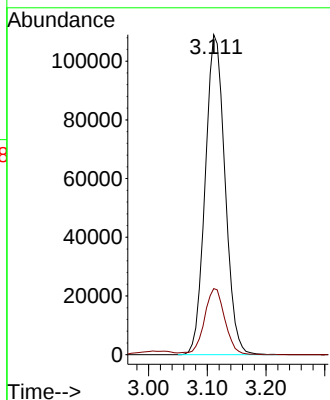
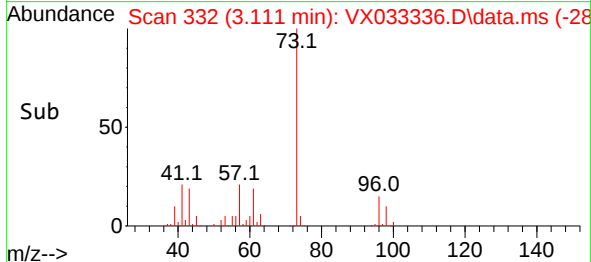
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 25485
Ion Ratio Lower Upper
73 100
57 20.6 16.6 25.0

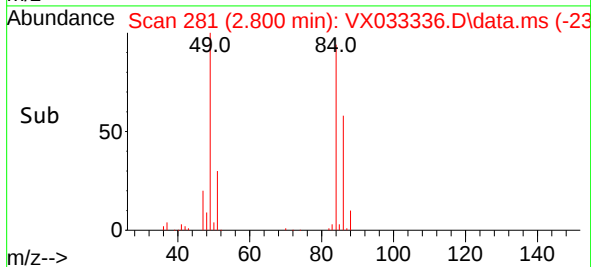
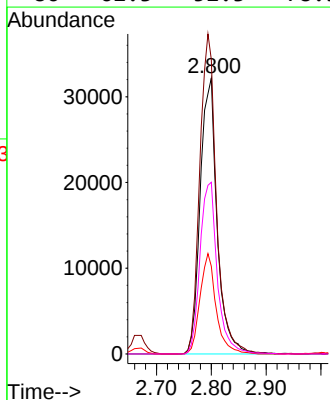
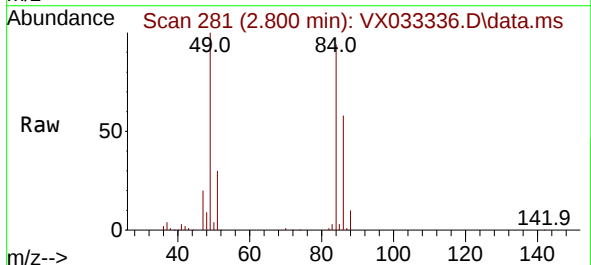
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#20
Methylene Chloride
Concen: 38.157 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX033336.D
Acq: 08 Dec 2022 20:08

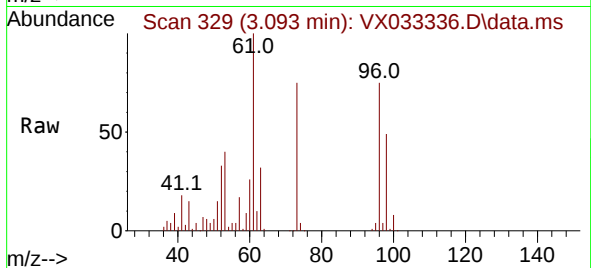
Tgt Ion: 84 Resp: 68988
Ion Ratio Lower Upper
84 100
49 106.7 101.0 151.6
51 31.8 31.1 46.7
86 62.3 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 47.808 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX033336.D
Acq: 08 Dec 2022 20:08

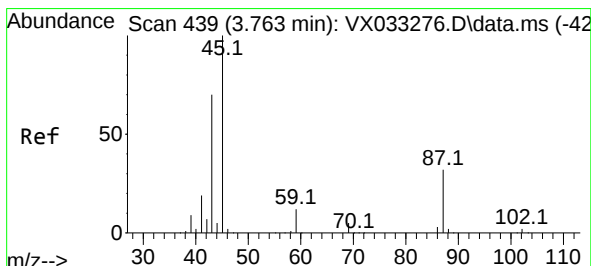
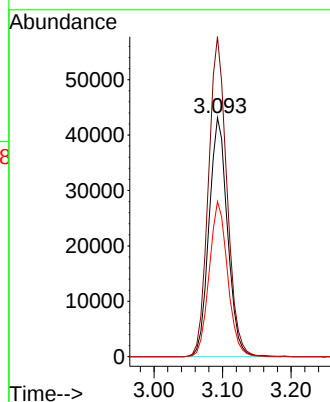
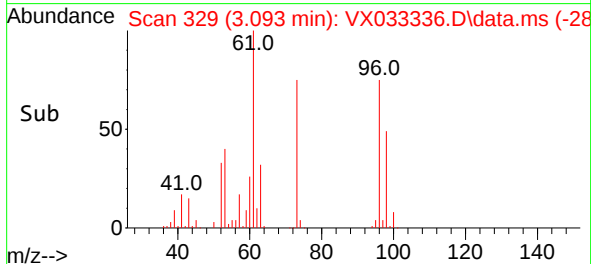
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



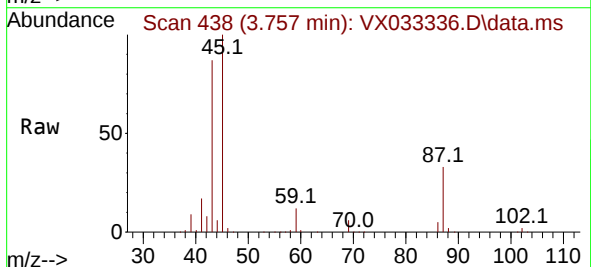
Tgt Ion: 96 Resp: 80960
Ion Ratio Lower Upper
96 100
61 133.9 106.6 160.0
98 65.0 51.0 76.6

Manual Integrations
APPROVED

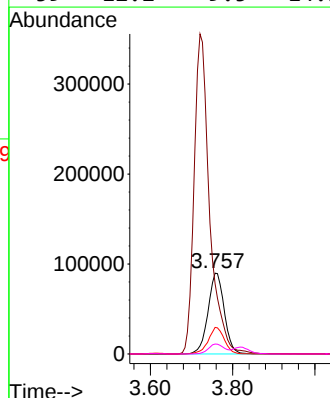
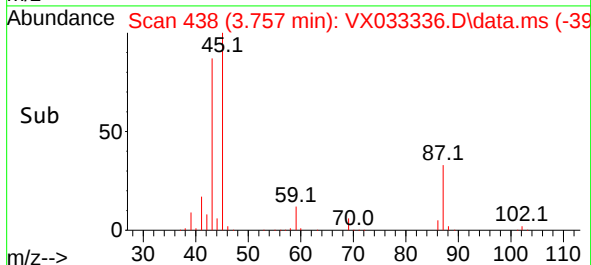
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022

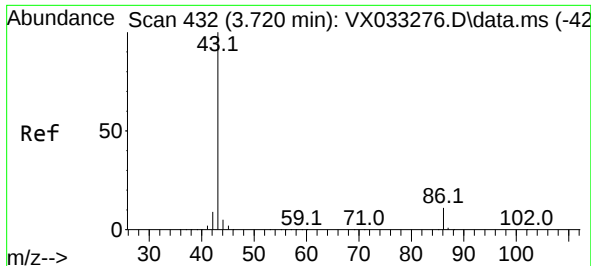


#22
Diisopropyl ether
Concen: 46.369 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX033336.D
Acq: 08 Dec 2022 20:08



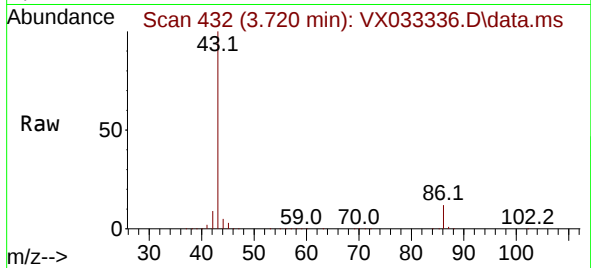
Tgt Ion: 45 Resp: 245623
Ion Ratio Lower Upper
45 100
43 87.0 56.4 84.6#
87 33.0 24.4 36.6
59 12.2 9.5 14.3





#23
 Vinyl Acetate
 Concen: 226.451 ug/l
 RT: 3.720 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX033336.D
 Acq: 08 Dec 2022 20:08

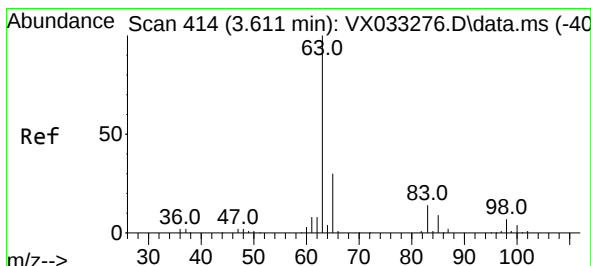
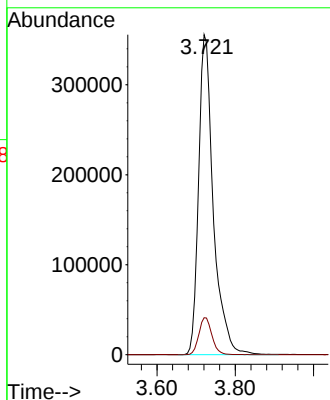
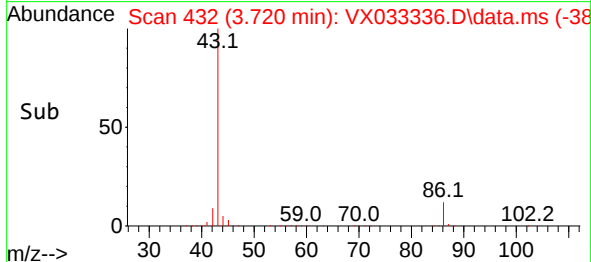
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



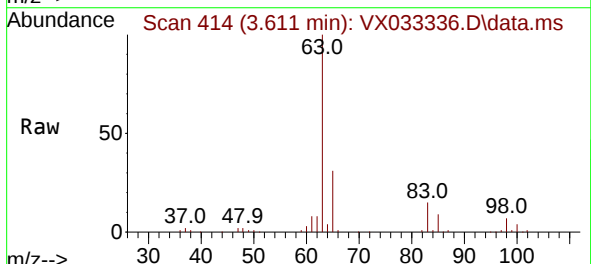
Tgt Ion: 43 Resp: 931050
 Ion Ratio Lower Upper
 43 100
 86 11.6 8.6 12.8

Manual Integrations
 APPROVED

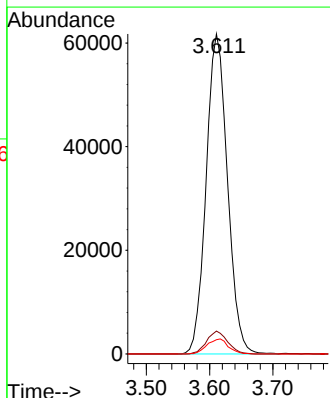
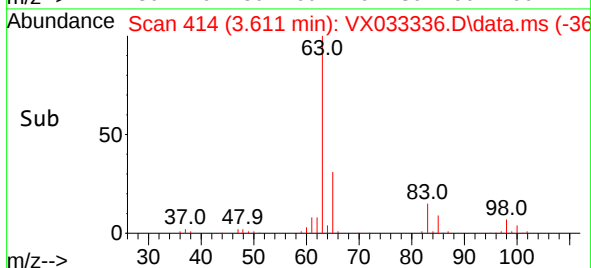
Reviewed By :John Carlone 12/09/2022
 Supervised By :Mahesh Dadoda 12/09/2022

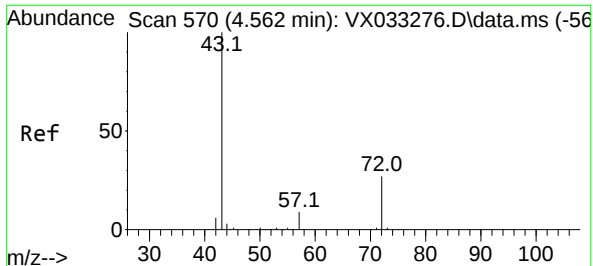


#24
 1,1-Dichloroethane
 Concen: 46.522 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX033336.D
 Acq: 08 Dec 2022 20:08



Tgt Ion: 63 Resp: 144797
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.5 10.4
 100 4.5 2.3 6.8





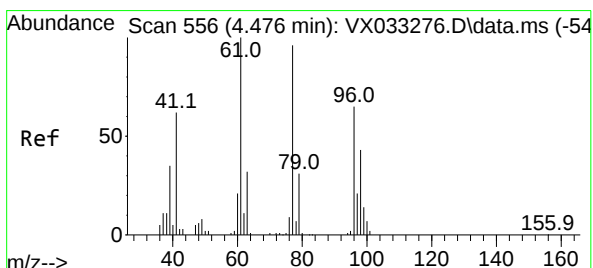
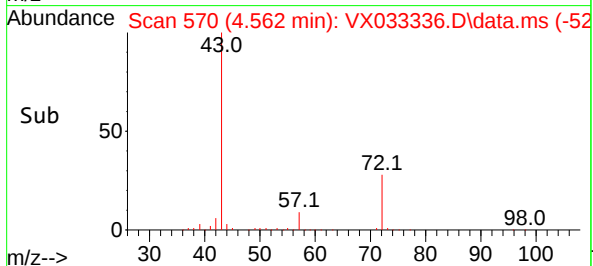
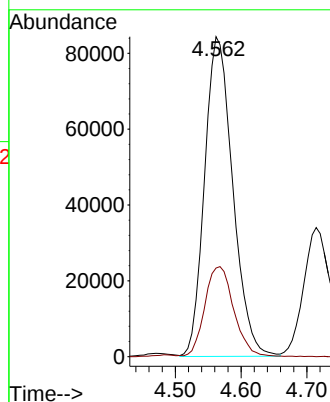
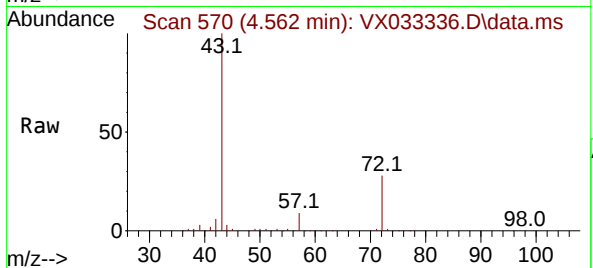
#25
2-Butanone
Concen: 216.111 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX033336.D
Acq: 08 Dec 2022 20:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 251480
Ion Ratio Lower Upper
43 100
72 27.6 22.2 33.2

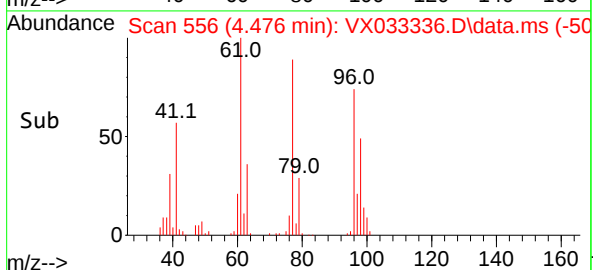
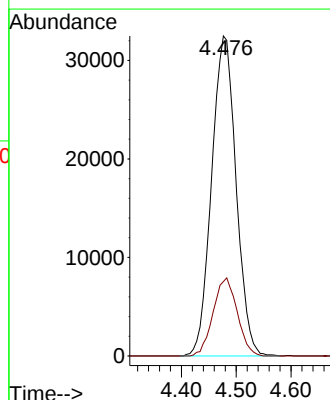
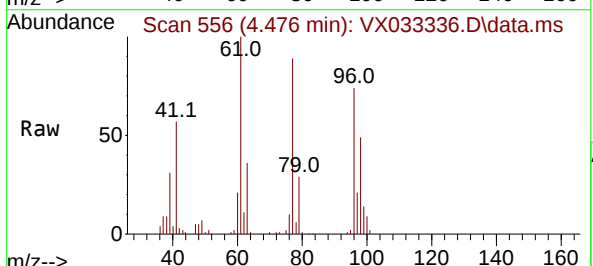
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#26
2,2-Dichloropropane
Concen: 43.996 ug/l
RT: 4.476 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX033336.D
Acq: 08 Dec 2022 20:08

Tgt Ion: 77 Resp: 100700
Ion Ratio Lower Upper
77 100
97 24.0 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 47.485 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX033336.D

Acq: 08 Dec 2022 20:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 96110

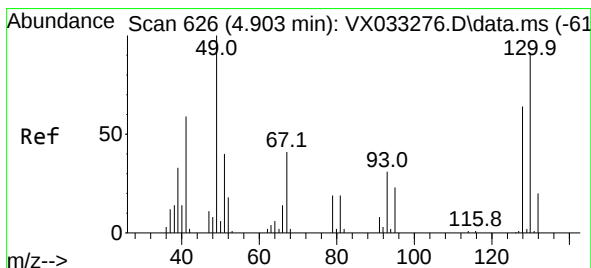
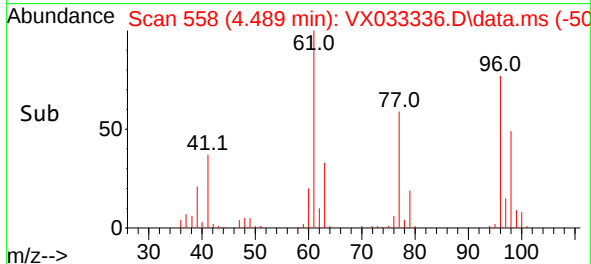
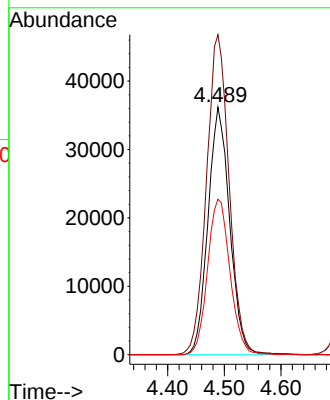
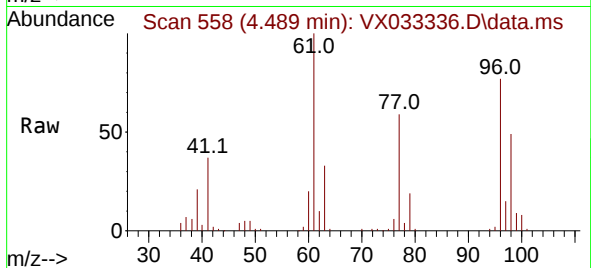
Ion	Ratio	Lower	Upper
96	100		
61	134.9	0.0	286.0
98	64.9	0.0	129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/09/2022

Supervised By :Mahesh Dadoda 12/09/2022



#28

Bromochloromethane

Concen: 47.362 ug/l

RT: 4.897 min Scan# 625

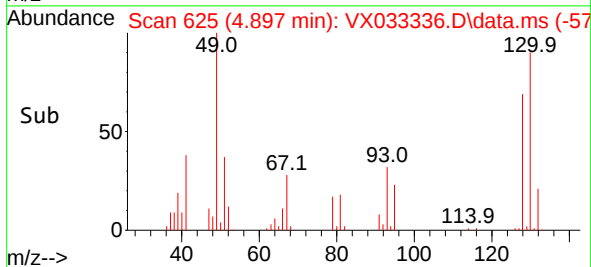
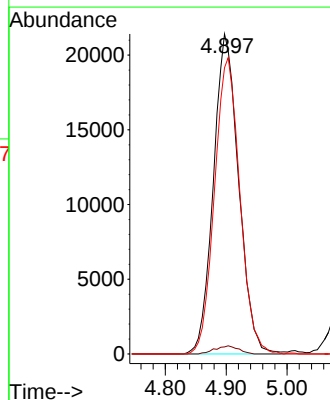
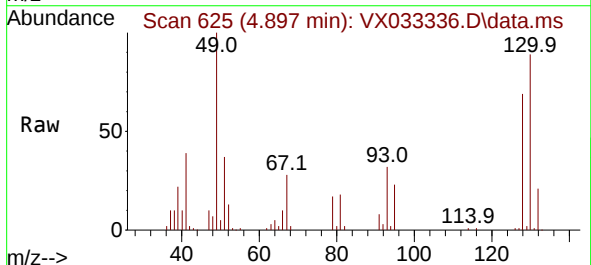
Delta R.T. -0.006 min

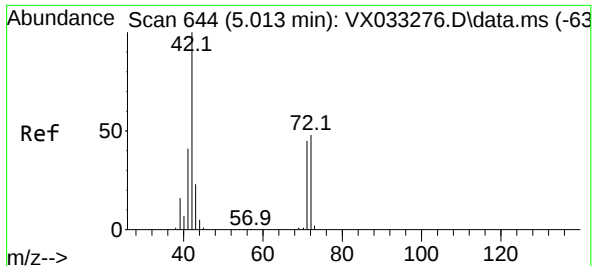
Lab File: VX033336.D

Acq: 08 Dec 2022 20:08

Tgt Ion: 49 Resp: 61707

Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	3.8
130	92.9	67.5	101.3





#29

Tetrahydrofuran

Concen: 216.851 ug/l

RT: 5.013 min Scan# 64

Delta R.T. 0.000 min

Lab File: VX033336.D

Acq: 08 Dec 2022 20:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 163490

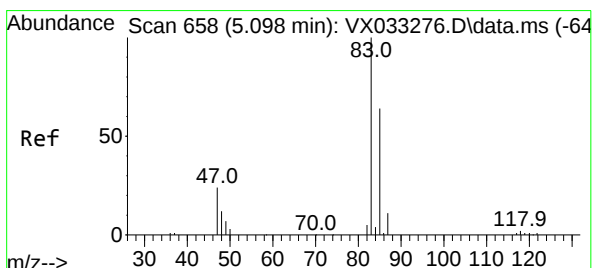
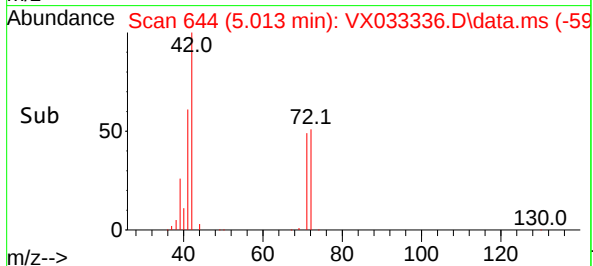
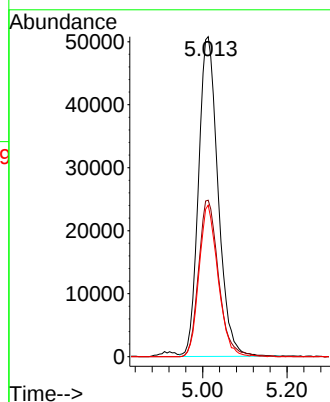
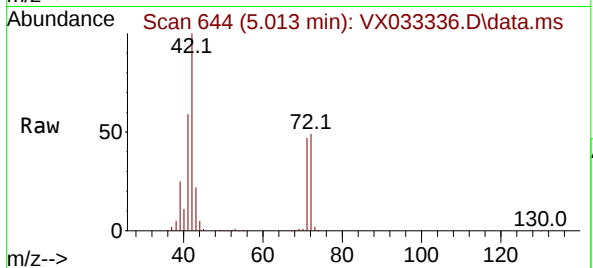
Ion	Ratio	Lower	Upper
42	100		
72	50.2	37.6	56.4
71	46.1	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/09/2022

