

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021622\
 Data File : VX027033.D
 Acq On : 15 Feb 2022 16:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/16/2022
 Supervised By : Mahesh Dadoda 02/21/2022

Quant Time: Feb 16 04:05:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	93384	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	150745	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	136702	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	64947	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	56584	50.477	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.960%			
35) Dibromofluoromethane	5.391	113	45238	50.370	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.740%			
50) Toluene-d8	8.647	98	169637	51.457	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.920%			
62) 4-Bromofluorobenzene	11.079	95	64274	55.377	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.760%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	47955	47.227	ug/l	99
3) Chloromethane	1.295	50	44808	47.435	ug/l	99
4) Vinyl Chloride	1.374	62	44693	45.197	ug/l	98
5) Bromomethane	1.605	94	17454	41.596	ug/l	98
6) Chloroethane	1.691	64	26855	49.721	ug/l	97
7) Trichlorofluoromethane	1.892	101	68385	46.994	ug/l	100
8) Diethyl Ether	2.136	74	24285	45.052	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	46913	49.183	ug/l	99
10) Methyl Iodide	2.453	142	56282	42.879	ug/l	97
11) Tert butyl alcohol	2.989	59	39189	193.517	ug/l	97
12) 1,1-Dichloroethene	2.325	96	42896	44.884	ug/l	92
13) Acrolein	2.240	56	42958	229.544	ug/l	100
14) Allyl chloride	2.666	41	78261	46.230	ug/l	97
15) Acrylonitrile	3.063	53	132450	228.238	ug/l	99
16) Acetone	2.380	43	117622	238.903	ug/l	96
17) Carbon Disulfide	2.514	76	108339	40.044	ug/l	99
18) Methyl Acetate	2.703	43	60767	42.897	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	151866	44.893	ug/l	99
20) Methylene Chloride	2.794	84	49471	46.373	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	47444	47.176	ug/l	94
22) Diisopropyl ether	3.764	45	159179	46.704	ug/l	91
23) Vinyl Acetate	3.721	43	669574	233.662	ug/l	98
24) 1,1-Dichloroethane	3.611	63	86968	47.156	ug/l	100
25) 2-Butanone	4.550	43	184004	231.964	ug/l	98
26) 2,2-Dichloropropane	4.483	77	62438	50.107	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	55776	48.304	ug/l	96
28) Bromochloromethane	4.898	49	38461	50.309	ug/l	96
29) Tetrahydrofuran	5.001	42	119707	221.977	ug/l	98
30) Chloroform	5.093	83	89284	46.595	ug/l	100
31) Cyclohexane	5.477	56	81348	45.671	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	78109	46.235	ug/l	100
36) 1,1-Dichloropropene	5.690	75	67114	47.369	ug/l	98
37) Ethyl Acetate	4.709	43	71729	44.548	ug/l	99
38) Carbon Tetrachloride	5.678	117	68847	46.338	ug/l	98
39) Methylcyclohexane	7.379	83	83844	48.255	ug/l	96
40) Benzene	6.038	78	194738	47.160	ug/l	100

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 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	40579	46.499	ug/l	97
42) 1,2-Dichloroethane	6.086	62	70774	48.639	ug/l	98
43) Isopropyl Acetate	6.336	43	112834	45.545	ug/l	98
44) Trichloroethene	7.129	130	57857	46.664	ug/l	93
45) 1,2-Dichloropropane	7.428	63	49880	47.743	ug/l	98
46) Dibromomethane	7.580	93	34716	48.022	ug/l	98
47) Bromodichloromethane	7.824	83	68979	49.826	ug/l	100
48) Methyl methacrylate	7.690	41	56987	46.424	ug/l	96
49) 1,4-Dioxane	7.665	88	17812	842.057	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	362722	241.607	ug/l	98
52) Toluene	8.720	92	124177	47.498	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	68546	45.853	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	78592	51.411	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	50477	51.001	ug/l	98
56) Ethyl methacrylate	9.116	69	77325	49.287	ug/l	96
57) 1,3-Dichloropropane	9.311	76	85412	50.255	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	183097	227.377	ug/l	98
59) 2-Hexanone	9.433	43	266074	242.305	ug/l	97
60) Dibromochloromethane	9.525	129	52273	51.330	ug/l	98
61) 1,2-Dibromoethane	9.610	107	52376	50.087	ug/l	100
64) Tetrachloroethene	9.275	164	61001	44.430	ug/l	96
65) Chlorobenzene	10.080	112	134600	47.610	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	48681	46.809	ug/l	99
67) Ethyl Benzene	10.195	91	240611	48.086	ug/l	99
68) m/p-Xylenes	10.305	106	186427	96.838	ug/l	97
69) o-Xylene	10.640	106	90619	48.038	ug/l	96
70) Styrene	10.659	104	153188	50.070	ug/l	98
71) Bromoform	10.799	173	35455	44.242	ug/l #	99
73) Isopropylbenzene	10.964	105	240632	47.038	ug/l	99
74) N-amyl acetate	10.842	43	91049	44.543	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.214	83	63413	45.677	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	66094m	46.489	ug/l	
77) Bromobenzene	11.201	156	57317	47.135	ug/l	95
78) n-propylbenzene	11.305	91	277553	48.940	ug/l	99
79) 2-Chlorotoluene	11.366	91	164252	46.874	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	199586	47.403	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	19183	42.718	ug/l	95
82) 4-Chlorotoluene	11.457	91	187837	47.783	ug/l	97
83) tert-Butylbenzene	11.713	119	186281	46.420	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	200682	47.254	ug/l	98
85) sec-Butylbenzene	11.890	105	248977	48.946	ug/l	99
86) p-Isopropyltoluene	12.012	119	211627	49.109	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	107035	48.036	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	106358	47.330	ug/l	99
89) n-Butylbenzene	12.335	91	180172	51.102	ug/l	99
90) Hexachloroethane	12.543	117	32045	51.451	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	101718	47.311	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	14971	43.852	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	67166	49.501	ug/l	99
94) Hexachlorobutadiene	13.725	225	27911	48.631	ug/l	98
95) Naphthalene	13.774	128	222487	46.811	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	64947	47.271	ug/l	98