Supervised By :Mahesh Dadoda 12/09/2022



#30

Chloroform

Concen: 46.418 ug/l

RT: 5.092 min Scan# 657

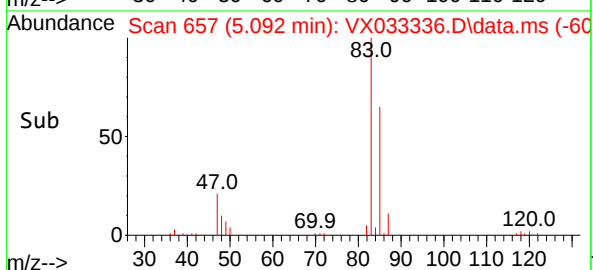
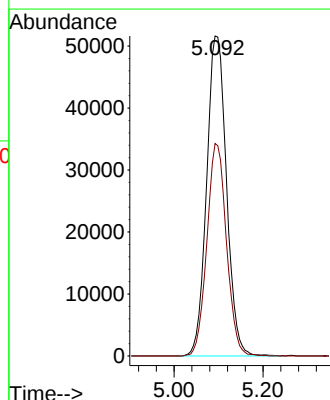
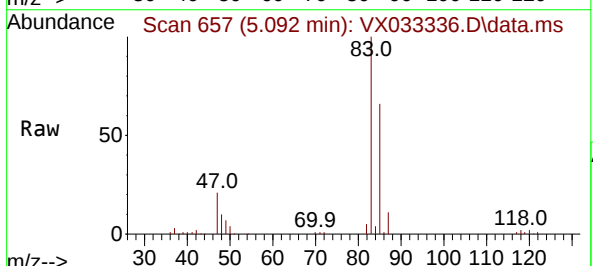
Delta R.T. -0.006 min

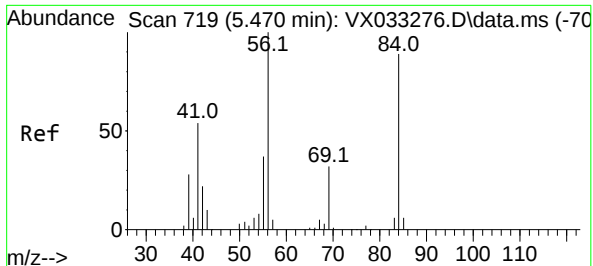
Lab File: VX033336.D

Acq: 08 Dec 2022 20:08

Tgt Ion: 83 Resp: 160388

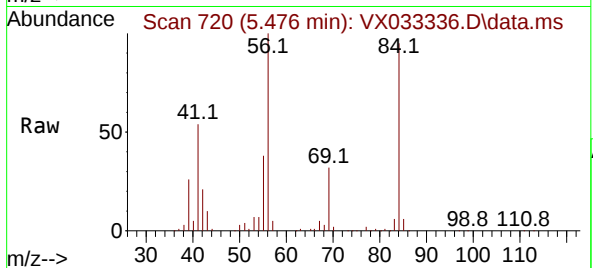
Ion	Ratio	Lower	Upper
83	100		
85	66.4	51.1	76.7





#31
Cyclohexane
Concen: 48.140 ug/l
RT: 5.476 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX033336.D
Acq: 08 Dec 2022 20:08

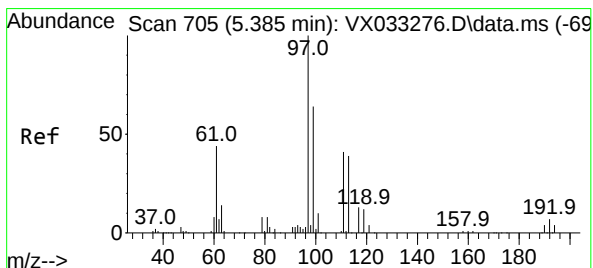
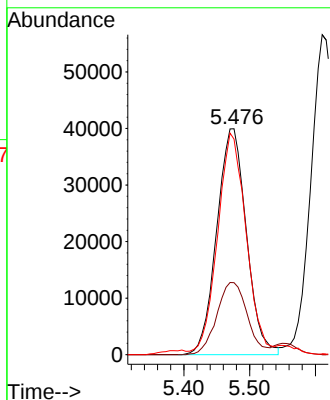
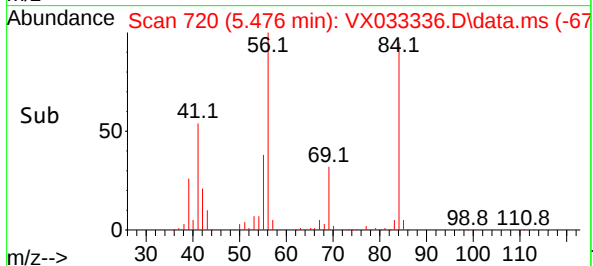
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 12534
Ion Ratio Lower Upper
56 100
69 31.8 24.1 36.1
84 93.6 66.9 100.3

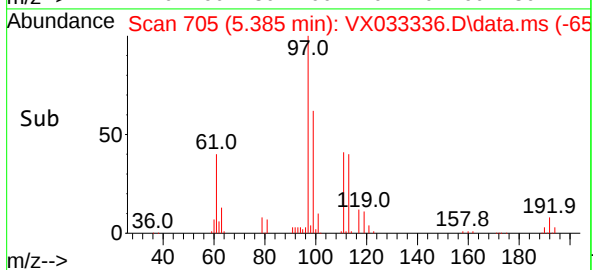
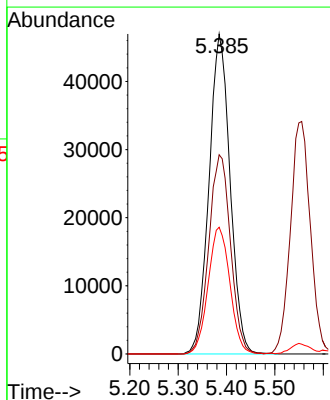
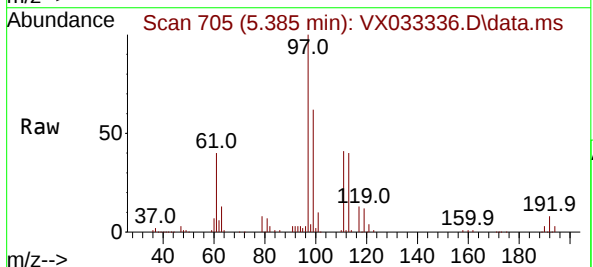
Manual Integrations
APPROVED

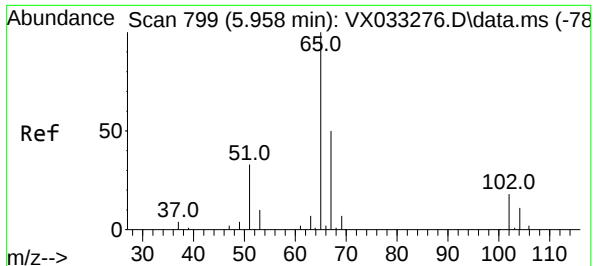
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#32
1,1,1-Trichloroethane
Concen: 47.746 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033336.D
Acq: 08 Dec 2022 20:08

Tgt Ion: 97 Resp: 141946
Ion Ratio Lower Upper
97 100
99 64.4 51.4 77.0
61 41.0 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 42.447 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033336.D

Acq: 08 Dec 2022 20:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 46504

Ion Ratio Lower Upper

65 100

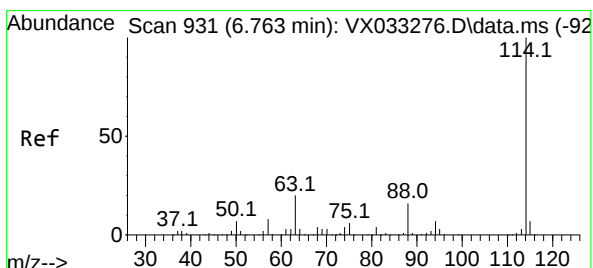
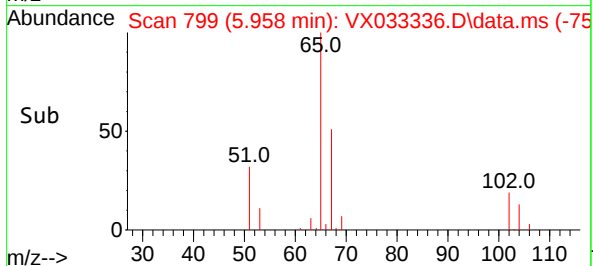
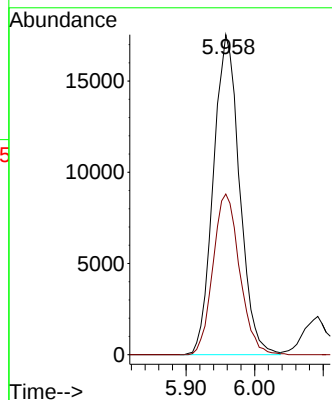
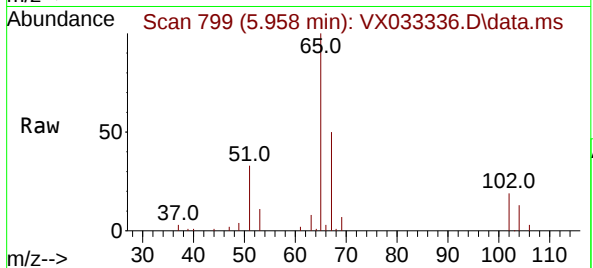
67 51.1 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/09/2022

Supervised By :Mahesh Dadoda 12/09/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX033336.D

Acq: 08 Dec 2022 20:08

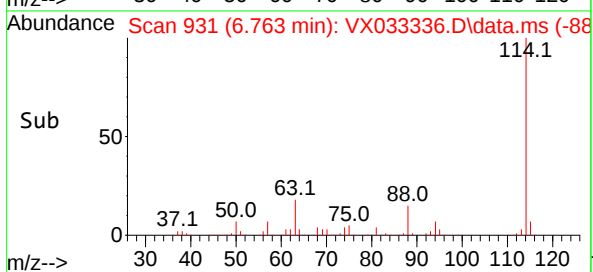
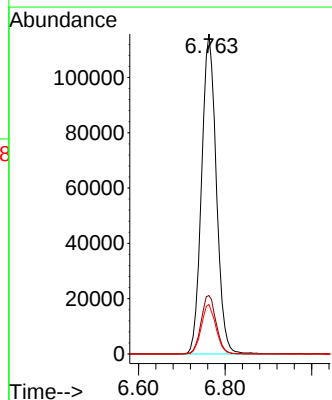
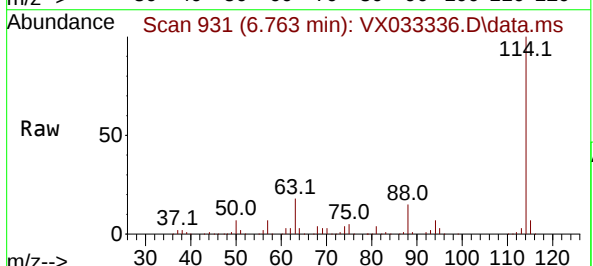
Tgt Ion:114 Resp: 272806

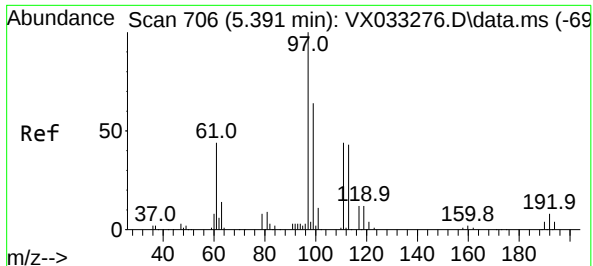
Ion Ratio Lower Upper

114 100

63 18.2 0.0 41.6

88 15.4 0.0 33.4





#35

Dibromofluoromethane

Concen: 44.592 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX033336.D

Acq: 08 Dec 2022 20:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

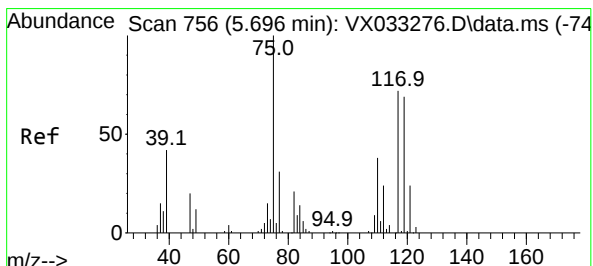
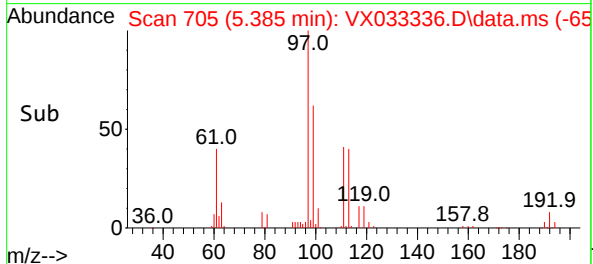
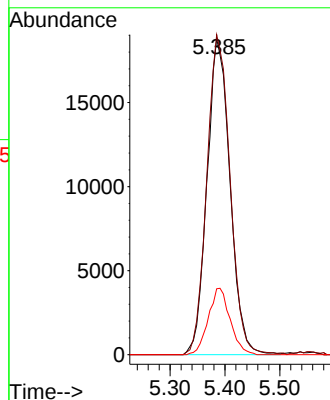
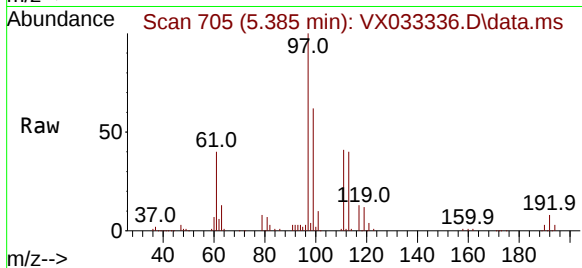
Tgt Ion:	113	Resp:	54710
Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.4	123.6
192	19.9	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/09/2022

Supervised By :Mahesh Dadoda 12/09/2022



#36

1,1-Dichloropropene

Concen: 47.844 ug/l

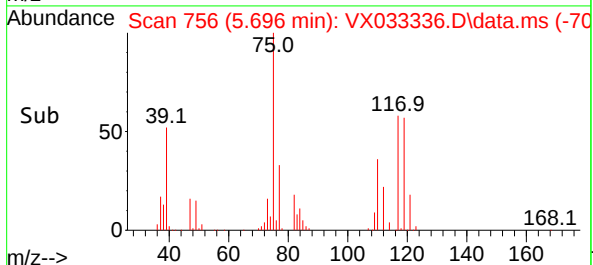
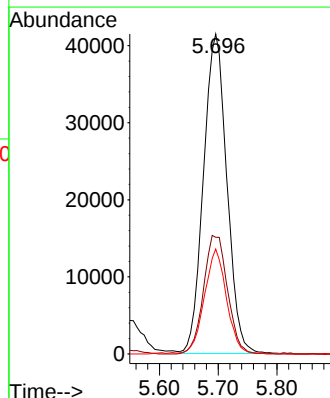
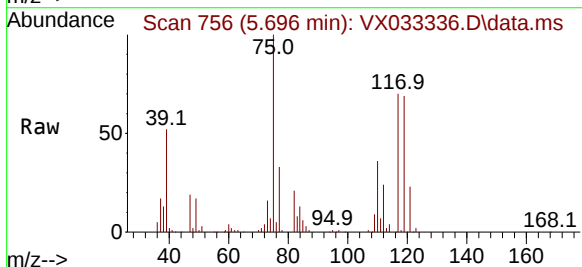
RT: 5.696 min Scan# 756

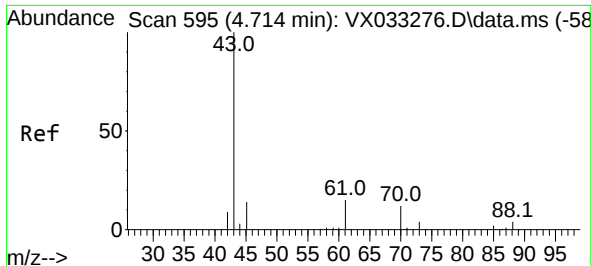
Delta R.T. 0.000 min

Lab File: VX033336.D

Acq: 08 Dec 2022 20:08

Tgt Ion:	75	Resp:	114456
Ion	Ratio	Lower	Upper
75	100		
110	38.1	18.4	55.2
77	31.1	24.5	36.7





#37

Ethyl Acetate

Concen: 44.146 ug/l

RT: 4.714 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX033336.D

Acq: 08 Dec 2022 20:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

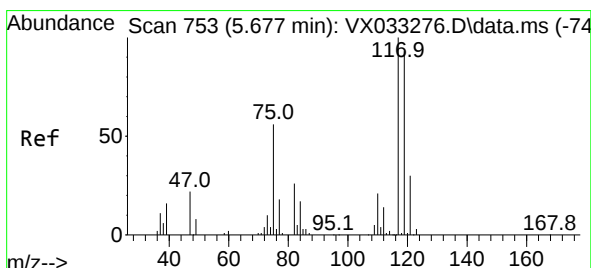
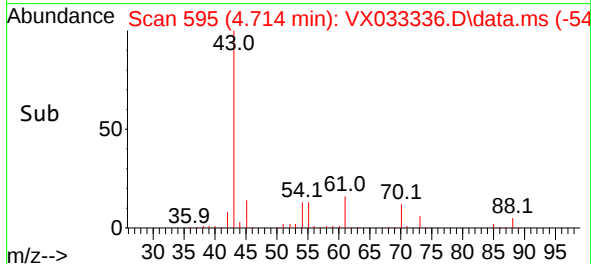
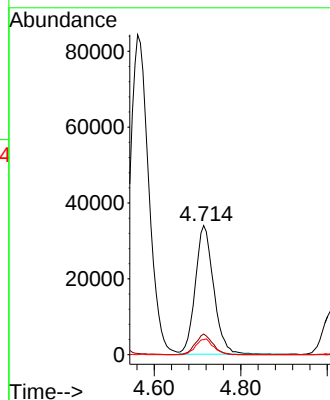
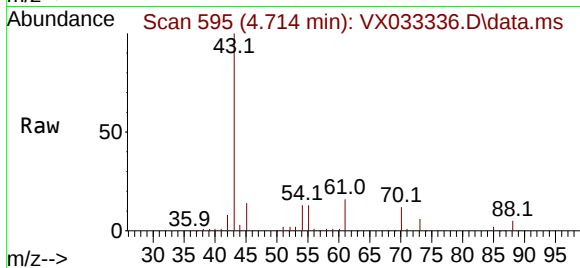
Tgt Ion:	43	Resp:	9983
Ion	Ratio	Lower	Upper
43	100		
61	15.3	11.5	17.3
70	11.8	9.1	13.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/09/2022

Supervised By :Mahesh Dadoda 12/09/2022



#38

Carbon Tetrachloride

Concen: 46.007 ug/l

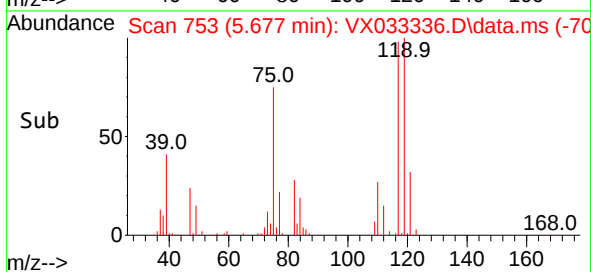
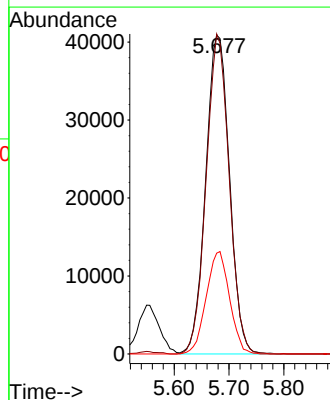
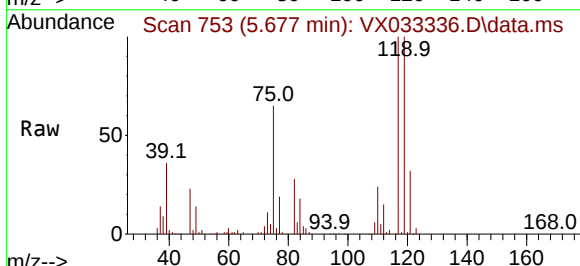
RT: 5.677 min Scan# 753

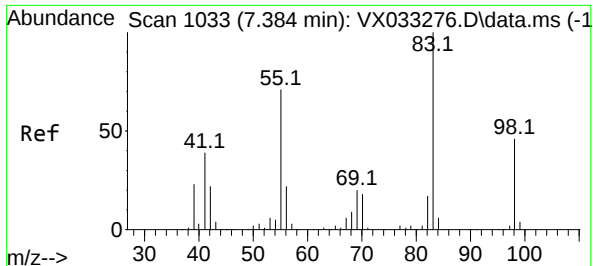
Delta R.T. 0.000 min

Lab File: VX033336.D

Acq: 08 Dec 2022 20:08

Tgt Ion:	117	Resp:	123314
Ion	Ratio	Lower	Upper
117	100		
119	100.3	77.2	115.8
121	31.6	25.8	38.6