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ClientSampleId :
VSTDCCC050

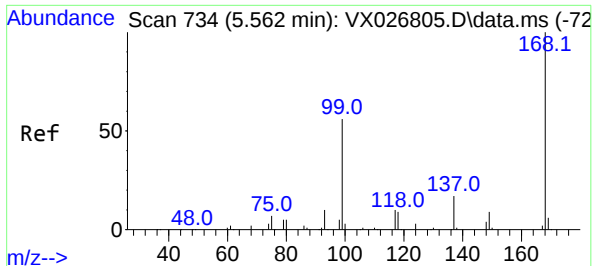
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/16/2022
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Quant Time: Feb 16 04:05:30 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 08 07:07:46 2022
Response via : Initial Calibration

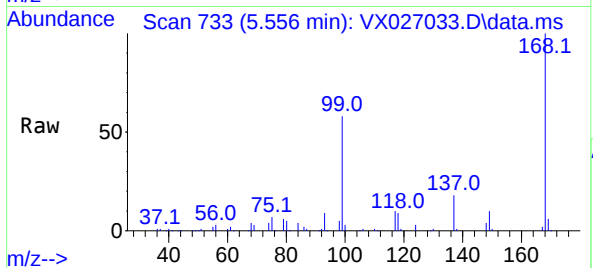
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX027033.D
Acq: 15 Feb 2022 16:20

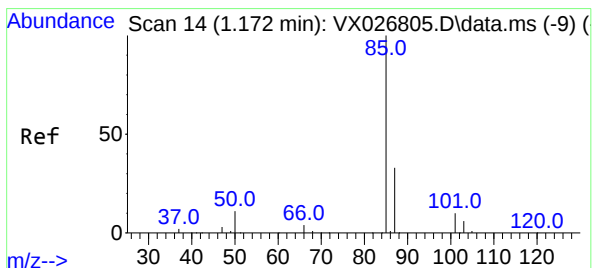
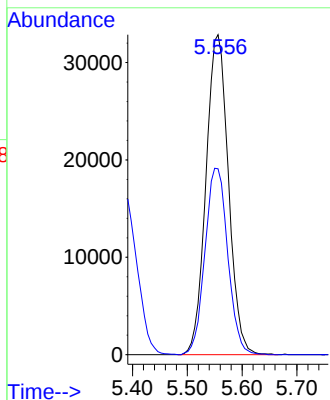
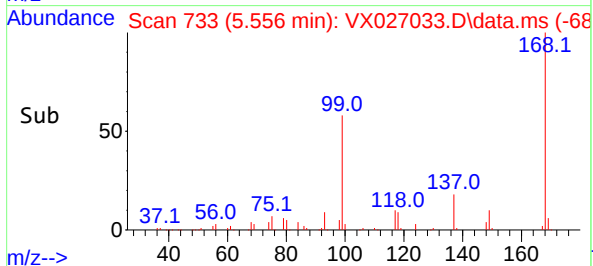
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



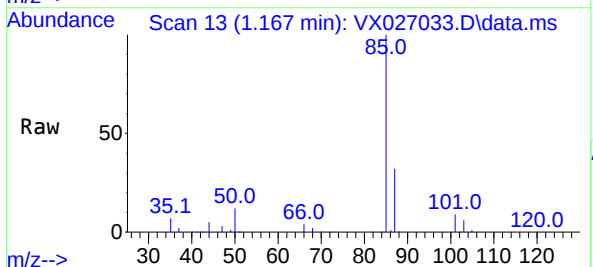
Tgt Ion:168 Resp: 93384
Ion Ratio Lower Upper
168 100
99 58.1 50.3 75.5

Manual Integrations
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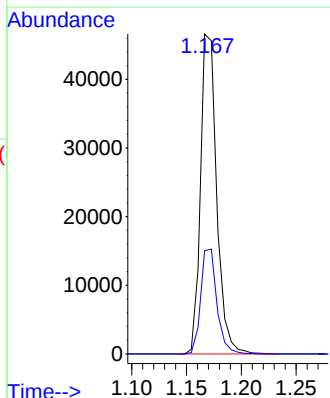
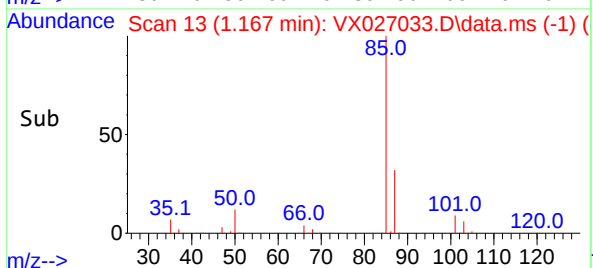
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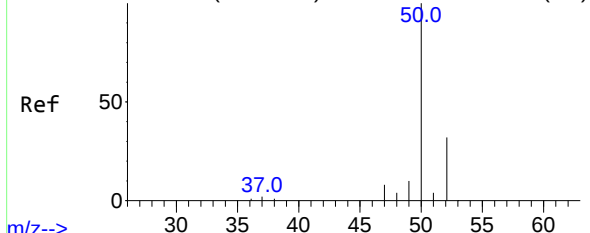
#2
Dichlorodifluoromethane
Concen: 47.227 ug/l
RT: 1.167 min Scan# 13
Delta R.T. -0.006 min
Lab File: VX027033.D
Acq: 15 Feb 2022 16:20