#39

Methylcyclohexane

Concen: 49.090 ug/l

RT: 7.378 min Scan# 1033

Delta R.T. -0.006 min

Lab File: VX033336.D

Acq: 08 Dec 2022 20:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 131448

Ion Ratio Lower Upper

83 100

55 72.9 58.4 87.6

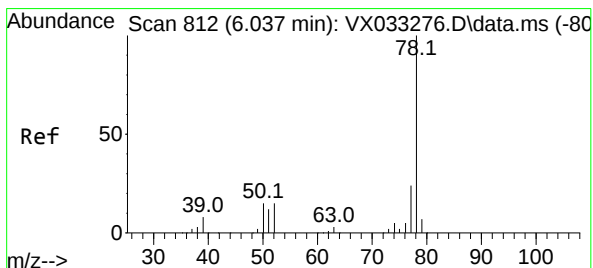
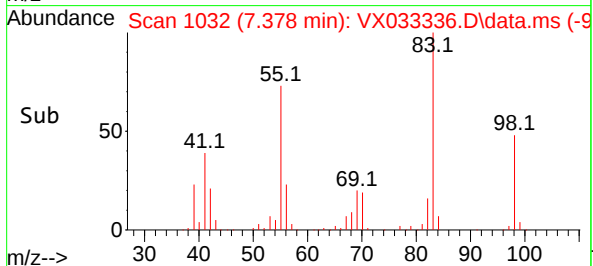
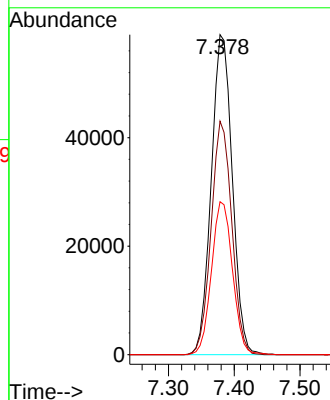
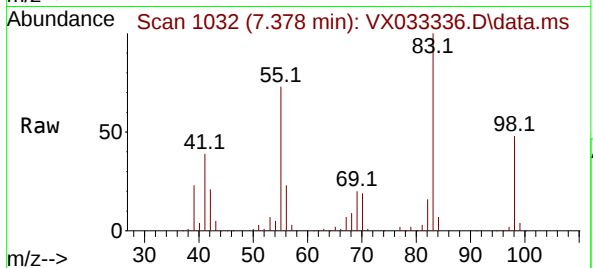
98 47.8 37.2 55.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/09/2022

Supervised By :Mahesh Dadoda 12/09/2022



#40

Benzene

Concen: 47.913 ug/l

RT: 6.043 min Scan# 813

Delta R.T. 0.006 min

Lab File: VX033336.D

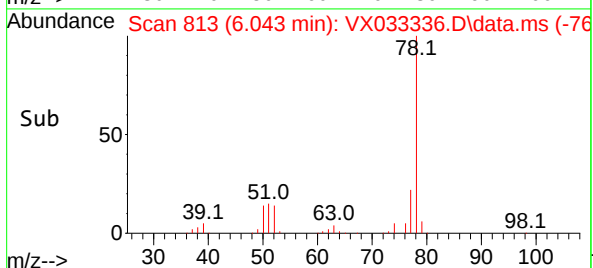
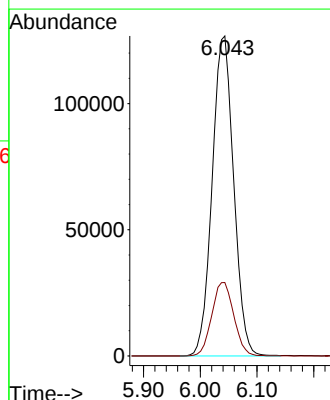
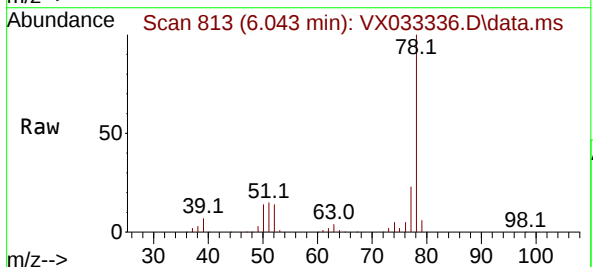
Acq: 08 Dec 2022 20:08

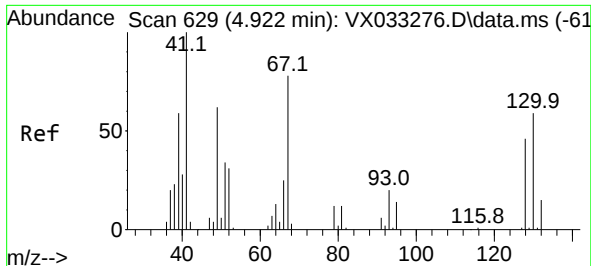
Tgt Ion: 78 Resp: 334202

Ion Ratio Lower Upper

78 100

77 23.0 19.0 28.4





#41
Methacrylonitrile
Concen: 46.275 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX033336.D
Acq: 08 Dec 2022 20:08

Instrument :

MSVOA_X

ClientSampleId :

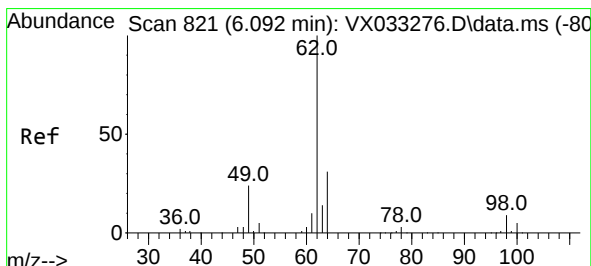
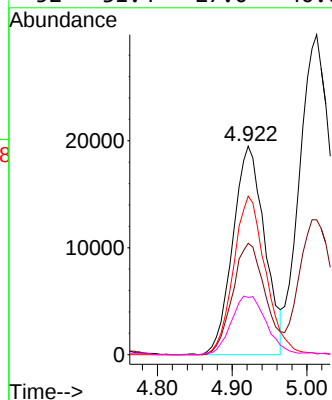
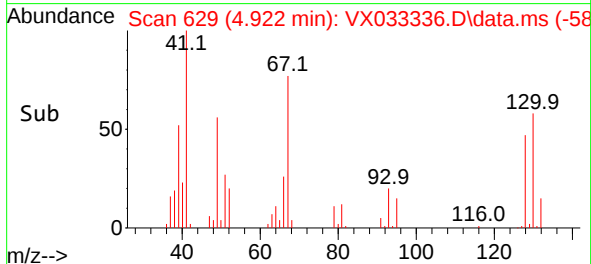
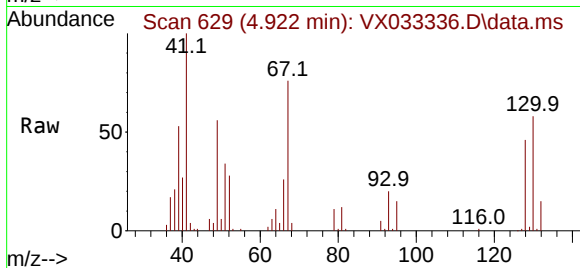
VSTDCCC050EC

Tgt Ion: 41 Resp: 5766
Ion Ratio Lower Upper
41 100
39 55.6 47.5 71.3
67 76.9 60.5 90.7
52 31.4 27.0 40.6

Manual Integrations

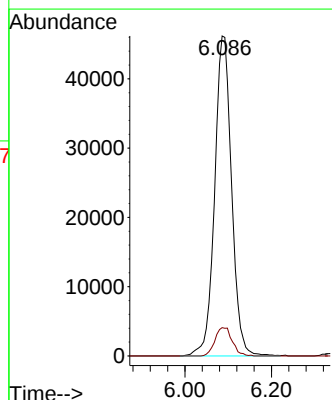
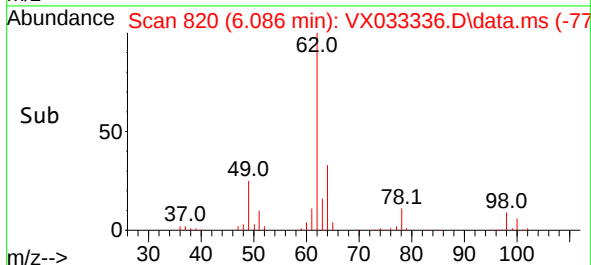
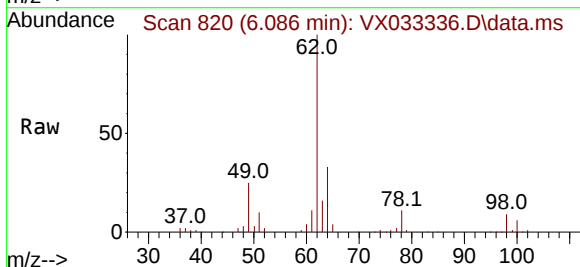
APPROVED

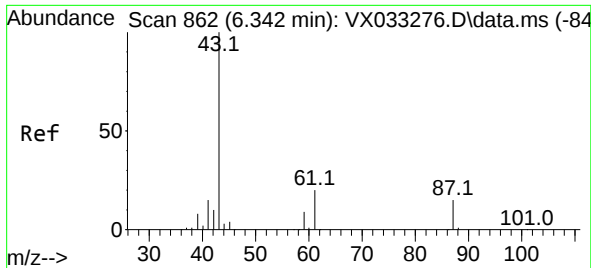
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#42
1,2-Dichloroethane
Concen: 45.311 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX033336.D
Acq: 08 Dec 2022 20:08

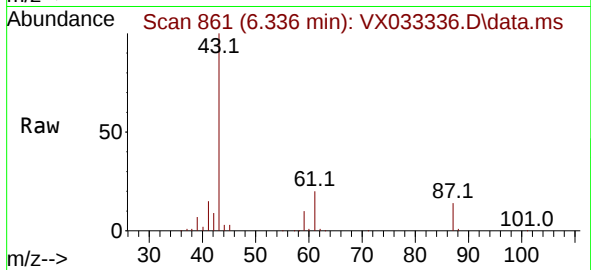
Tgt Ion: 62 Resp: 125503
Ion Ratio Lower Upper
62 100
98 9.0 0.0 16.0





#43
Isopropyl Acetate
Concen: 45.621 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX033336.D
Acq: 08 Dec 2022 20:08

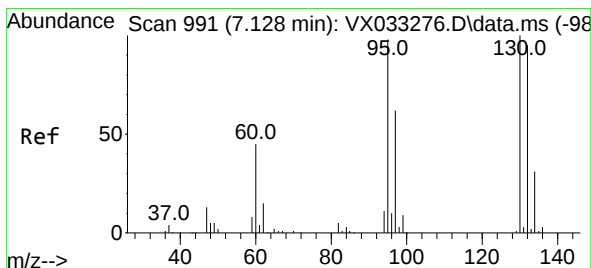
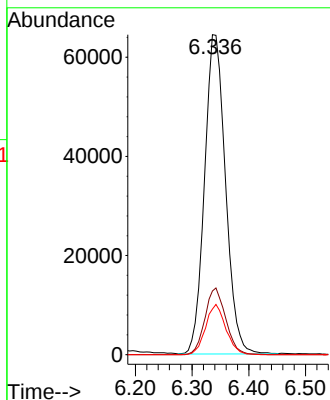
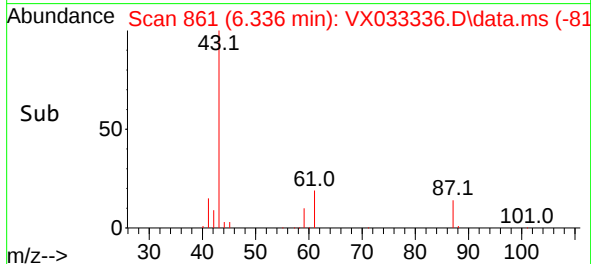
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 16599
Ion Ratio Lower Upper
43 100
61 20.6 15.4 23.0
87 15.1 10.8 16.2

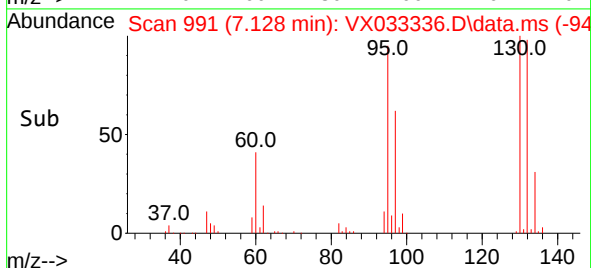
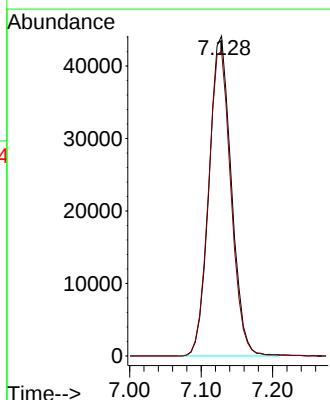
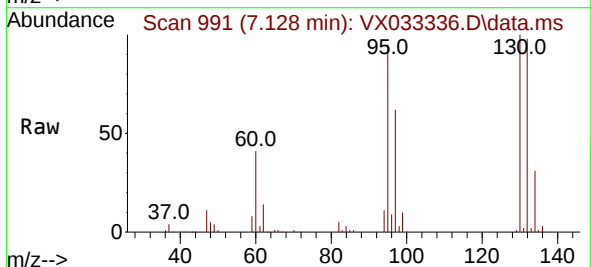
Manual Integrations
APPROVED

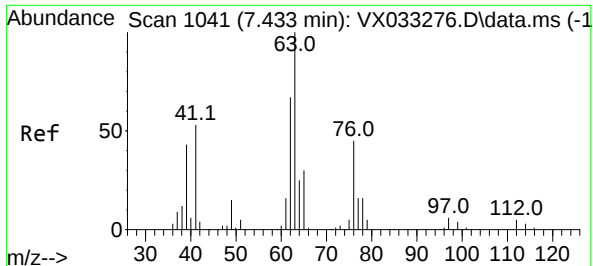
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#44
Trichloroethene
Concen: 49.592 ug/l
RT: 7.128 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX033336.D
Acq: 08 Dec 2022 20:08

Tgt Ion:130 Resp: 95371
Ion Ratio Lower Upper
130 100
95 95.2 0.0 195.2





#45

1,2-Dichloropropane

Concen: 46.678 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX033336.D

Acq: 08 Dec 2022 20:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 83260

Ion Ratio Lower Upper

63 100

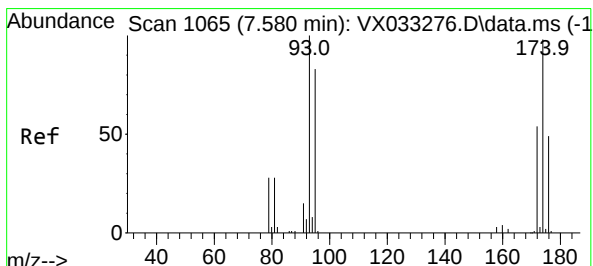
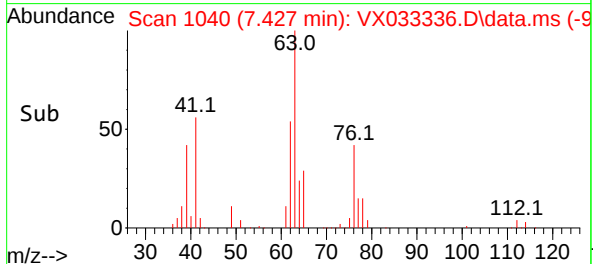
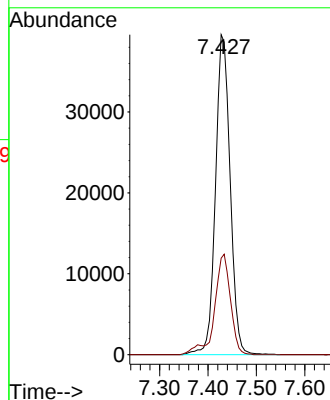
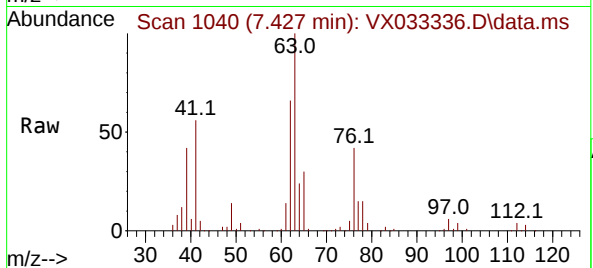
65 30.1 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/09/2022

Supervised By :Mahesh Dadoda 12/09/2022



#46

Dibromomethane

Concen: 45.241 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX033336.D

Acq: 08 Dec 2022 20:08

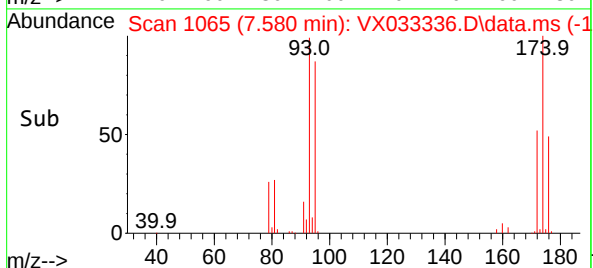
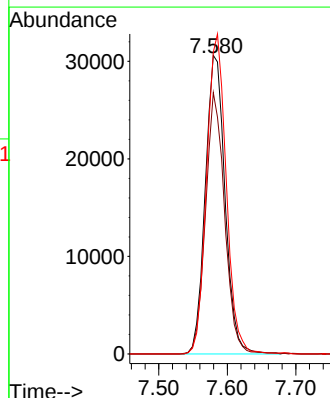
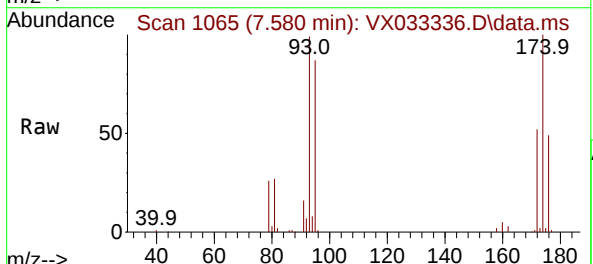
Tgt Ion: 93 Resp: 61478

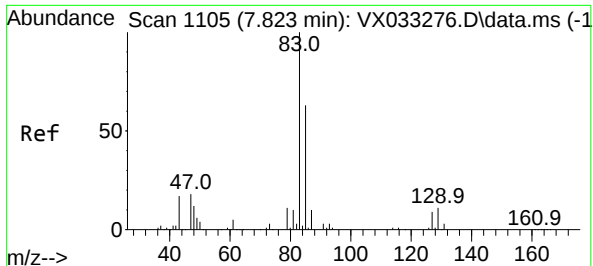
Ion Ratio Lower Upper

93 100

95 84.5 65.8 98.8

174 106.3 79.8 119.6





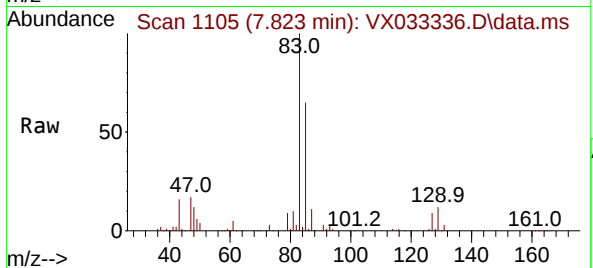
#47
Bromodichloromethane
Concen: 45.837 ug/l
RT: 7.823 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX033336.D
Acq: 08 Dec 2022 20:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



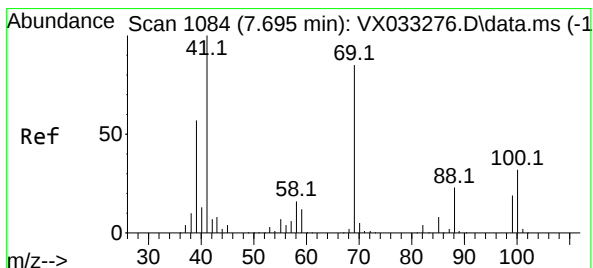
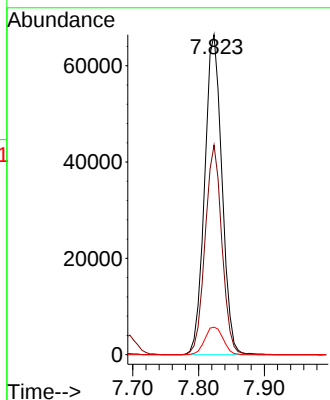
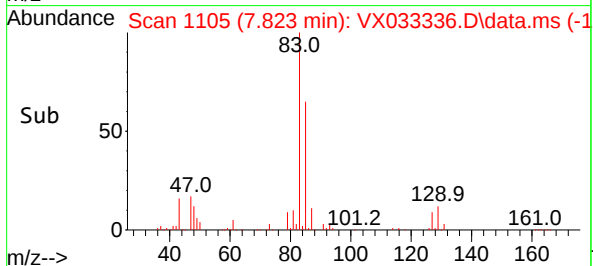
Tgt Ion: 83 Resp: 121418
Ion Ratio Lower Upper
83 100
85 65.5 52.2 78.4
127 8.6 7.4 11.2

Manual Integrations

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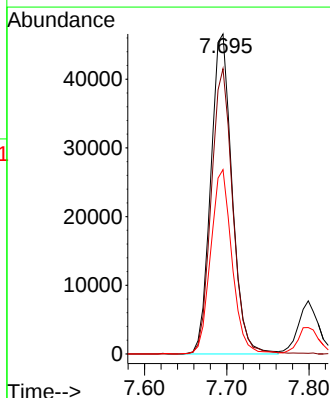
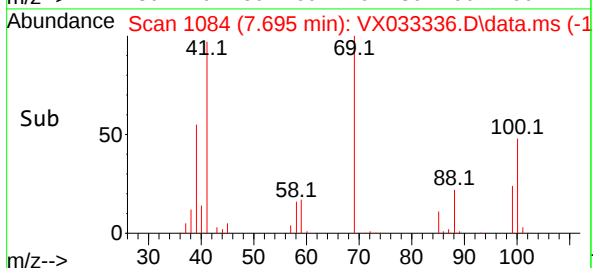
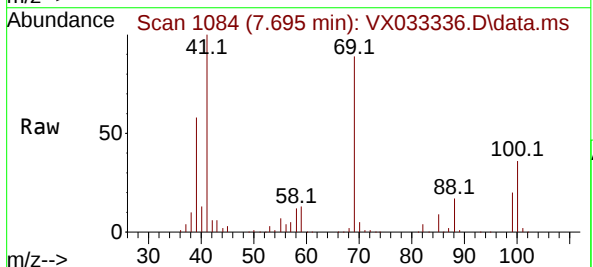
Reviewed By :John Carlone 12/09/2022

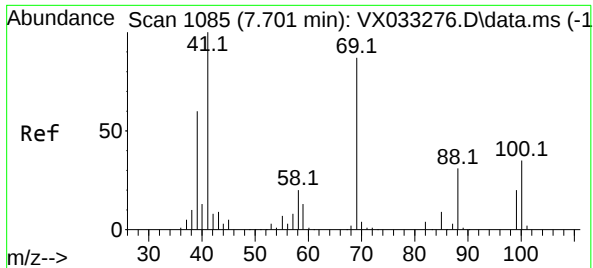
Supervised By :Mahesh Dadoda 12/09/2022



#48
Methyl methacrylate
Concen: 44.857 ug/l
RT: 7.695 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX033336.D
Acq: 08 Dec 2022 20:08

Tgt Ion: 41 Resp: 84236
Ion Ratio Lower Upper
41 100
69 89.6 65.1 97.7
39 57.5 51.9 77.9





#49

1,4-Dioxane

Concen: 901.477 ug/l

RT: 7.714 min Scan# 1085

Delta R.T. 0.012 min

Lab File: VX033336.D

Acq: 08 Dec 2022 20:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 3860

Ion Ratio Lower Upper

88 100

43 27.1 26.6 39.8

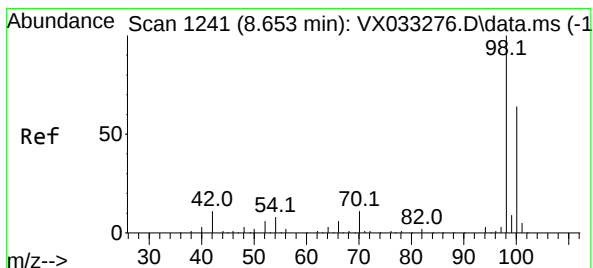
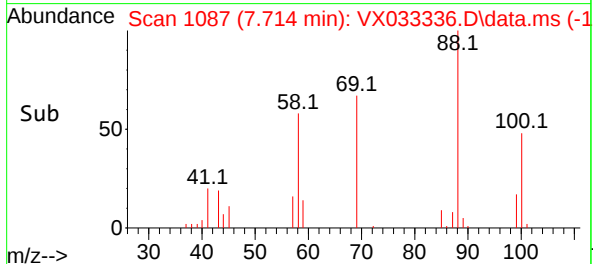
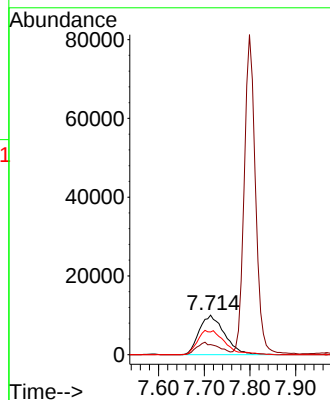
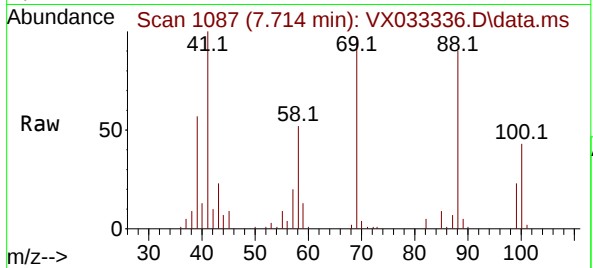
58 65.4 51.7 77.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/09/2022

Supervised By :Mahesh Dadoda 12/09/2022



#50

Toluene-d8

Concen: 46.383 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX033336.D

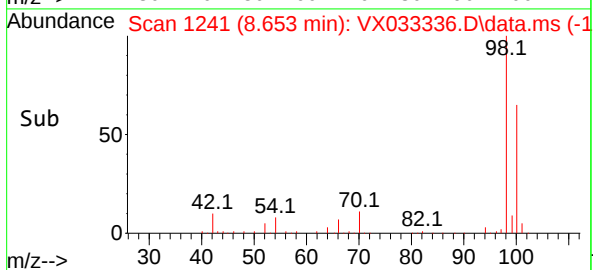
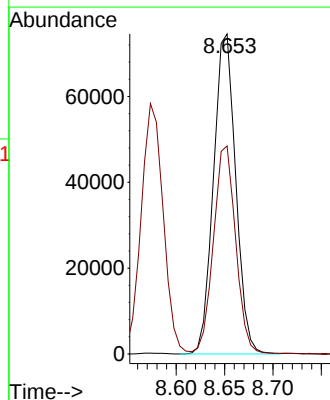
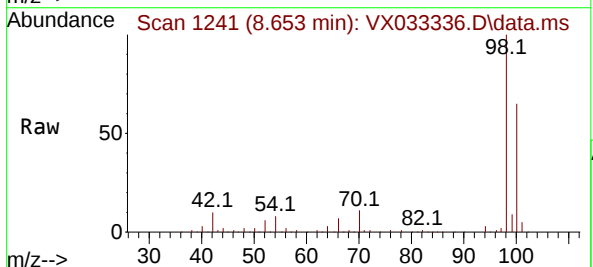
Acq: 08 Dec 2022 20:08

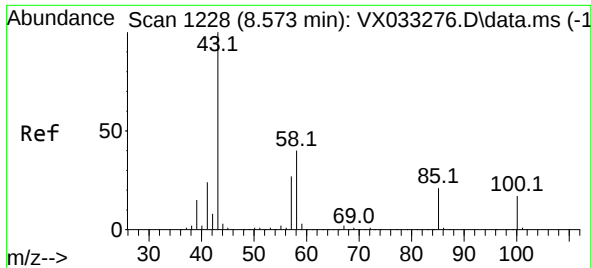
Tgt Ion: 98 Resp: 119059

Ion Ratio Lower Upper

98 100

100 65.1 50.9 76.3





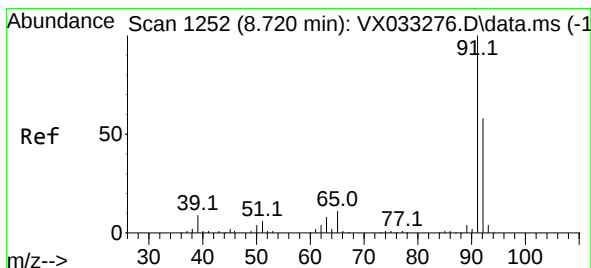
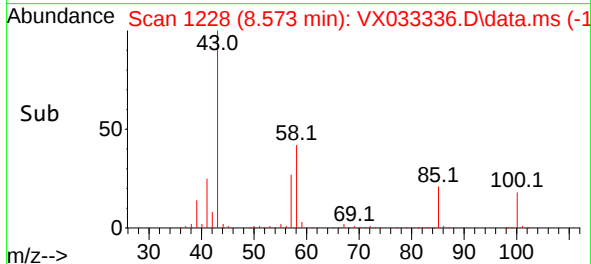
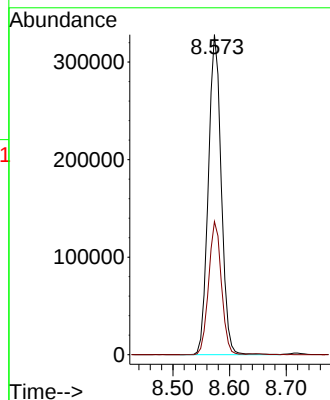
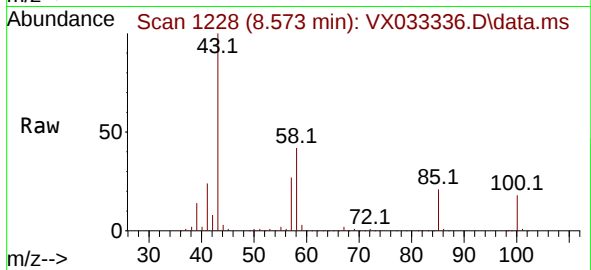
#51
4-Methyl-2-Pentanone
Concen: 225.289 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX033336.D
Acq: 08 Dec 2022 20:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 518389
Ion Ratio Lower Upper
43 100
58 41.2 30.9 46.3

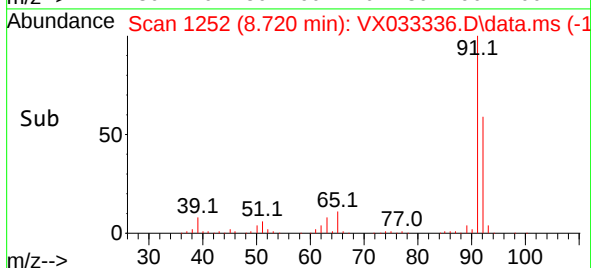
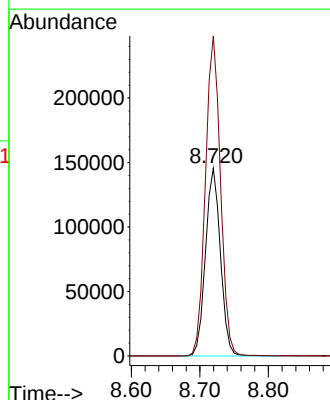
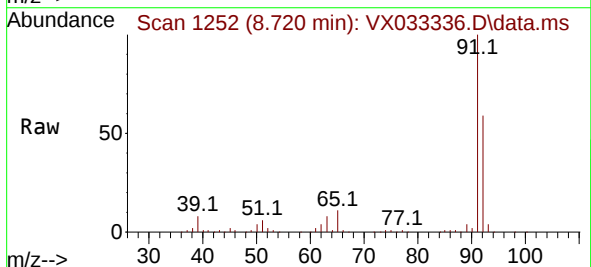
Manual Integrations
APPROVED

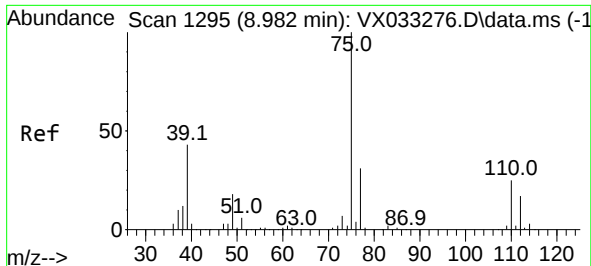
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#52
Toluene
Concen: 48.913 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX033336.D
Acq: 08 Dec 2022 20:08

Tgt Ion: 92 Resp: 220587
Ion Ratio Lower Upper
92 100
91 171.9 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 42.676 ug/l

RT: 8.982 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VX033336.D

Acq: 08 Dec 2022 20:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 120340

Ion Ratio Lower Upper

75 100

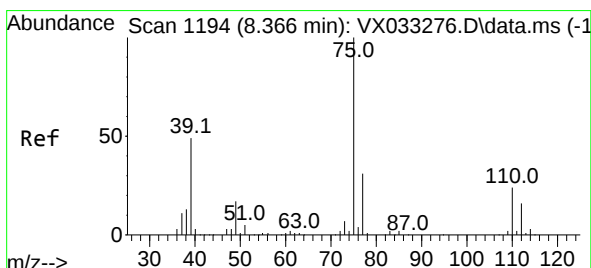
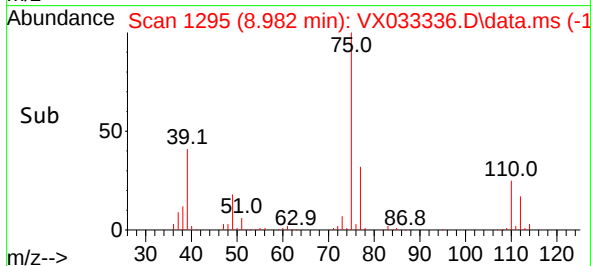
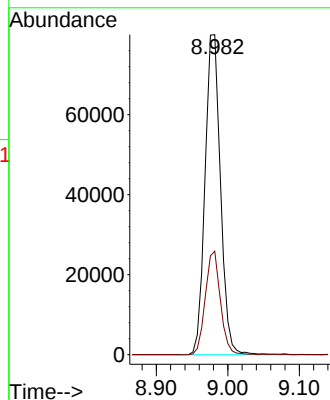
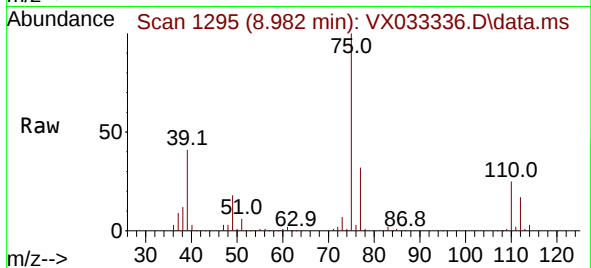
77 32.3 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/09/2022

Supervised By :Mahesh Dadoda 12/09/2022



#54

cis-1,3-Dichloropropene

Concen: 46.939 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX033336.D

Acq: 08 Dec 2022 20:08

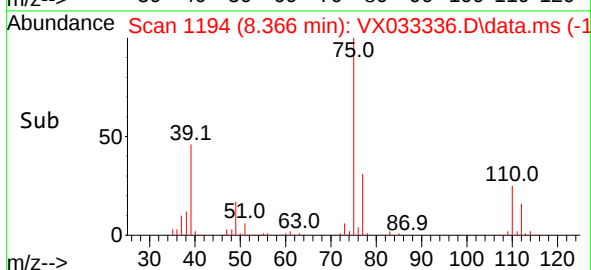
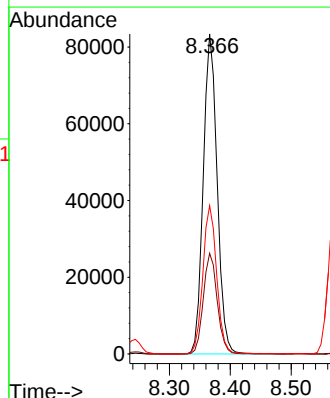
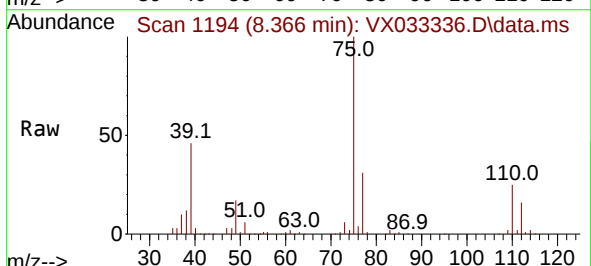
Tgt Ion: 75 Resp: 132310

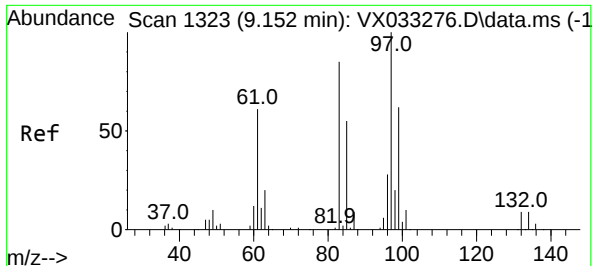
Ion Ratio Lower Upper

75 100

77 31.5 25.1 37.7

39 46.3 45.5 68.3





#55

1,1,2-Trichloroethane

Concen: 46.983 ug/l

RT: 9.152 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX033336.D

Acq: 08 Dec 2022 20:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

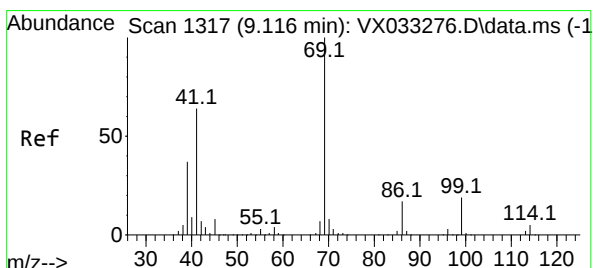
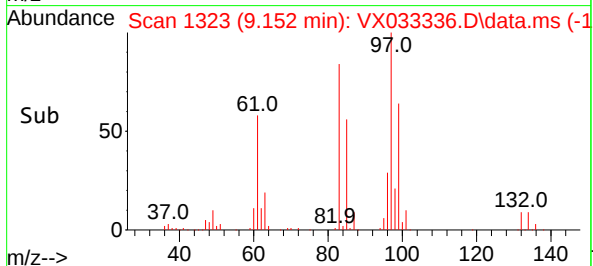
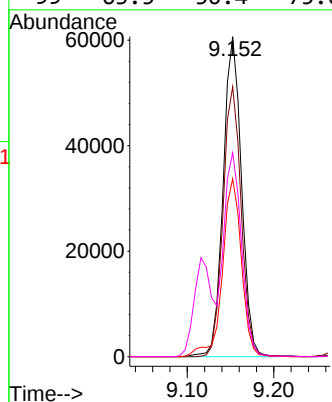
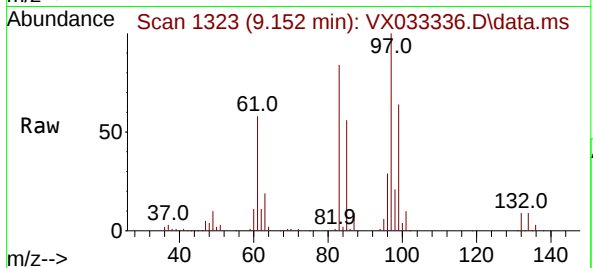
Tgt Ion: 97	Resp: 8906
Ion Ratio	Lower Upper
97 100	
83 84.4	68.1 102.1
85 55.6	43.3 64.9
99 63.5	50.4 75.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/09/2022

Supervised By :Mahesh Dadoda 12/09/2022



#56

Ethyl methacrylate

Concen: 47.837 ug/l

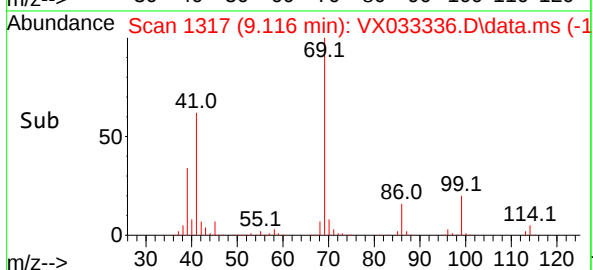
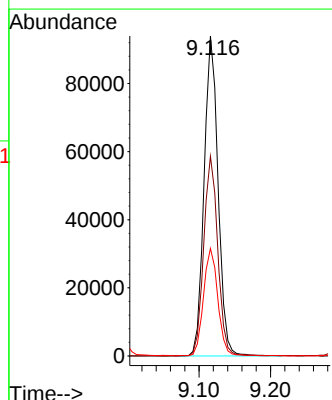
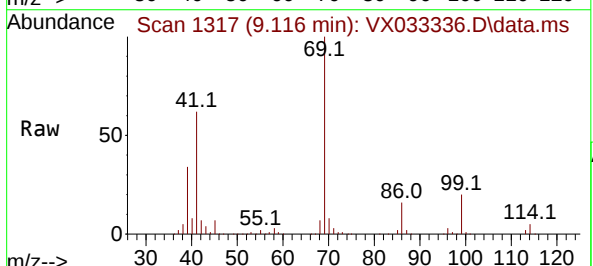
RT: 9.116 min Scan# 1317

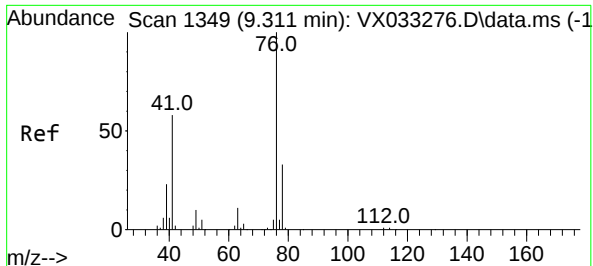
Delta R.T. 0.000 min

Lab File: VX033336.D

Acq: 08 Dec 2022 20:08

Tgt Ion: 69	Resp: 127683
Ion Ratio	Lower Upper
69 100	
41 62.9	54.3 81.5
39 34.1	35.2 52.8





#57

1,3-Dichloropropane

Concen: 47.057 ug/l

RT: 9.311 min Scan# 11349

Delta R.T. 0.000 min

Lab File: VX033336.D

Acq: 08 Dec 2022 20:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 14330

Ion Ratio Lower Upper

76 100

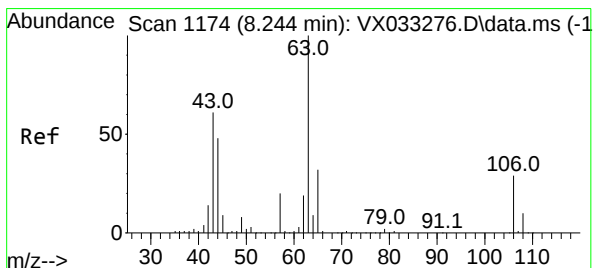
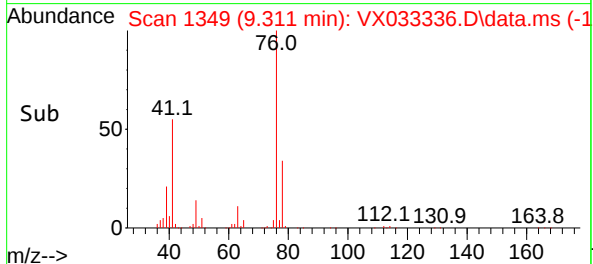
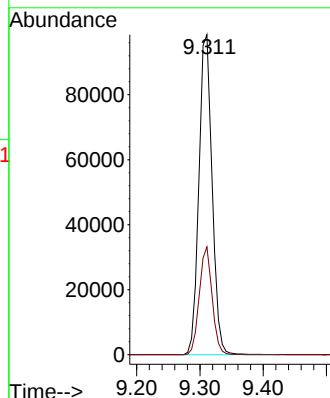
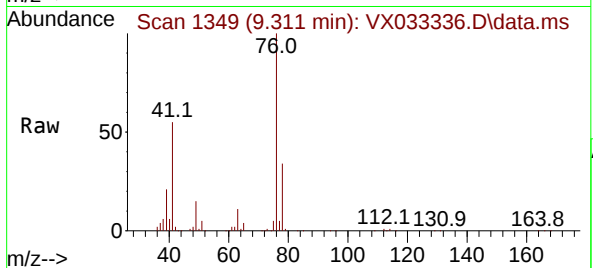
78 32.7 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/09/2022