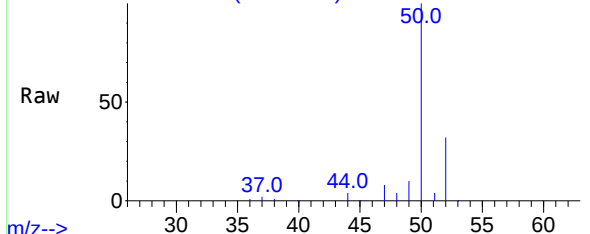
Tgt Ion: 85 Resp: 47955
Ion Ratio Lower Upper
85 100
87 32.3 16.4 49.1



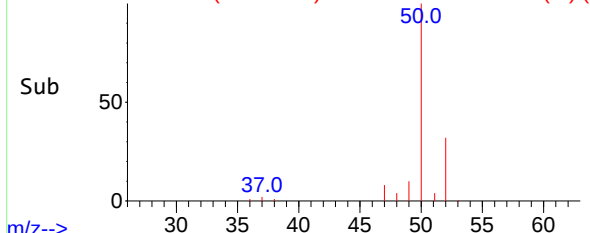
Abundance Scan 34 (1.294 min): VX026805.D\data.ms (-29)



Abundance Scan 34 (1.295 min): VX027033.D\data.ms



Abundance Scan 34 (1.295 min): VX027033.D\data.ms (-1)



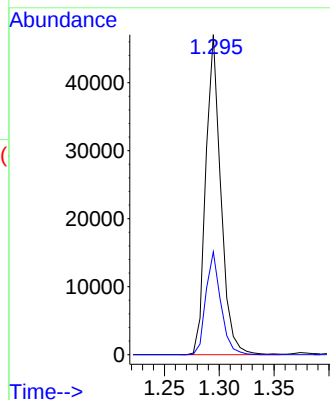
#3
Chloromethane
Concen: 47.435 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX027033.D
Acq: 15 Feb 2022 16:20

Instrument :
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ClientSampleId :
VSTDCCC050

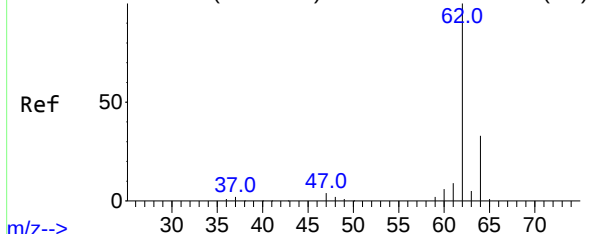
Tgt Ion: 50 Resp: 44808
Ion Ratio Lower Upper
50 100
52 32.1 26.1 39.1

Manual Integrations
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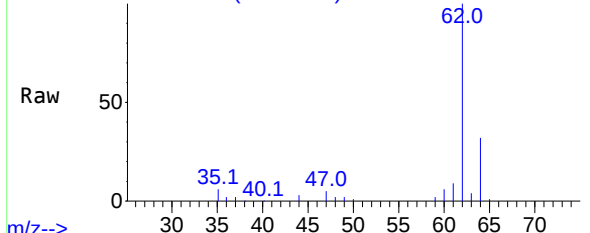
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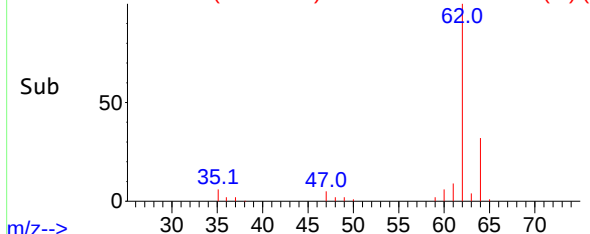
Abundance Scan 48 (1.380 min): VX026805.D\data.ms (-42)



Abundance Scan 47 (1.374 min): VX027033.D\data.ms

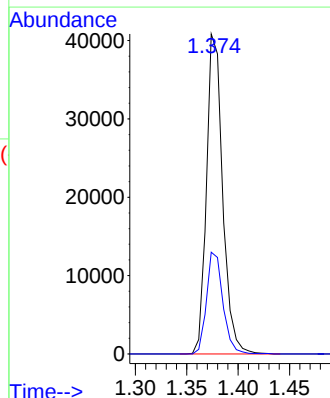


Abundance Scan 47 (1.374 min): VX027033.D\data.ms (-1)



#4
Vinyl Chloride
Concen: 45.197 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.006 min
Lab File: VX027033.D
Acq: 15 Feb 2022 16:20