Supervised By :Mahesh Dadoda 12/09/2022



#58

2-Chloroethyl Vinyl ether

Concen: 239.332 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX033336.D

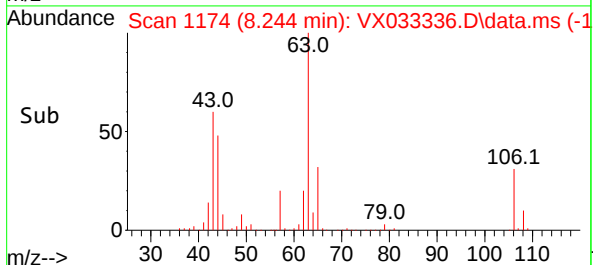
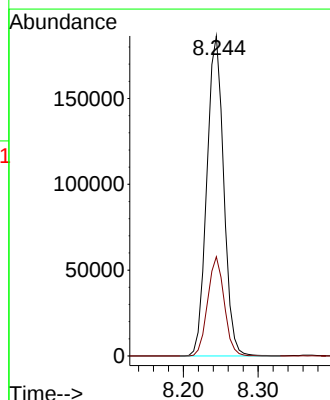
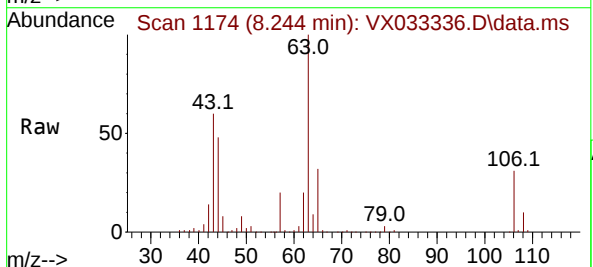
Acq: 08 Dec 2022 20:08

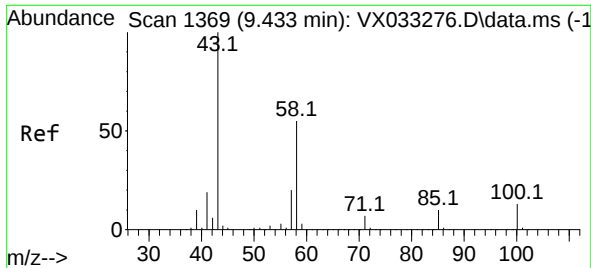
Tgt Ion: 63 Resp: 292293

Ion Ratio Lower Upper

63 100

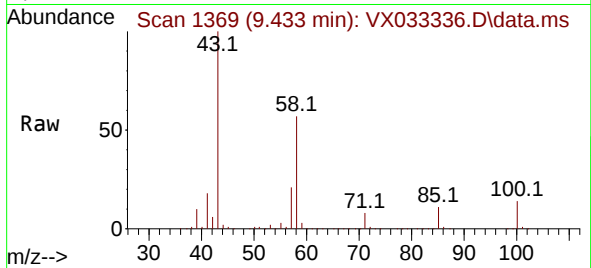
106 30.4 23.3 34.9





#59
2-Hexanone
Concen: 226.872 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX033336.D
Acq: 08 Dec 2022 20:08

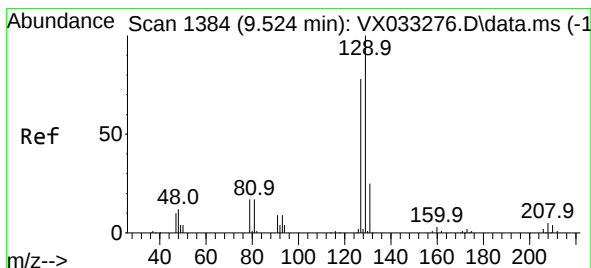
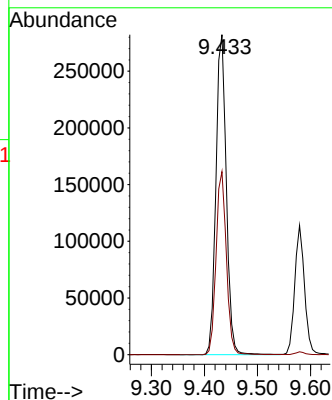
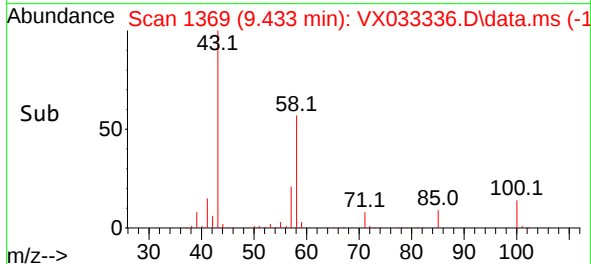
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



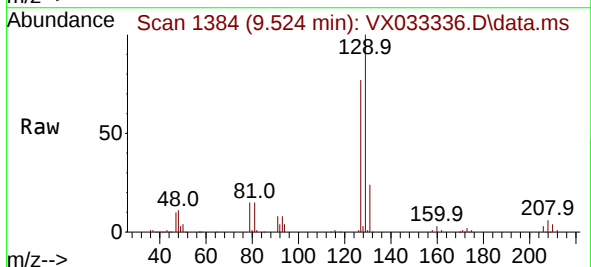
Tgt Ion: 43 Resp: 384702
Ion Ratio Lower Upper
43 100
58 56.8 26.5 79.5

Manual Integrations
APPROVED

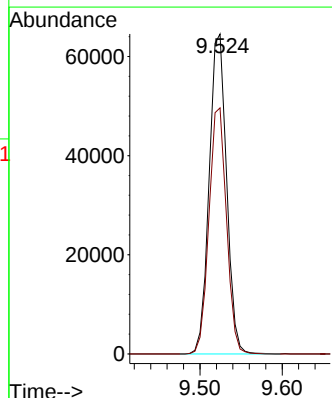
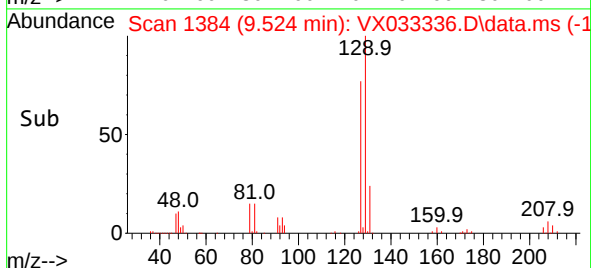
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022

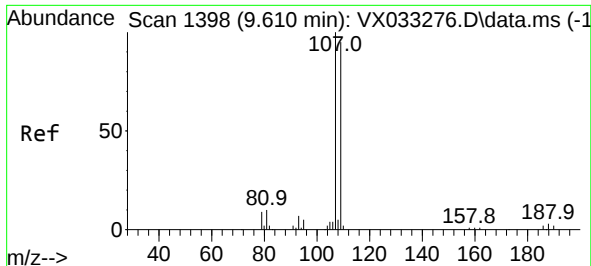


#60
Dibromochloromethane
Concen: 45.368 ug/l
RT: 9.524 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX033336.D
Acq: 08 Dec 2022 20:08



Tgt Ion:129 Resp: 94759
Ion Ratio Lower Upper
129 100
127 77.5 38.6 115.8





#61
1,2-Dibromoethane
Concen: 47.318 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX033336.D
Acq: 08 Dec 2022 20:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

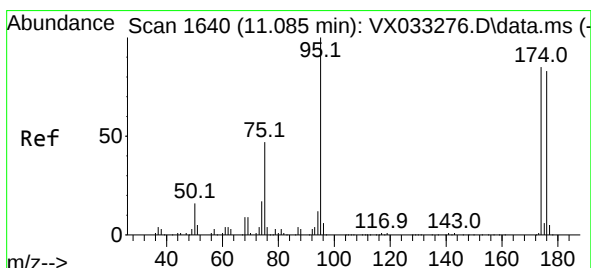
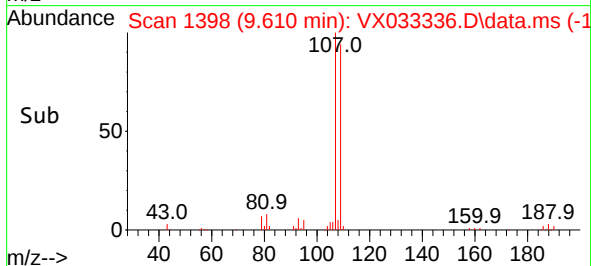
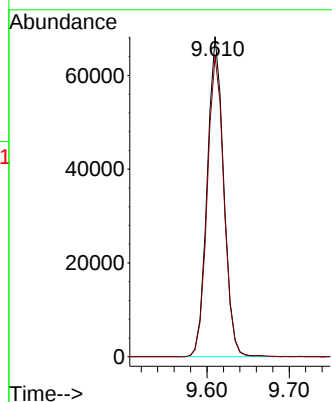
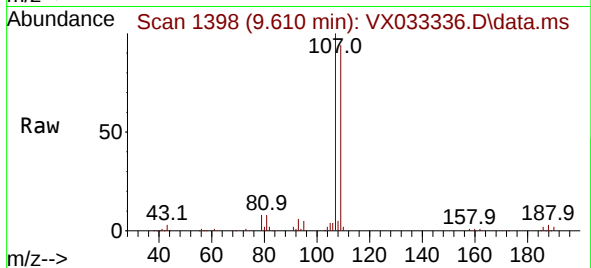
Tgt Ion:107 Resp: 95410
Ion Ratio Lower Upper
107 100
109 94.8 76.0 114.0

Manual Integrations

APPROVED

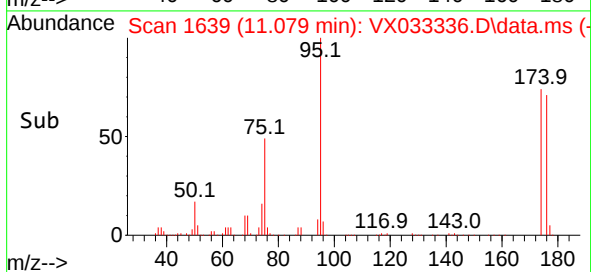
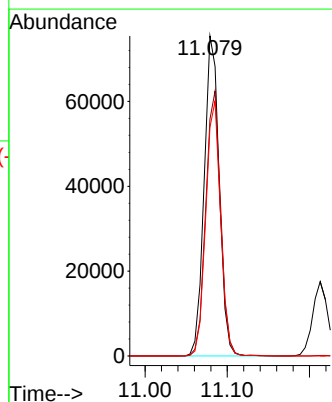
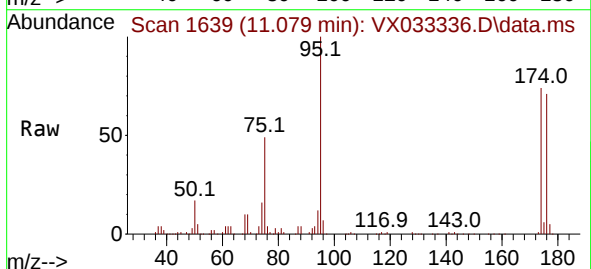
Reviewed By :John Carlone 12/09/2022

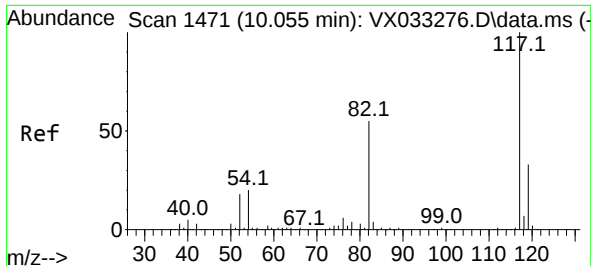
Supervised By :Mahesh Dadoda 12/09/2022



#62
4-Bromofluorobenzene
Concen: 48.797 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033336.D
Acq: 08 Dec 2022 20:08

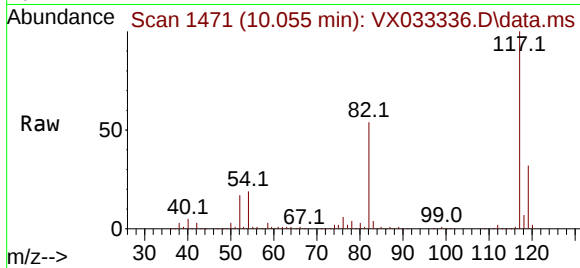
Tgt Ion: 95 Resp: 95773
Ion Ratio Lower Upper
95 100
174 82.5 0.0 164.0
176 78.8 0.0 154.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033336.D
Acq: 08 Dec 2022 20:08

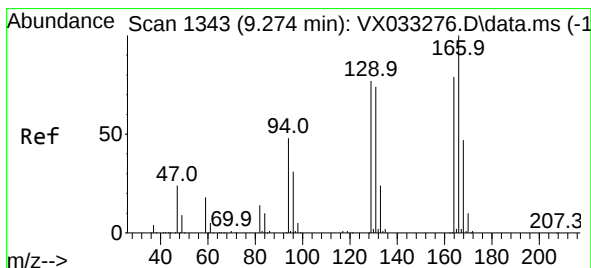
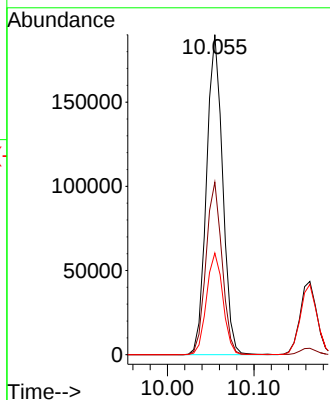
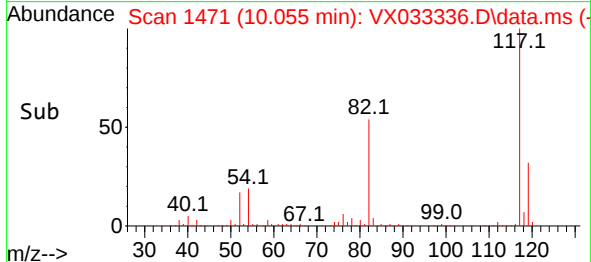
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 245554
Ion Ratio Lower Upper
117 100
82 53.9 44.3 66.5
119 31.7 25.7 38.5

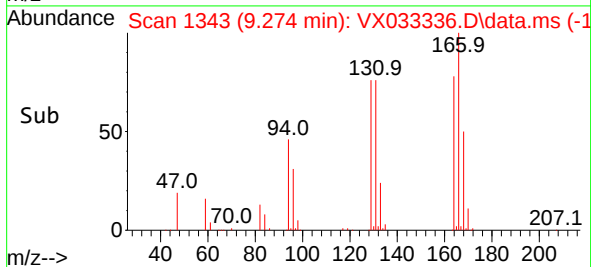
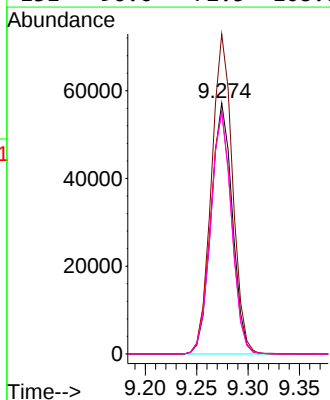
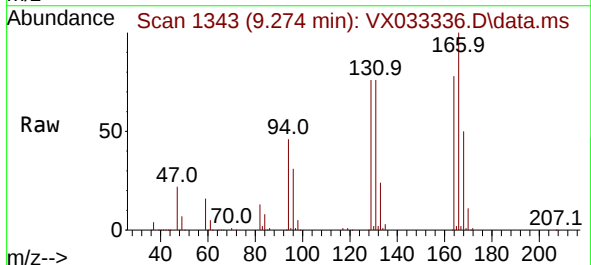
Manual Integrations
APPROVED

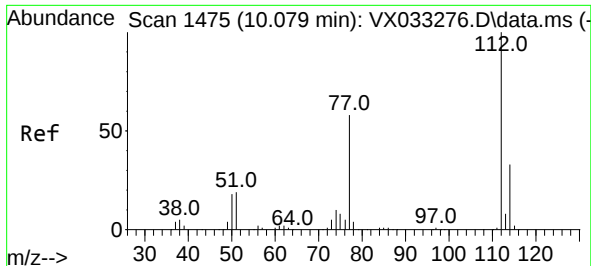
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#64
Tetrachloroethene
Concen: 48.699 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX033336.D
Acq: 08 Dec 2022 20:08

Tgt Ion:164 Resp: 81769
Ion Ratio Lower Upper
164 100
166 127.5 105.4 158.2
129 96.4 78.2 117.2
131 96.6 72.5 108.7





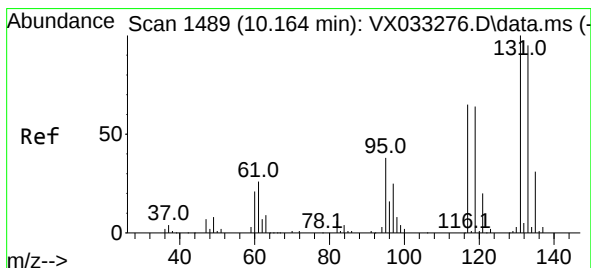
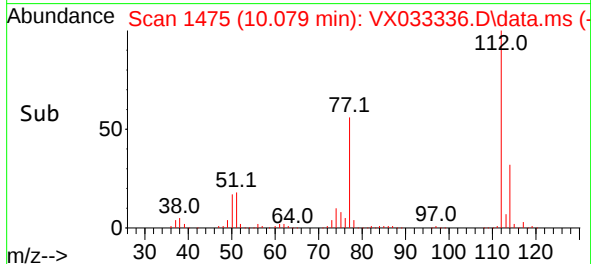
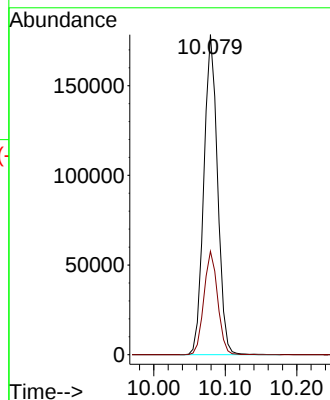
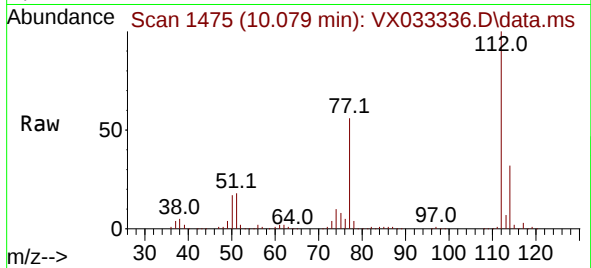
#65
Chlorobenzene
Concen: 47.826 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX033336.D
Acq: 08 Dec 2022 20:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 23781
Ion Ratio Lower Upper
112 100
114 32.3 25.4 38.2

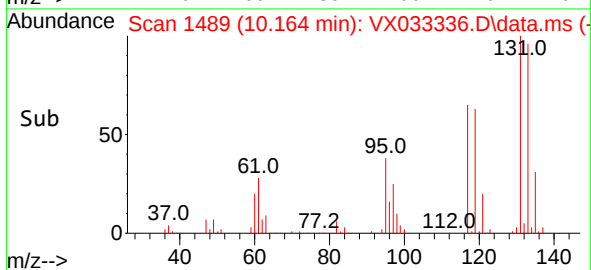
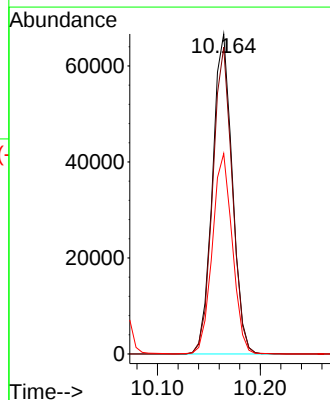
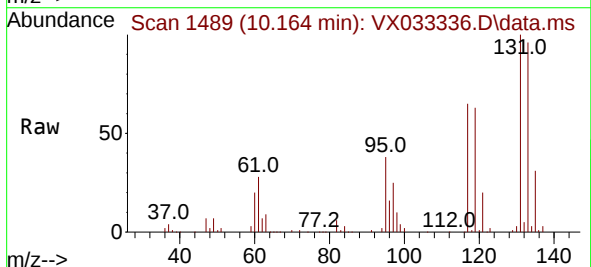
Manual Integrations
APPROVED

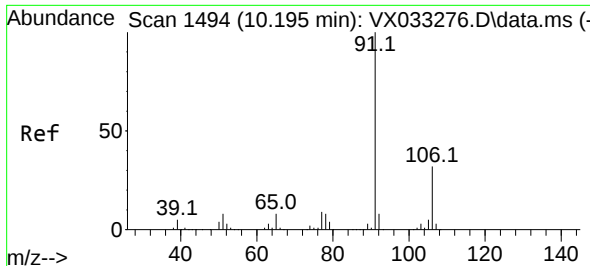
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 47.369 ug/l
RT: 10.164 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX033336.D
Acq: 08 Dec 2022 20:08

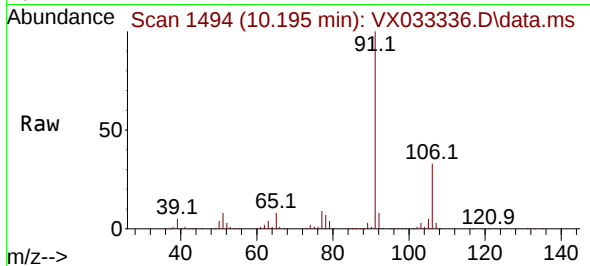
Tgt Ion:131 Resp: 89013
Ion Ratio Lower Upper
131 100
133 94.8 47.6 142.9
119 63.3 32.4 97.0





#67
Ethyl Benzene
Concen: 49.951 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033336.D
Acq: 08 Dec 2022 20:08

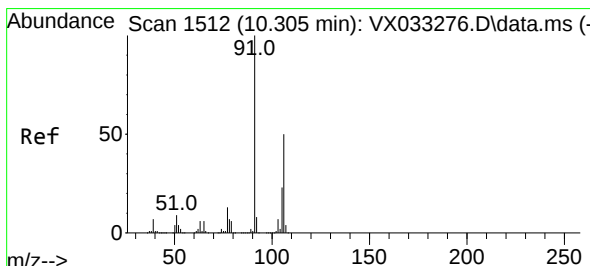
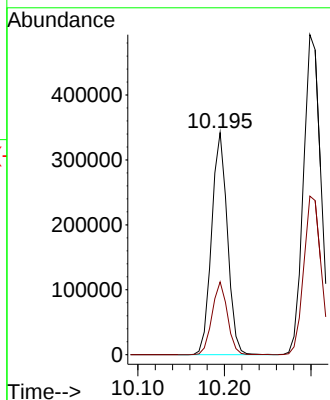
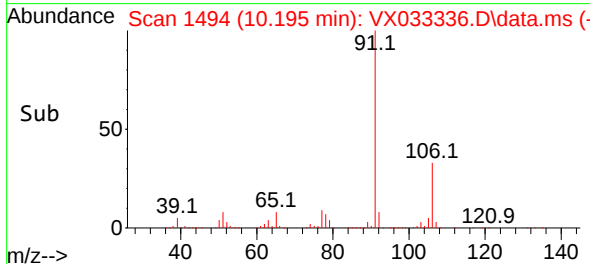
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 43272
Ion Ratio Lower Upper
91 100
106 32.8 25.0 37.6

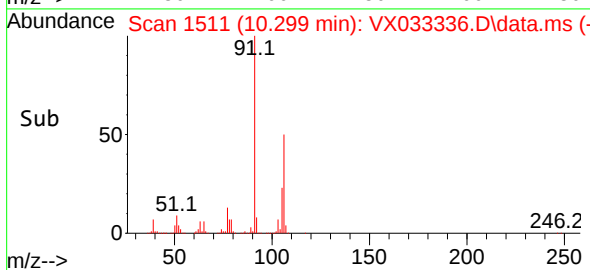
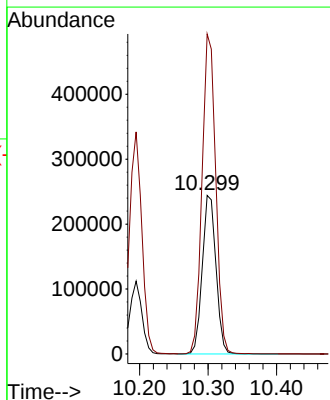
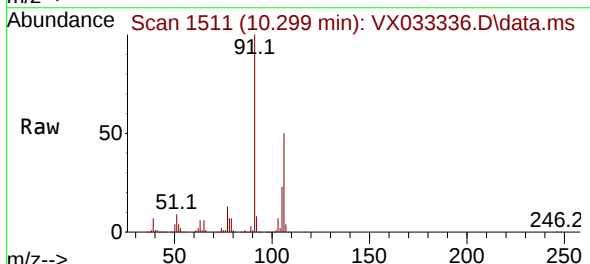
Manual Integrations
APPROVED

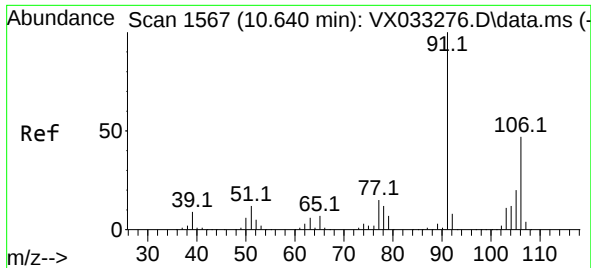
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#68
m/p-Xylenes
Concen: 100.701 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX033336.D
Acq: 08 Dec 2022 20:08

Tgt Ion:106 Resp: 339407
Ion Ratio Lower Upper
106 100
91 201.7 164.5 246.7





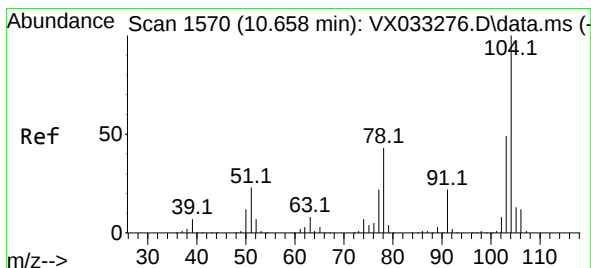
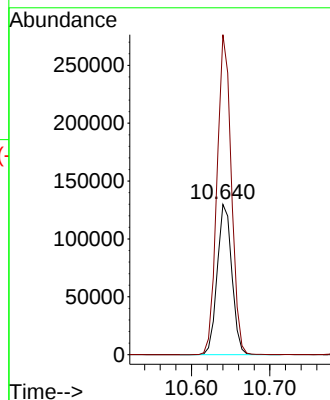
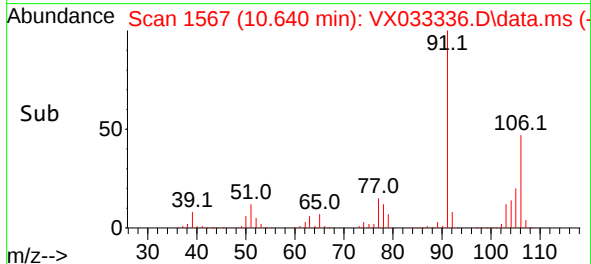
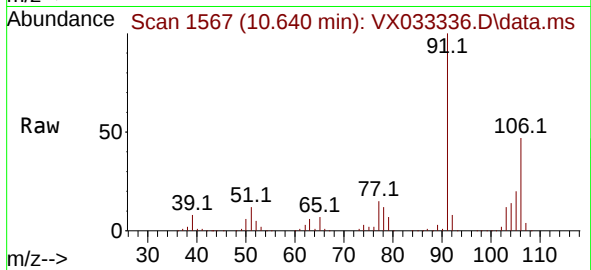
#69
o-Xylene
Concen: 50.631 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX033336.D
Acq: 08 Dec 2022 20:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 16867
Ion Ratio Lower Upper
106 100
91 208.7 109.2 327.6

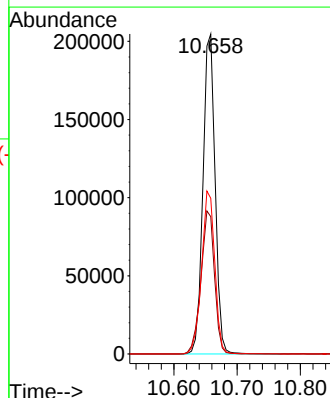
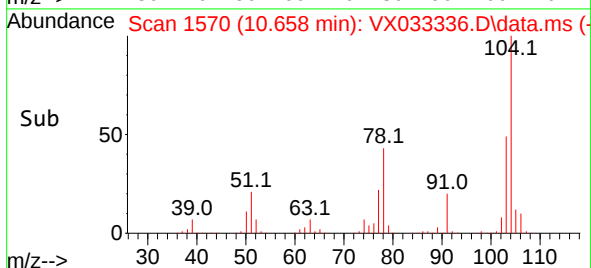
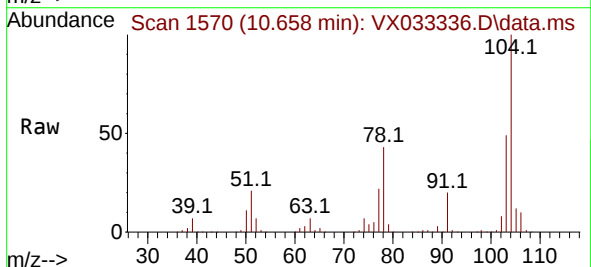
Manual Integrations
APPROVED

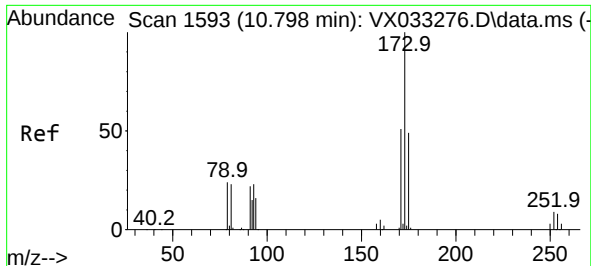
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#70
Styrene
Concen: 50.188 ug/l
RT: 10.658 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX033336.D
Acq: 08 Dec 2022 20:08

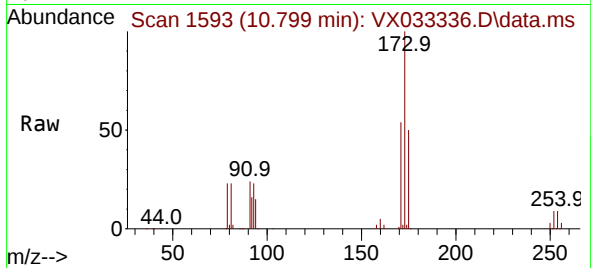
Tgt Ion:104 Resp: 273835
Ion Ratio Lower Upper
104 100
78 49.8 41.8 62.8
103 55.3 44.5 66.7





#71
Bromoform
Concen: 45.334 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX033336.D
Acq: 08 Dec 2022 20:08

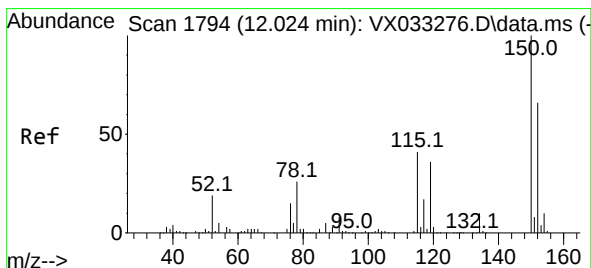
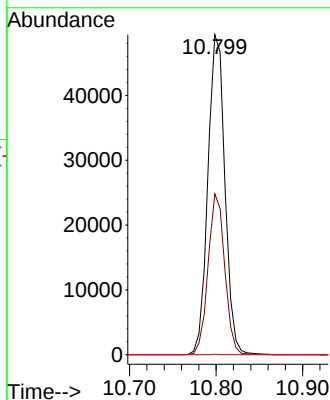
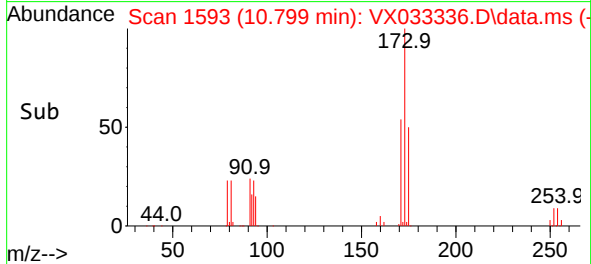
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 6743
Ion Ratio Lower Upper
173 100
175 49.2 23.9 71.8
254 0.0 0.0 0.0

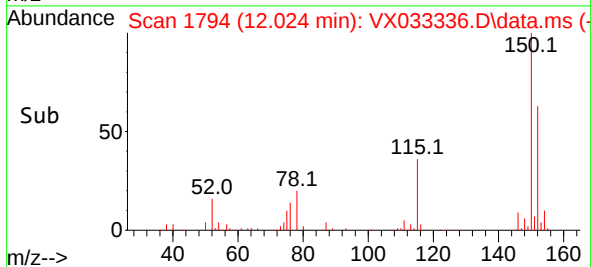
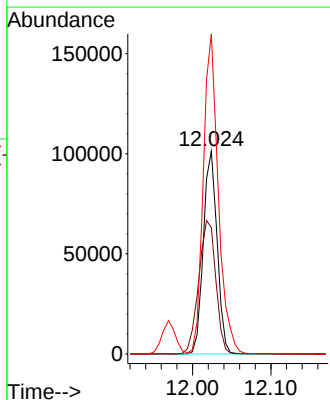
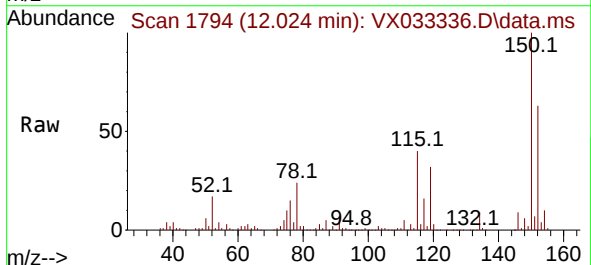
Manual Integrations
APPROVED

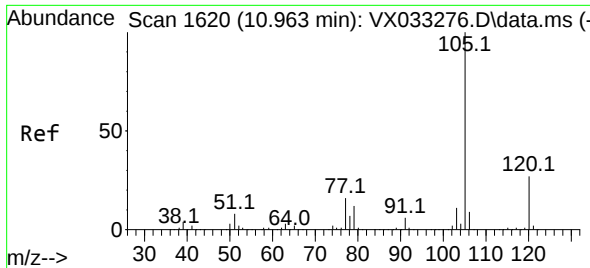
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033336.D
Acq: 08 Dec 2022 20:08

Tgt Ion:152 Resp: 123266
Ion Ratio Lower Upper
152 100
115 81.9 44.0 132.0
150 172.7 0.0 351.8





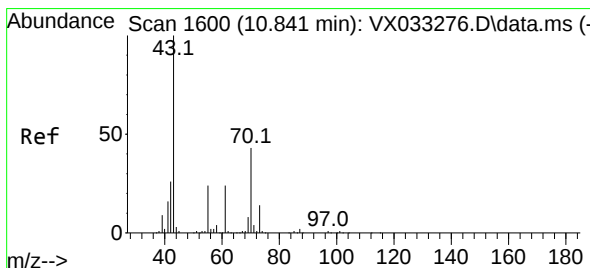
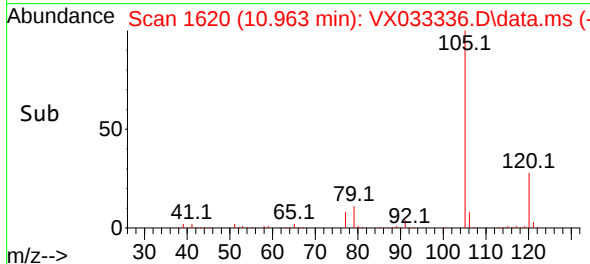
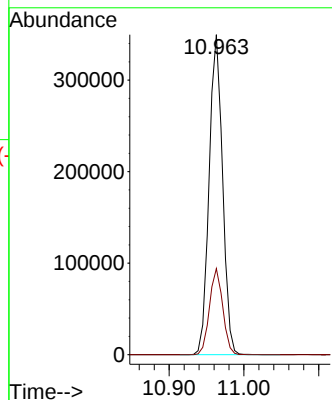
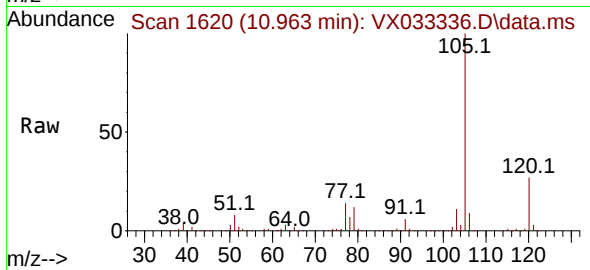
#73
Isopropylbenzene
Concen: 48.707 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX033336.D
Acq: 08 Dec 2022 20:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 435170
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.3

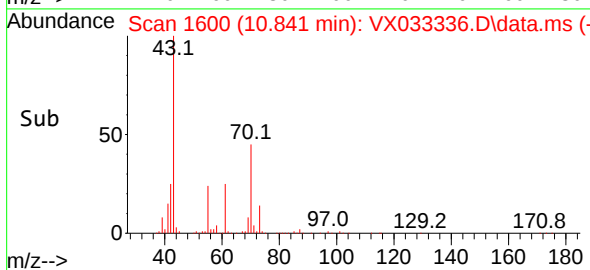
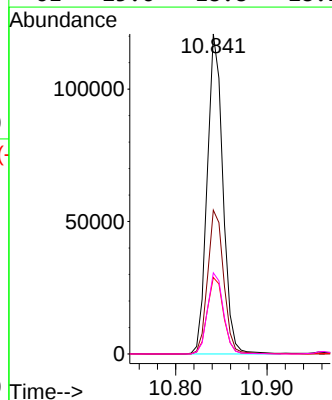
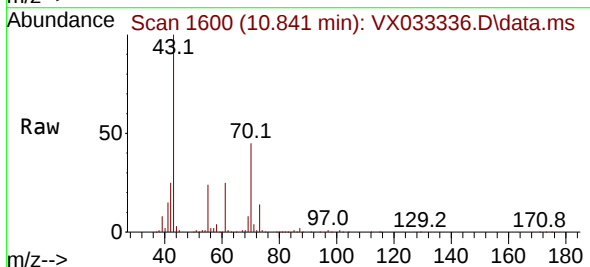
Manual Integrations
APPROVED

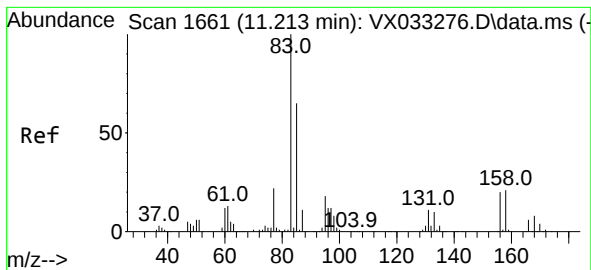
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#74
N-ethyl acetate
Concen: 47.148 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX033336.D
Acq: 08 Dec 2022 20:08

Tgt Ion: 43 Resp: 143721
Ion Ratio Lower Upper
43 100
70 46.0 33.6 50.4
55 25.0 19.4 29.2
61 25.6 18.8 28.2





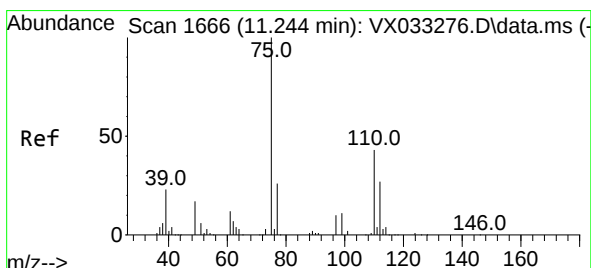
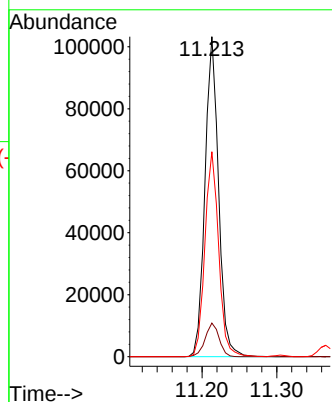
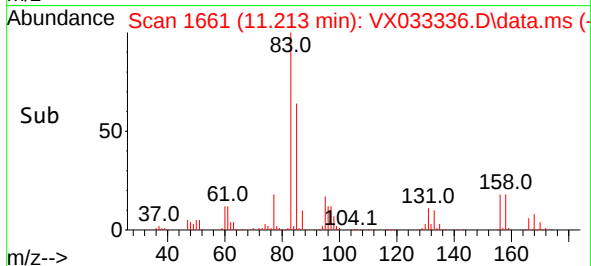
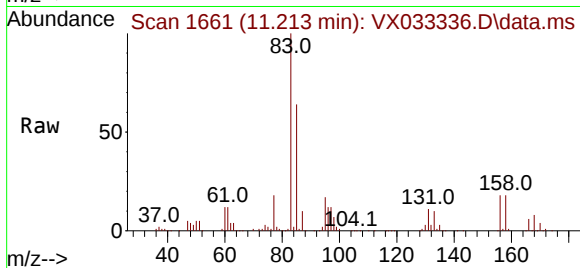
#75
1,1,2,2-Tetrachloroethane
Concen: 45.888 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX033336.D
Acq: 08 Dec 2022 20:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 130061
Ion Ratio Lower Upper
83 100
131 10.8 5.4 16.2
85 65.0 31.9 95.9

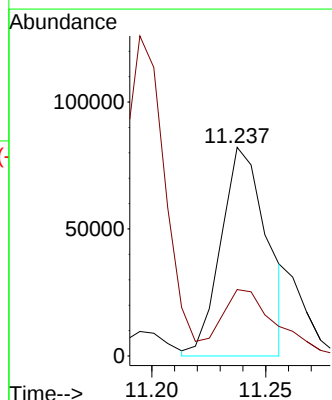
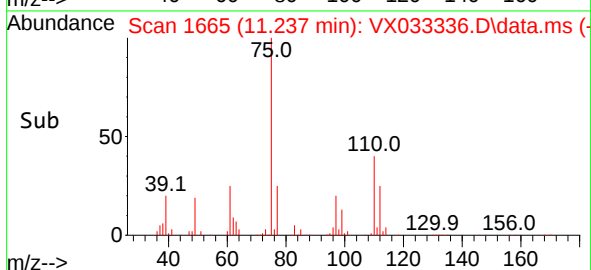
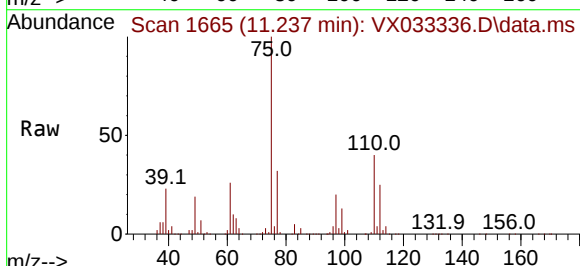
Manual Integrations
APPROVED

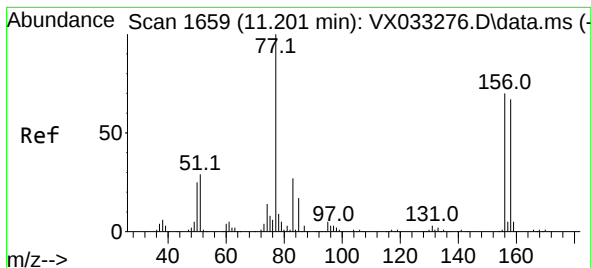
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#76
1,2,3-Trichloropropane
Concen: 45.907 ug/l m
RT: 11.237 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX033336.D
Acq: 08 Dec 2022 20:08

Tgt Ion: 75 Resp: 115129
Ion Ratio Lower Upper
75 100
77 38.6 20.0 60.0





#77

Bromobenzene

Concen: 47.101 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX033336.D

Acq: 08 Dec 2022 20:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:156 Resp: 106260