Tgt Ion: 62 Resp: 44693
Ion Ratio Lower Upper
62 100
64 31.8 26.2 39.2





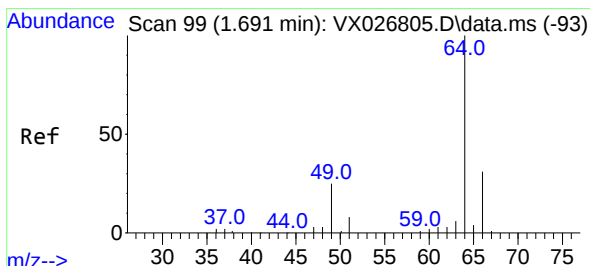
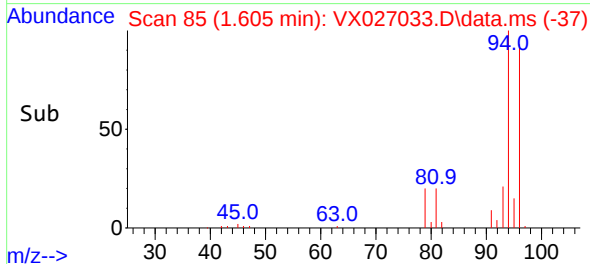
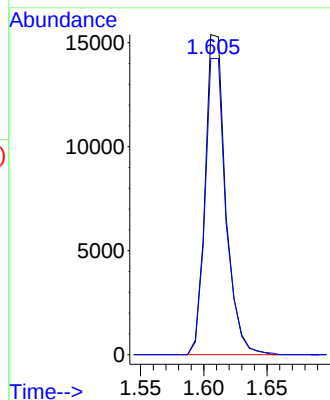
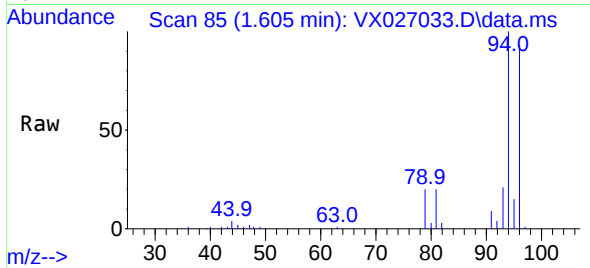
#5
Bromomethane
Concen: 41.596 ug/l
RT: 1.605 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX027033.D
Acq: 15 Feb 2022 16:20

Instrument :
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Tgt Ion: 94 Resp: 17454
Ion Ratio Lower Upper
94 100
96 92.5 75.9 113.9

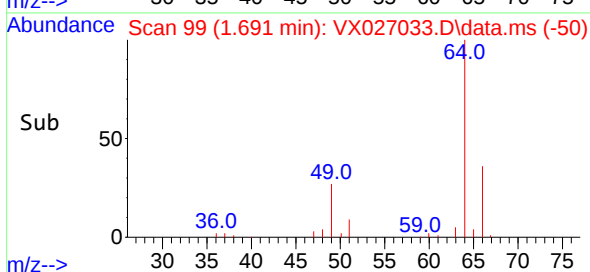
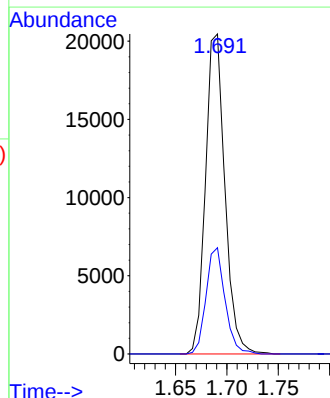
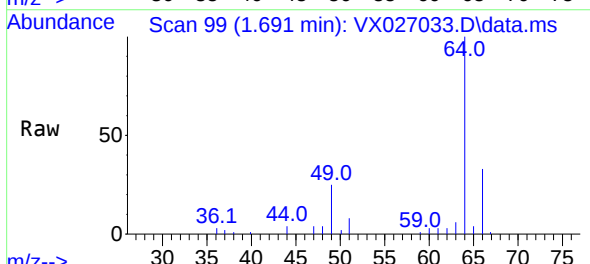
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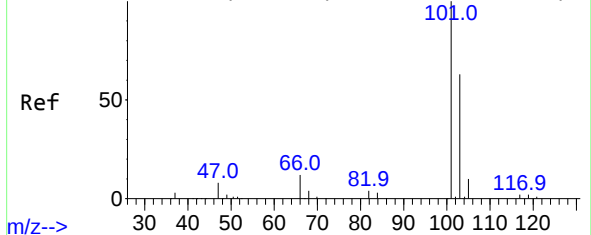


#6
Chloroethane
Concen: 49.721 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX027033.D
Acq: 15 Feb 2022 16:20

Tgt Ion: 64 Resp: 26855
Ion Ratio Lower Upper
64 100
66 33.2 25.4 38.2



Abundance Scan 132 (1.892 min): VX026805.D\data.ms (-12



#7

Trichlorofluoromethane

Concen: 46.994 ug/l

RT: 1.892 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX027033.D

Acq: 15 Feb 2022 16:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:101 Resp: 6838

Ion Ratio Lower Upper

101 100

103 64.2 51.3 76.9

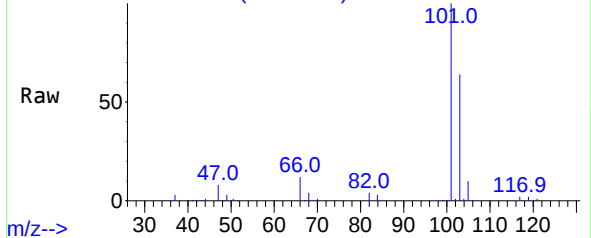
Manual Integrations

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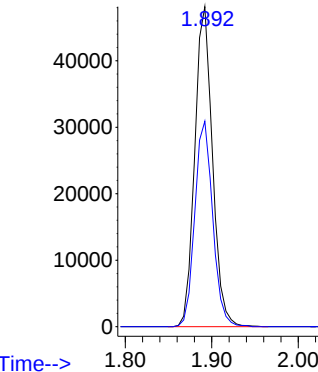
Reviewed By :John Carlone 02/16/2022

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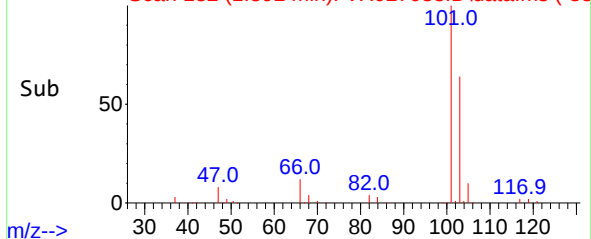
Abundance Scan 132 (1.892 min): VX027033.D\data.ms



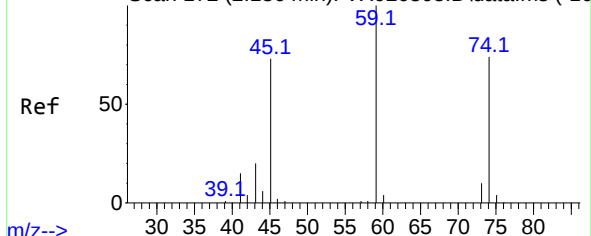
Abundance



Abundance Scan 132 (1.892 min): VX027033.D\data.ms (-83



Abundance Scan 172 (2.136 min): VX026805.D\data.ms (-16



#8

Diethyl Ether

Concen: 45.052 ug/l

RT: 2.136 min Scan# 172

Delta R.T. 0.000 min

Lab File: VX027033.D

Acq: 15 Feb 2022 16:20

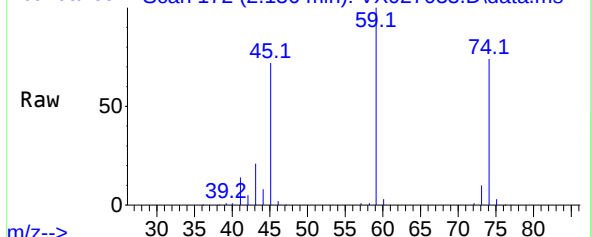
Tgt Ion: 74 Resp: 24285

Ion Ratio Lower Upper

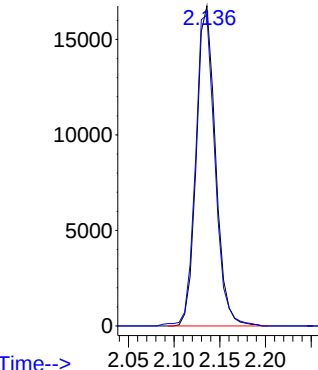
74 100

45 99.9 50.7 152.1

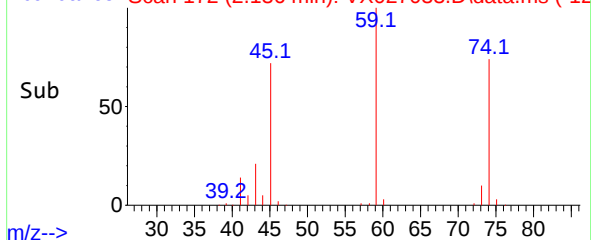
Abundance Scan 172 (2.136 min): VX027033.D\data.ms

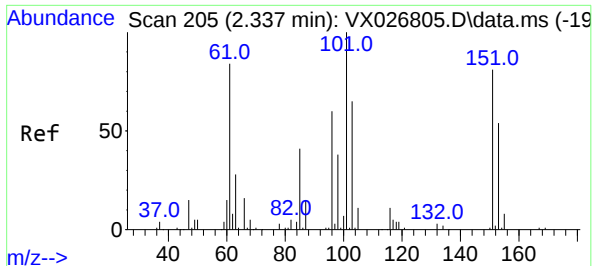


Abundance



Abundance Scan 172 (2.136 min): VX027033.D\data.ms (-12





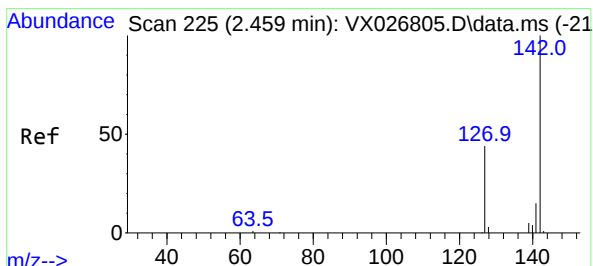
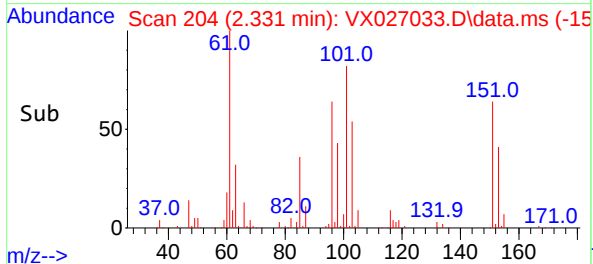
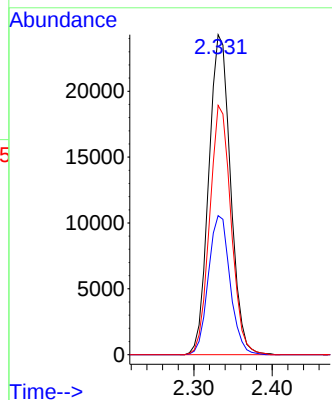
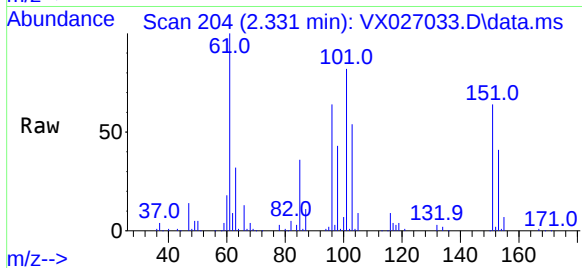
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.183 ug/l
RT: 2.331 min Scan# 205
Delta R.T. -0.006 min
Lab File: VX027033.D
Acq: 15 Feb 2022 16:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 4691
Ion Ratio Lower Upper
101 100
85 43.2 35.3 52.9
151 76.5 61.4 92.2