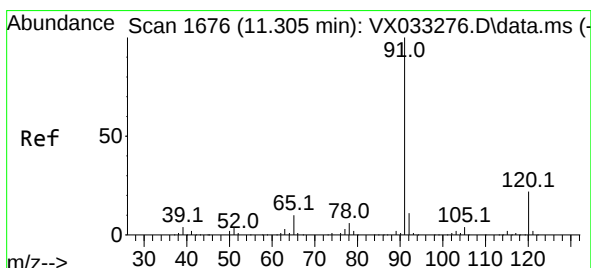
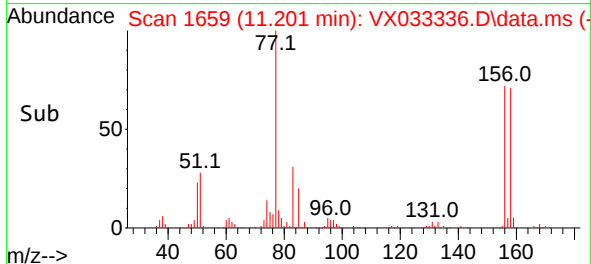
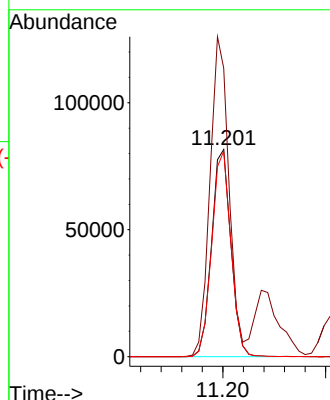
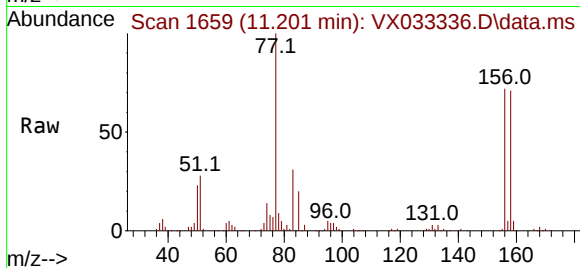
Ion	Ratio	Lower	Upper
156	100		
77	151.2	76.1	228.4
158	98.4	48.8	146.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/09/2022

Supervised By :Mahesh Dadoda 12/09/2022



#78

n-propylbenzene

Concen: 48.915 ug/l

RT: 11.305 min Scan# 1676

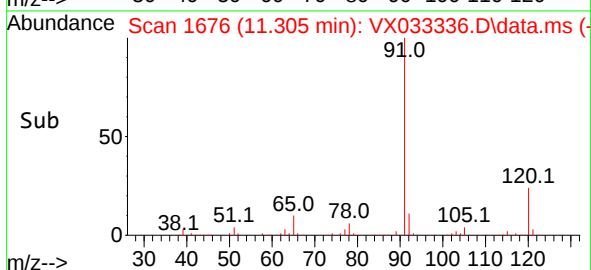
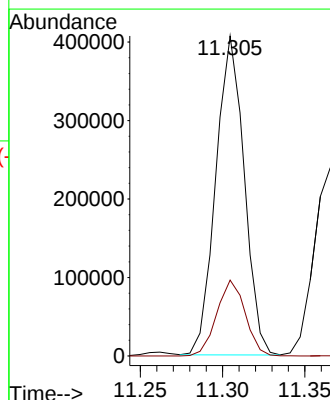
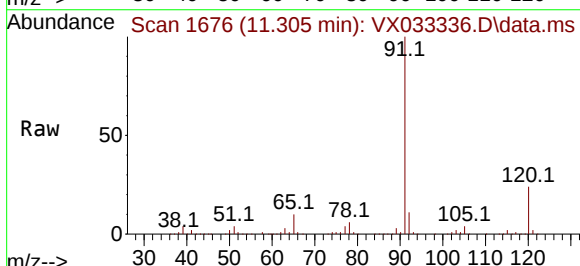
Delta R.T. 0.000 min

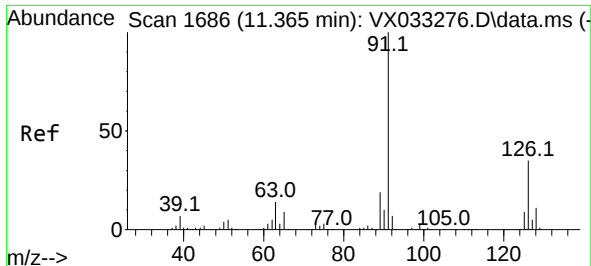
Lab File: VX033336.D

Acq: 08 Dec 2022 20:08

Tgt Ion: 91 Resp: 487982

Ion	Ratio	Lower	Upper
91	100		
120	23.8	11.6	34.8





#79

2-Chlorotoluene

Concen: 47.746 ug/l

RT: 11.365 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX033336.D

Acq: 08 Dec 2022 20:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 29436

Ion Ratio Lower Upper

91 100

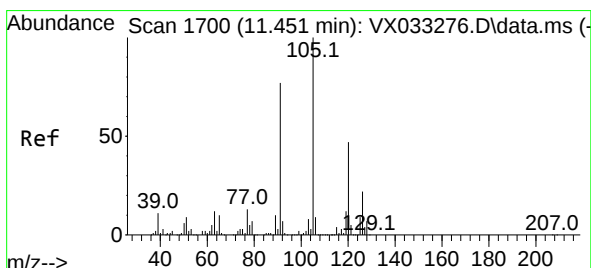
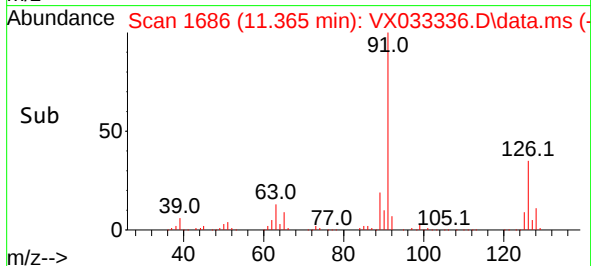
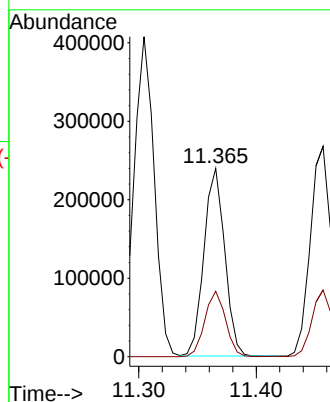
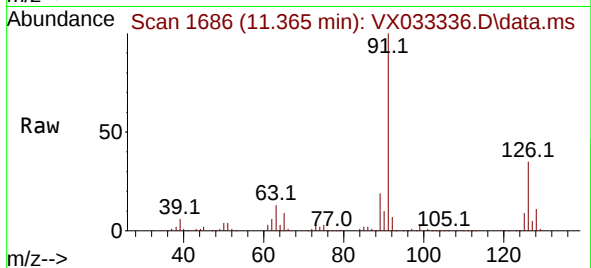
126 34.9 17.1 51.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/09/2022

Supervised By :Mahesh Dadoda 12/09/2022



#80

1,3,5-Trimethylbenzene

Concen: 49.073 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX033336.D

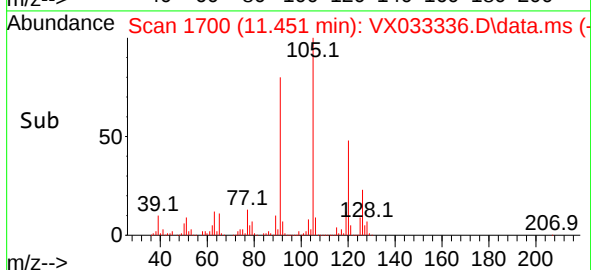
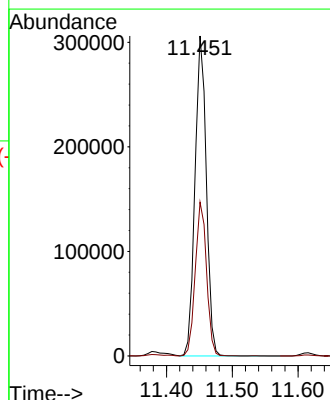
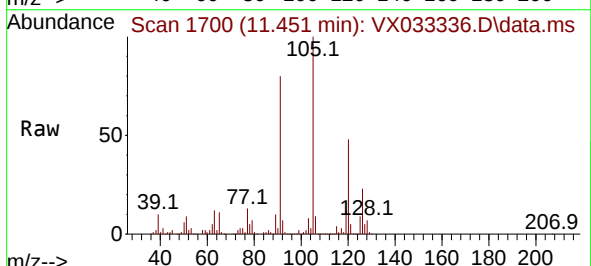
Acq: 08 Dec 2022 20:08

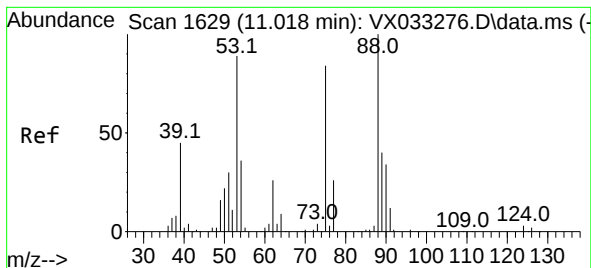
Tgt Ion:105 Resp: 364957

Ion Ratio Lower Upper

105 100

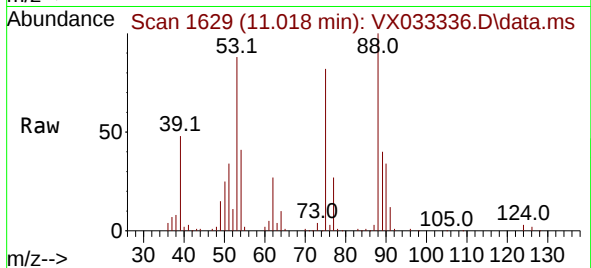
120 48.1 23.6 71.0





#81
trans-1,4-Dichloro-2-butene
Concen: 40.014 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX033336.D
Acq: 08 Dec 2022 20:08

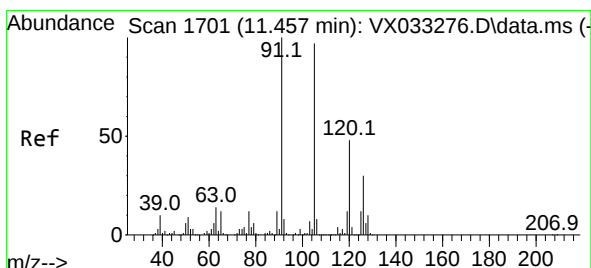
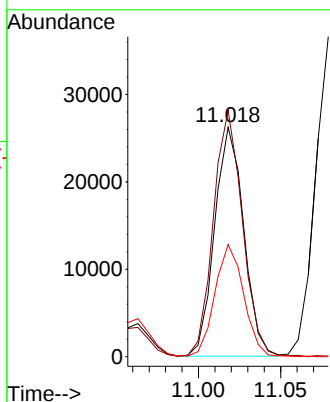
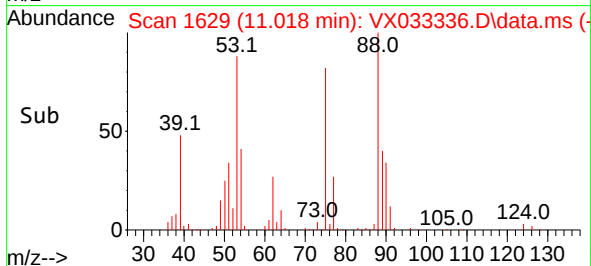
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



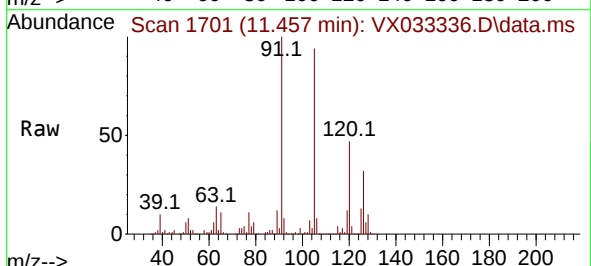
Tgt Ion: 75 Resp: 32260
Ion Ratio Lower Upper
75 100
53 107.6 86.9 130.3
89 48.4 38.3 57.5

Manual Integrations
APPROVED

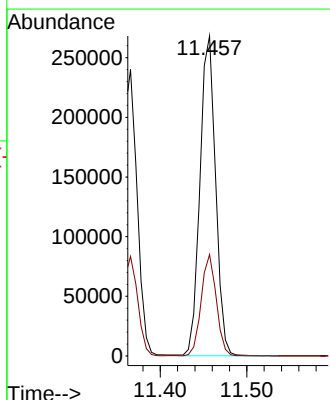
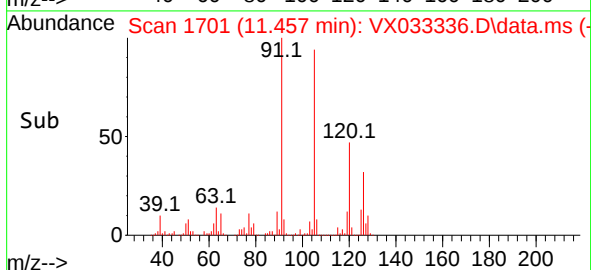
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022

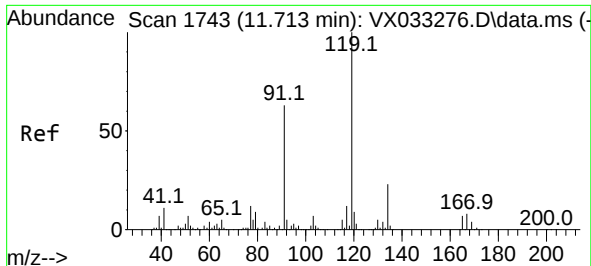


#82
4-Chlorotoluene
Concen: 46.896 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX033336.D
Acq: 08 Dec 2022 20:08



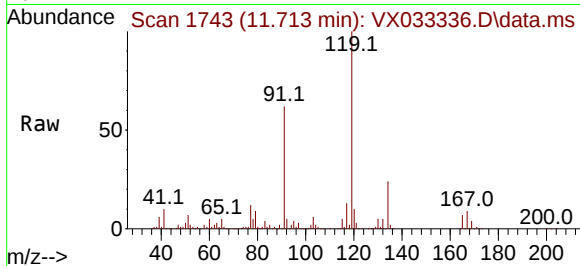
Tgt Ion: 91 Resp: 336197
Ion Ratio Lower Upper
91 100
126 30.8 14.8 44.4





#83
tert-Butylbenzene
Concen: 49.097 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX033336.D
Acq: 08 Dec 2022 20:08

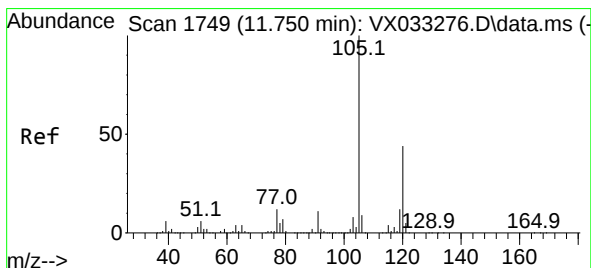
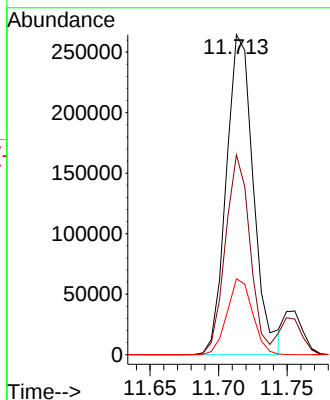
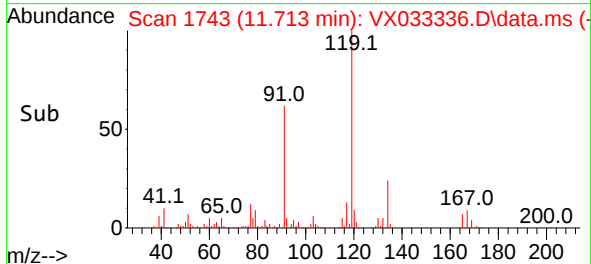
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



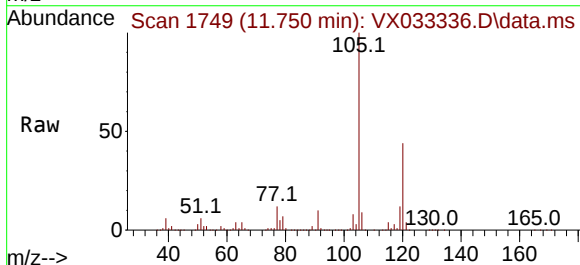
Tgt Ion:119 Resp: 364110
Ion Ratio Lower Upper
119 100
91 56.9 29.4 88.2
134 22.3 11.0 33.0

Manual Integrations
APPROVED

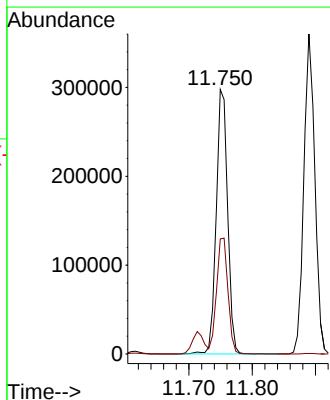
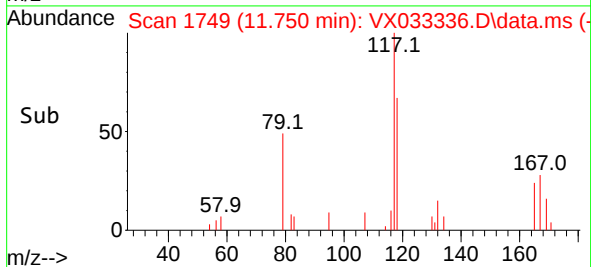
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022

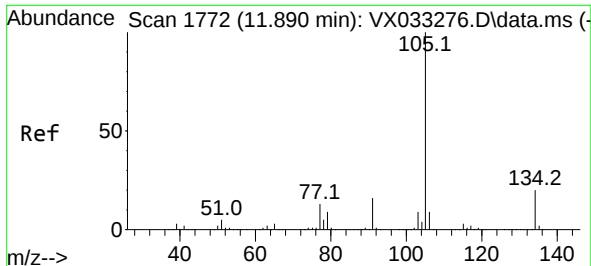


#84
1,2,4-Trimethylbenzene
Concen: 49.904 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX033336.D
Acq: 08 Dec 2022 20:08



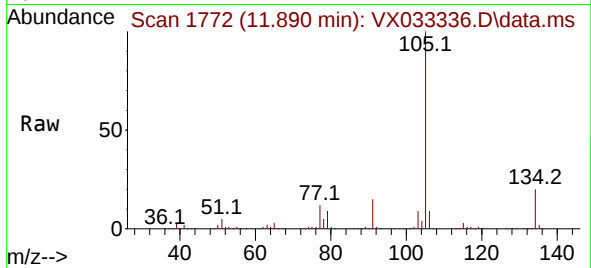
Tgt Ion:105 Resp: 370475
Ion Ratio Lower Upper
105 100
120 43.9 21.9 65.5





#85
 sec-Butylbenzene
 Concen: 49.897 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX033336.D
 Acq: 08 Dec 2022 20:08

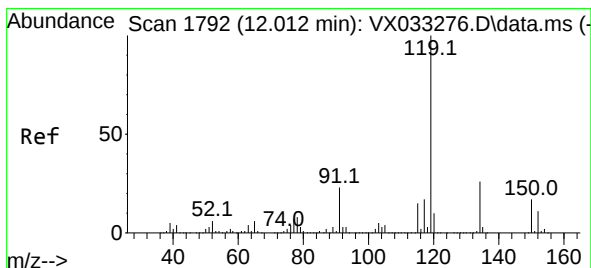
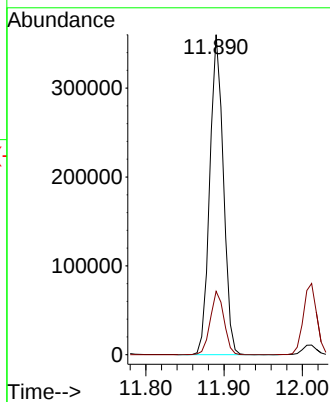
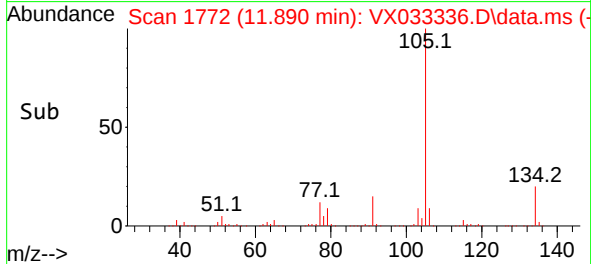
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



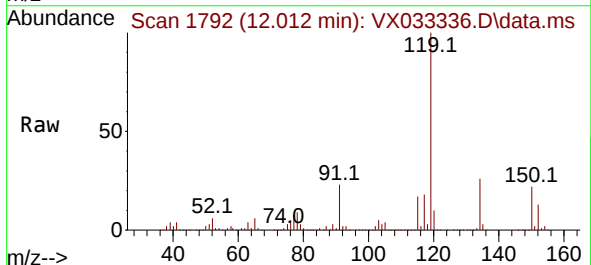
Tgt Ion:105 Resp: 431749
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.9 29.7

Manual Integrations
 APPROVED

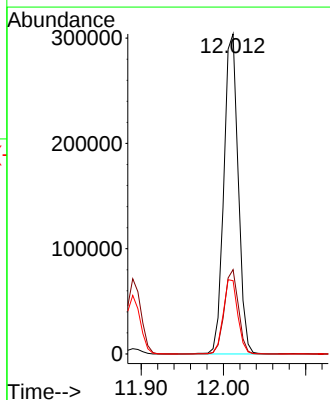
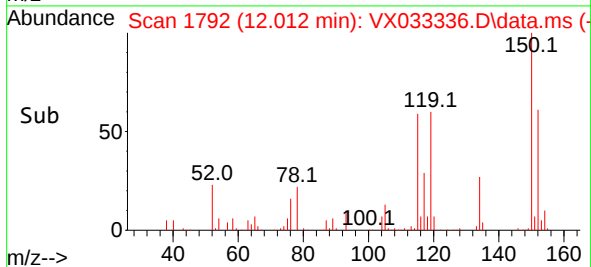
Reviewed By :John Carlone 12/09/2022
 Supervised By :Mahesh Dadoda 12/09/2022