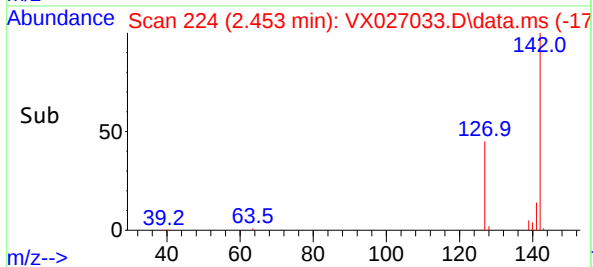
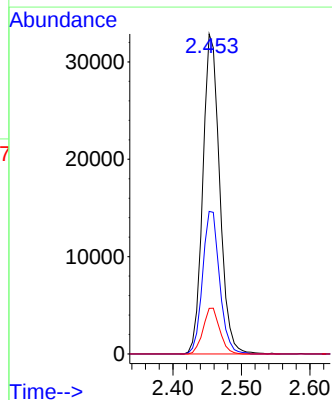
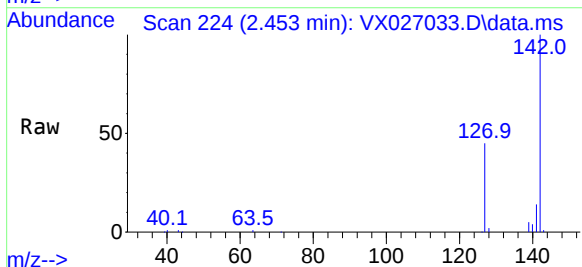
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/16/2022
Supervised By :Mahesh Dadoda 02/21/2022



#10
Methyl Iodide
Concen: 42.879 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX027033.D
Acq: 15 Feb 2022 16:20

Tgt Ion:142 Resp: 56282
Ion Ratio Lower Upper
142 100
127 45.1 38.1 57.1
141 14.2 11.2 16.8





#11

Tert butyl alcohol

Concen: 193.517 ug/l

RT: 2.989 min Scan# 314

Delta R.T. -0.012 min

Lab File: VX027033.D

Acq: 15 Feb 2022 16:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 39189

Ion Ratio Lower Upper

59 100

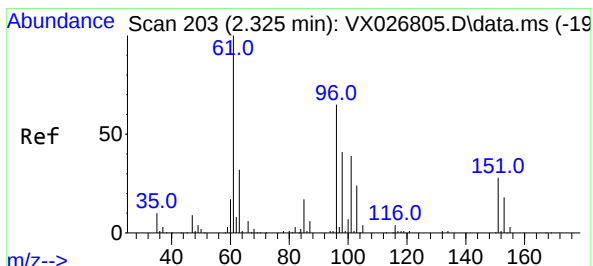
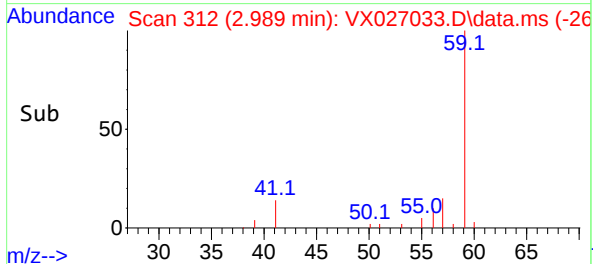
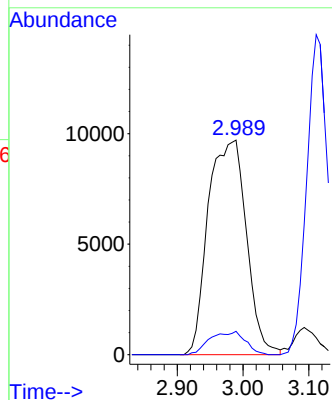
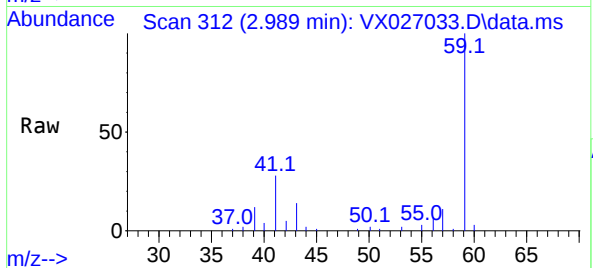
57 10.1 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/16/2022

Supervised By :Mahesh Dadoda 02/21/2022



#12

1,1-Dichloroethene

Concen: 44.884 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.000 min

Lab File: VX027033.D

Acq: 15 Feb 2022 16:20

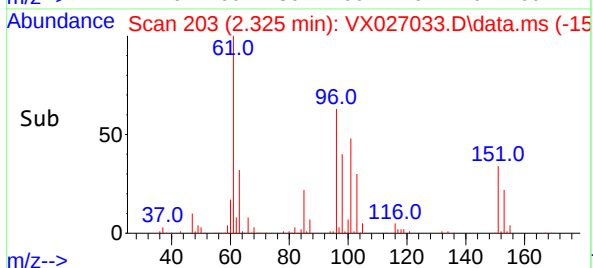
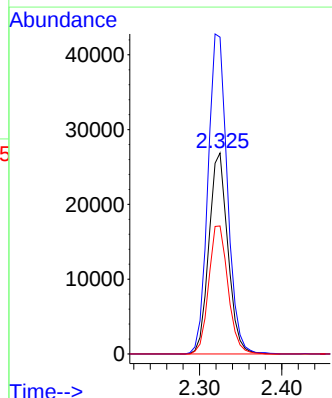
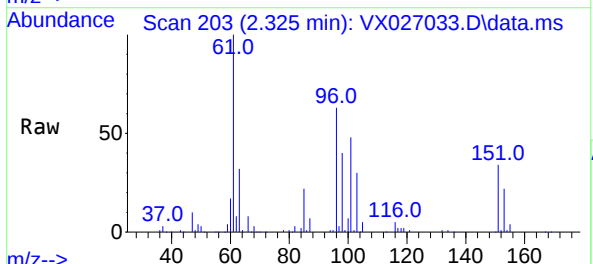
Tgt Ion: 96 Resp: 42896