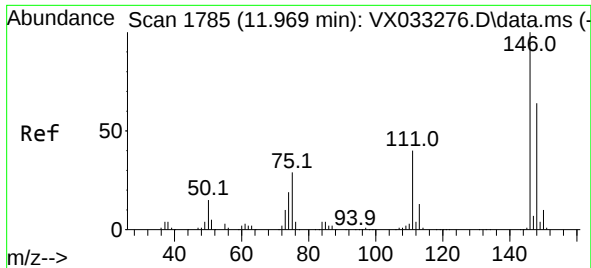


#86
 p-Isopropyltoluene
 Concen: 49.576 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX033336.D
 Acq: 08 Dec 2022 20:08



Tgt Ion:119 Resp: 369833
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.9 38.7
 91 23.5 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 48.128 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX033336.D

Acq: 08 Dec 2022 20:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 196694

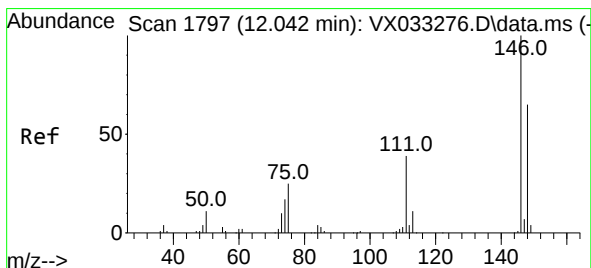
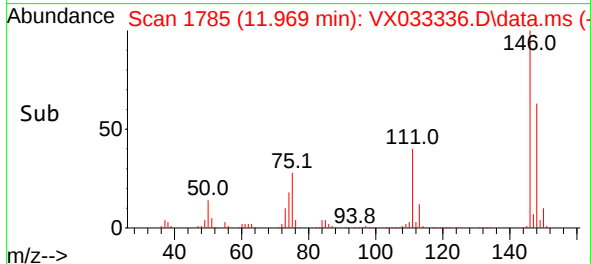
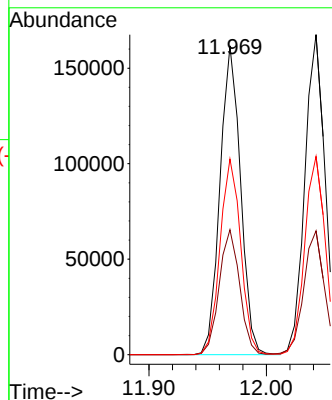
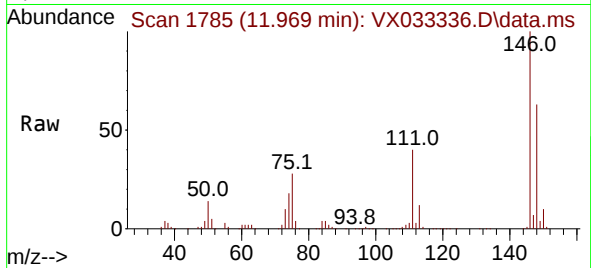
Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.6	61.8
148	63.8	31.7	95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/09/2022

Supervised By :Mahesh Dadoda 12/09/2022



#88

1,4-Dichlorobenzene

Concen: 48.040 ug/l

RT: 12.042 min Scan# 1797

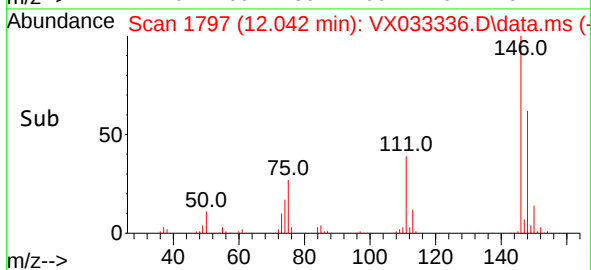
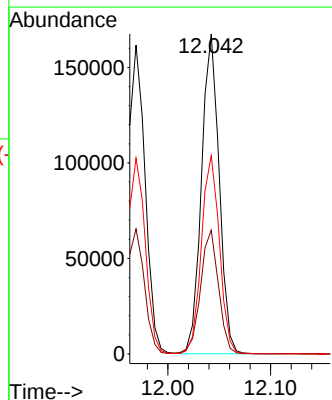
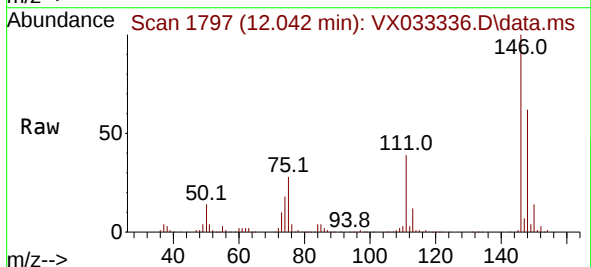
Delta R.T. 0.000 min

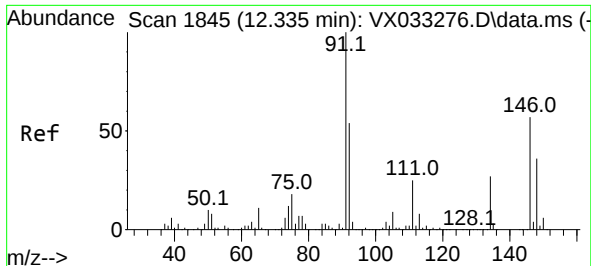
Lab File: VX033336.D

Acq: 08 Dec 2022 20:08

Tgt Ion:146 Resp: 200544

Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.5	61.6
148	63.1	32.2	96.6





#89

n-Butylbenzene

Concen: 49.624 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX033336.D

Acq: 08 Dec 2022 20:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 303204

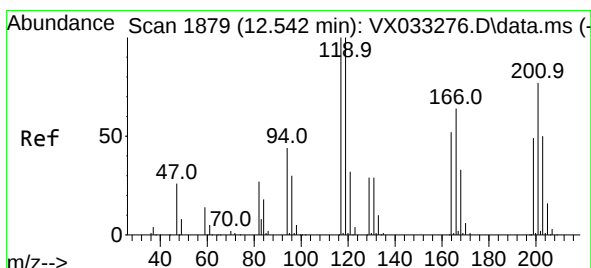
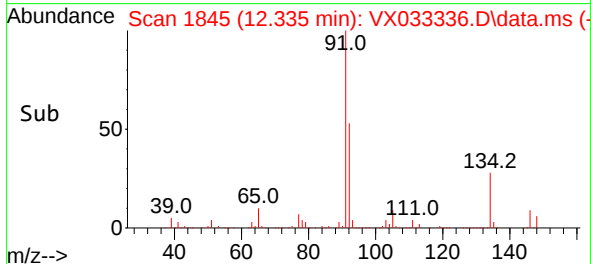
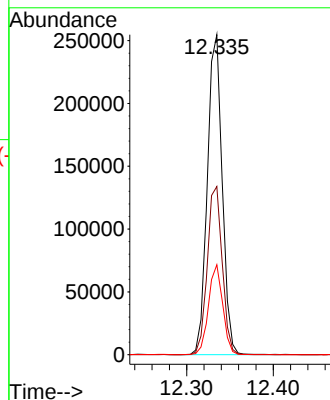
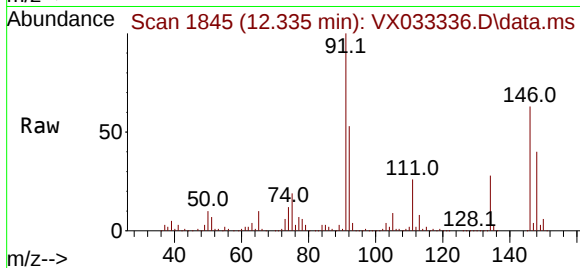
Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.2	78.6
134	27.0	12.9	38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/09/2022

Supervised By :Mahesh Dadoda 12/09/2022



#90

Hexachloroethane

Concen: 43.249 ug/l

RT: 12.536 min Scan# 1878

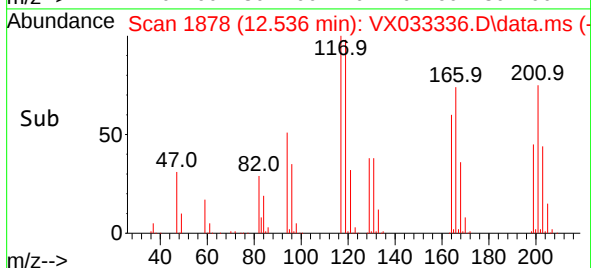
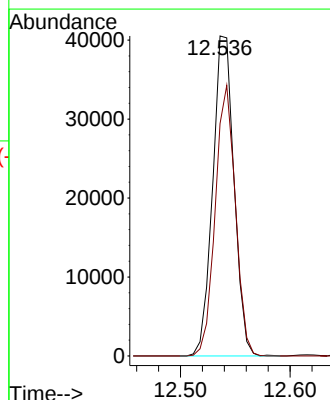
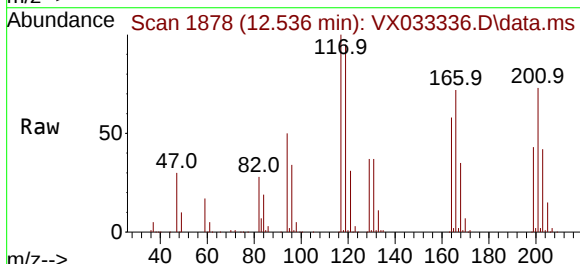
Delta R.T. -0.006 min

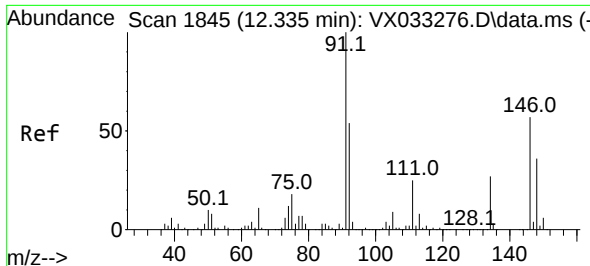
Lab File: VX033336.D

Acq: 08 Dec 2022 20:08

Tgt Ion:117 Resp: 54841

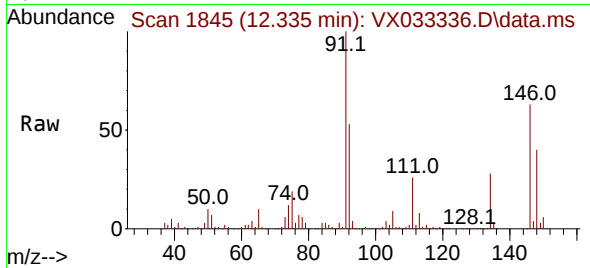
Ion	Ratio	Lower	Upper
117	100		
201	79.9	37.6	112.9





#91
1,2-Dichlorobenzene
Concen: 47.932 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033336.D
Acq: 08 Dec 2022 20:08

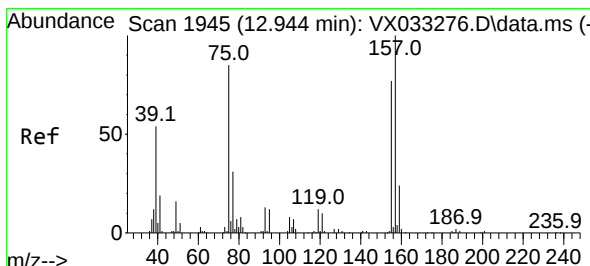
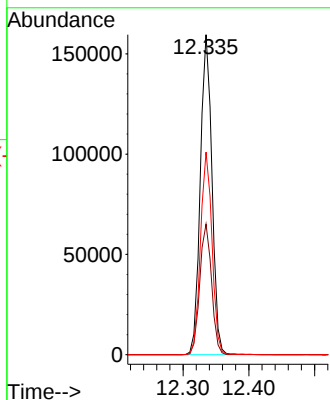
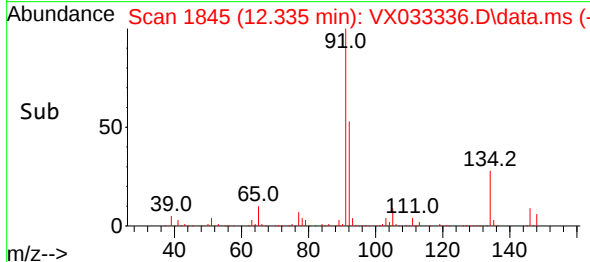
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



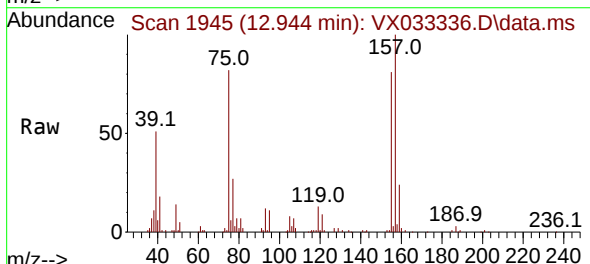
Tgt Ion:146 Resp: 19584
Ion Ratio Lower Upper
146 100
111 41.3 21.5 64.5
148 62.9 32.0 96.2

Manual Integrations
APPROVED

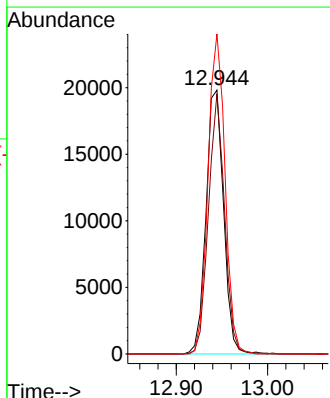
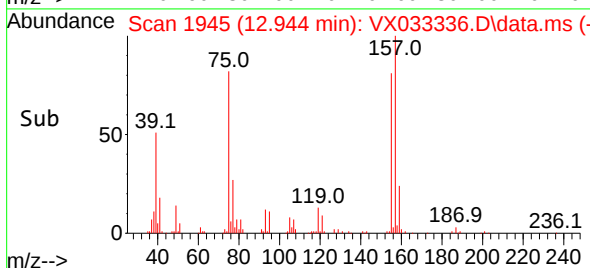
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022

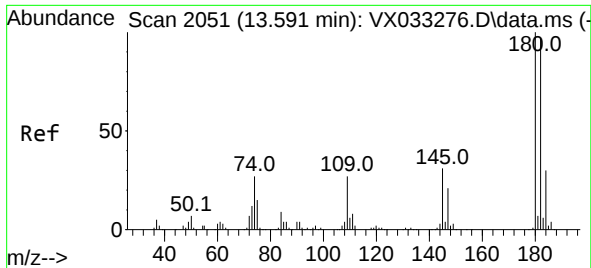


#92
1,2-Dibromo-3-Chloropropane
Concen: 43.023 ug/l
RT: 12.944 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX033336.D
Acq: 08 Dec 2022 20:08



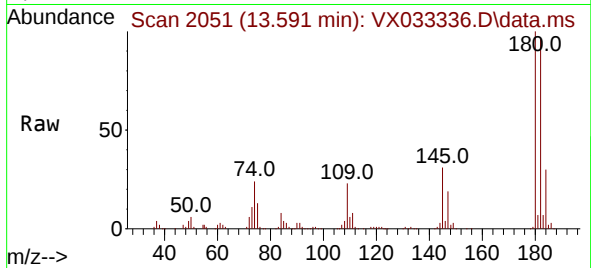
Tgt Ion: 75 Resp: 26340
Ion Ratio Lower Upper
75 100
155 90.8 41.6 124.8
157 117.5 54.1 162.4





#93
1,2,4-Trichlorobenzene
Concen: 48.834 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX033336.D
Acq: 08 Dec 2022 20:08

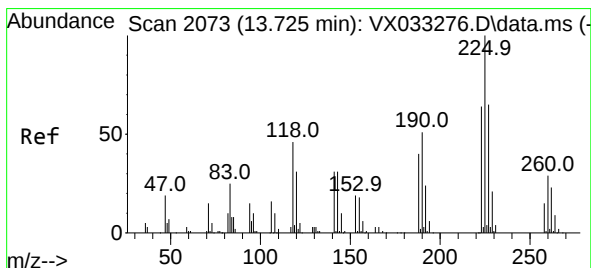
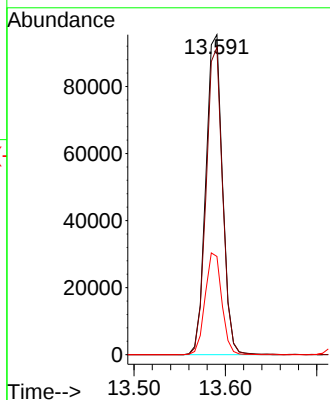
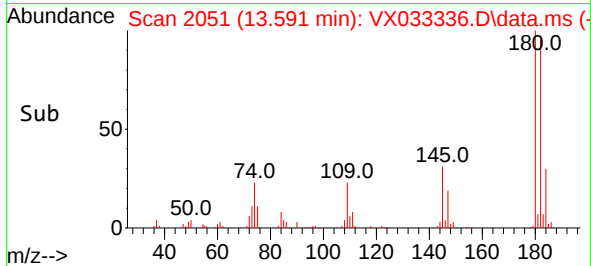
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



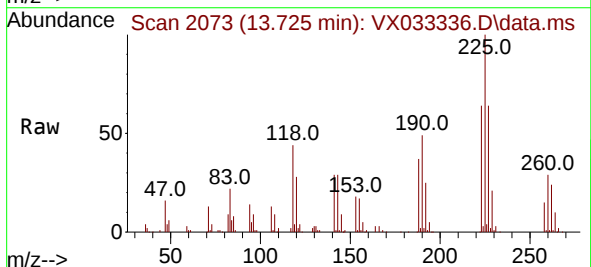
Tgt Ion:180 Resp: 12050
Ion Ratio Lower Upper
180 100
182 95.1 48.4 145.0
145 31.9 16.2 48.5

Manual Integrations
APPROVED

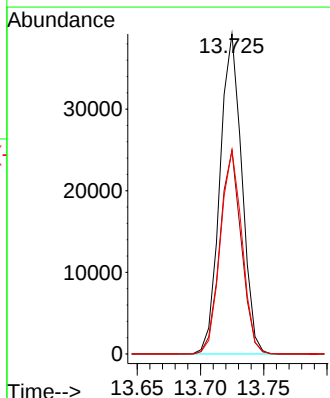
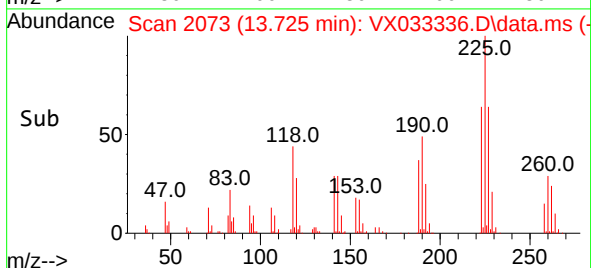
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022

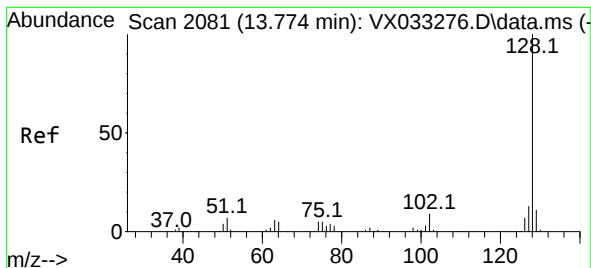


#94
Hexachlorobutadiene
Concen: 47.706 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX033336.D
Acq: 08 Dec 2022 20:08



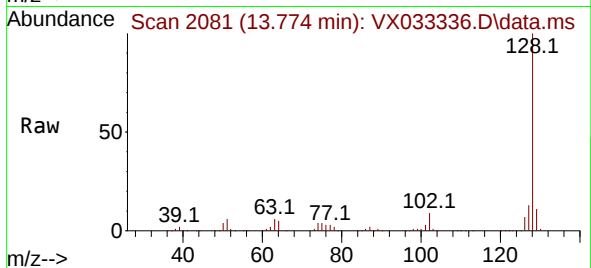
Tgt Ion:225 Resp: 47141
Ion Ratio Lower Upper
225 100
223 62.2 31.9 95.9
227 62.9 31.9 95.5





#95
Naphthalene
Concen: 50.265 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX033336.D
Acq: 08 Dec 2022 20:08

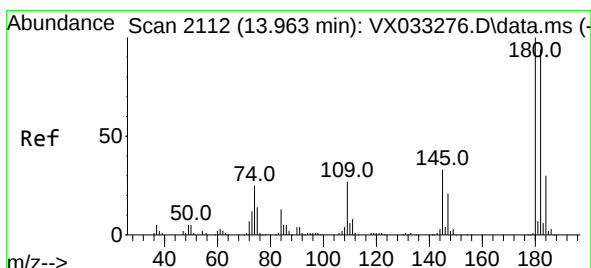
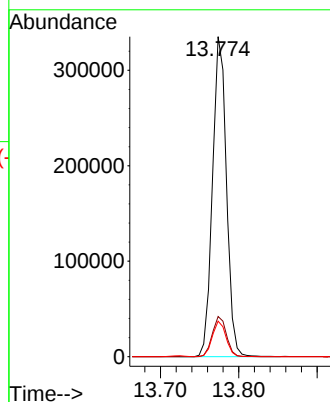
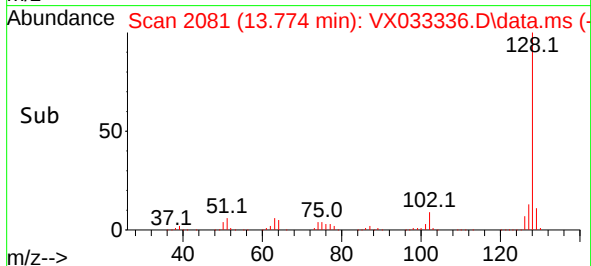
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



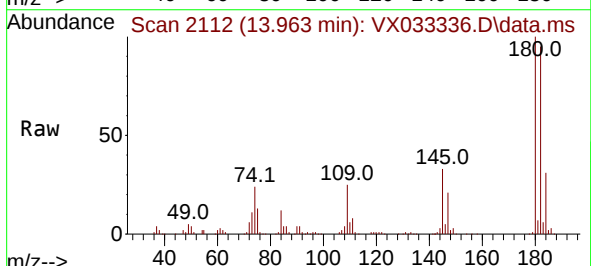
Tgt Ion:128 Resp: 413744
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.9 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#96
1,2,3-Trichlorobenzene
Concen: 48.407 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX033336.D
Acq: 08 Dec 2022 20:08



Tgt Ion:180 Resp: 120982
Ion Ratio Lower Upper
180 100
182 94.5 47.5 142.6
145 33.9 16.9 50.6