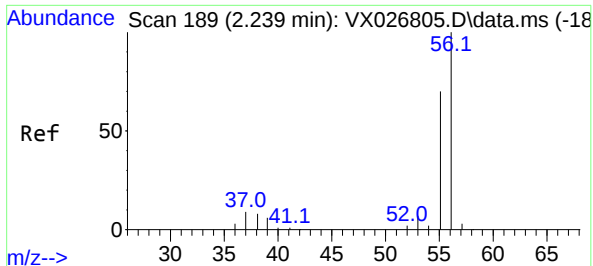
Ion Ratio Lower Upper

96 100

61 157.6 138.5 207.7

98 63.6 51.8 77.6





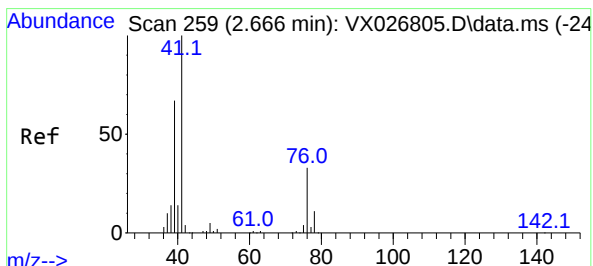
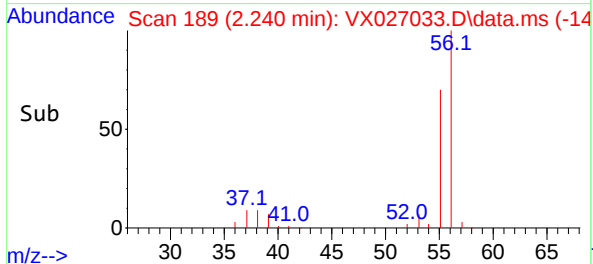
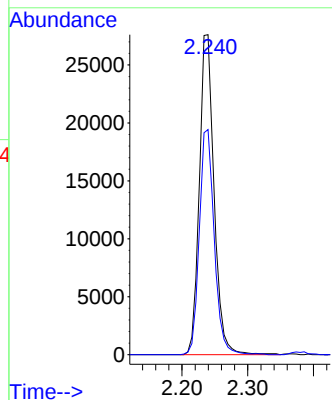
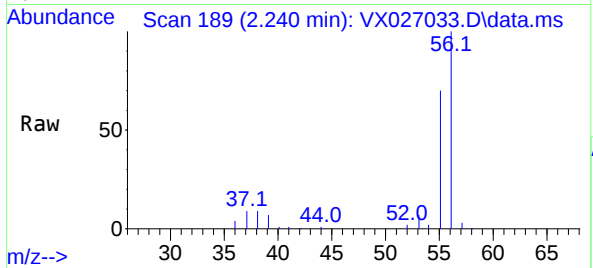
#13
Acrolein
Concen: 229.544 ug/l
RT: 2.240 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX027033.D
Acq: 15 Feb 2022 16:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 42958
Ion Ratio Lower Upper
56 100
55 71.3 56.9 85.3

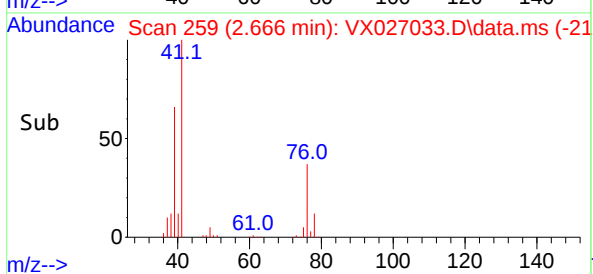
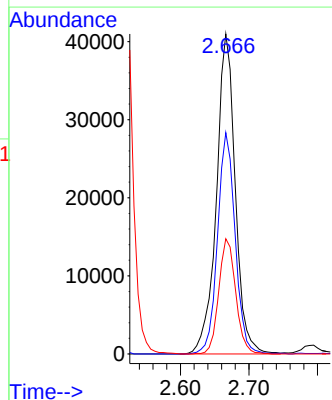
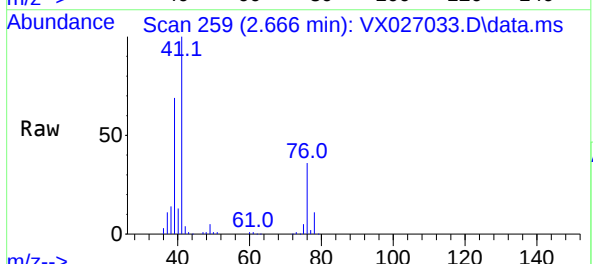
Manual Integrations
APPROVED

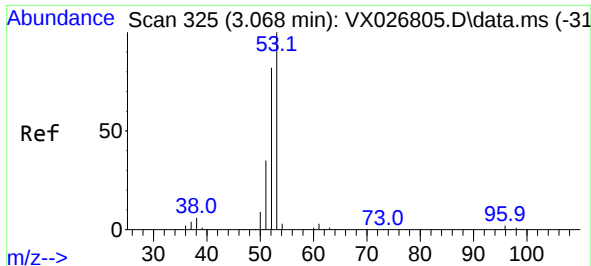
Reviewed By :John Carlone 02/16/2022
Supervised By :Mahesh Dadoda 02/21/2022



#14
Allyl chloride
Concen: 46.230 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX027033.D
Acq: 15 Feb 2022 16:20

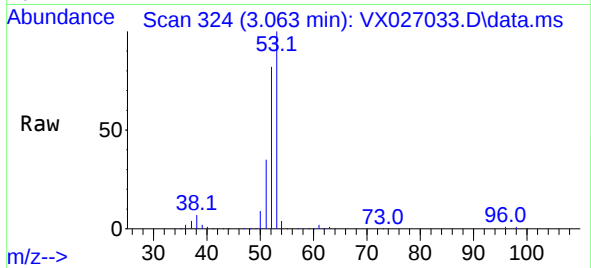
Tgt Ion: 41 Resp: 78261
Ion Ratio Lower Upper
41 100
39 64.5 54.2 81.4
76 32.3 25.2 37.8





#15
Acrylonitrile
Concen: 228.238 ug/l
RT: 3.063 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX027033.D
Acq: 15 Feb 2022 16:20

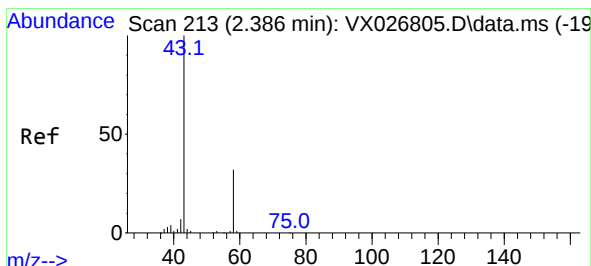
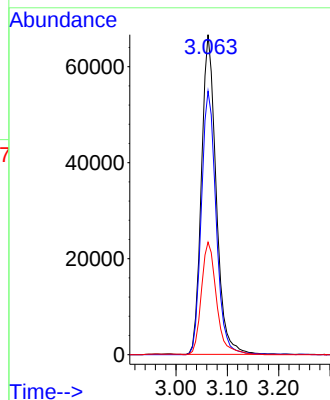
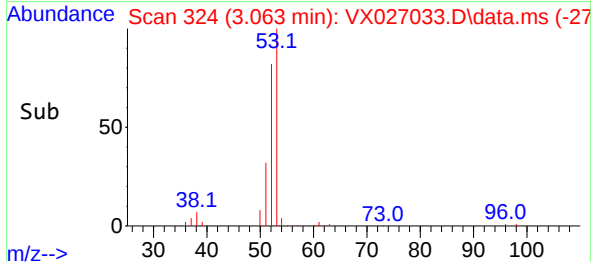
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 132450
Ion Ratio Lower Upper
53 100
52 82.9 66.6 100.0
51 36.3 29.5 44.3

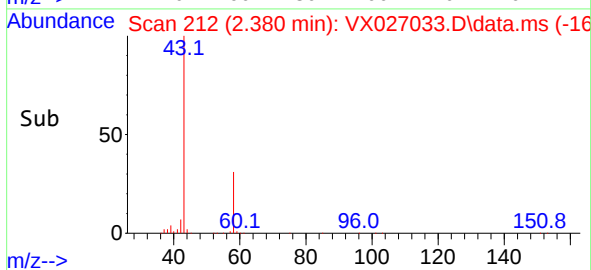
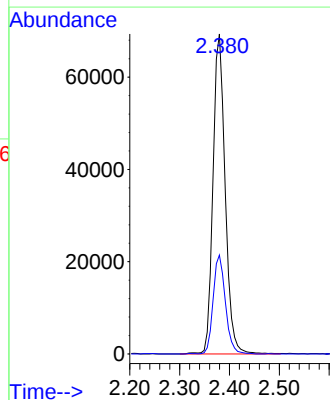
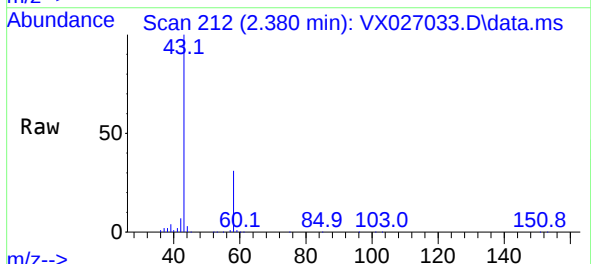
Manual Integrations
APPROVED

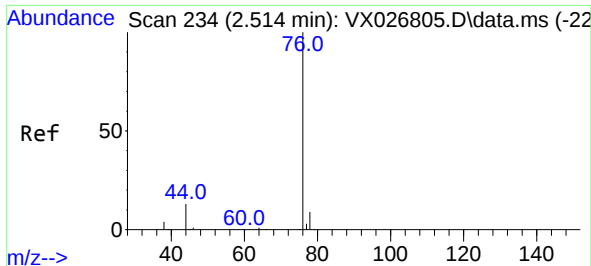
Reviewed By :John Carlone 02/16/2022
Supervised By :Mahesh Dadoda 02/21/2022



#16
Acetone
Concen: 238.903 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX027033.D
Acq: 15 Feb 2022 16:20

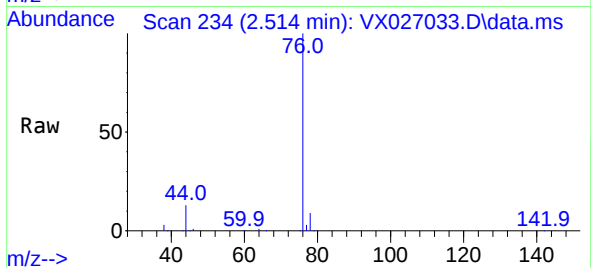
Tgt Ion: 43 Resp: 117622
Ion Ratio Lower Upper
43 100
58 30.9 23.0 34.6





#17
Carbon Disulfide
Concen: 40.044 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX027033.D
Acq: 15 Feb 2022 16:20

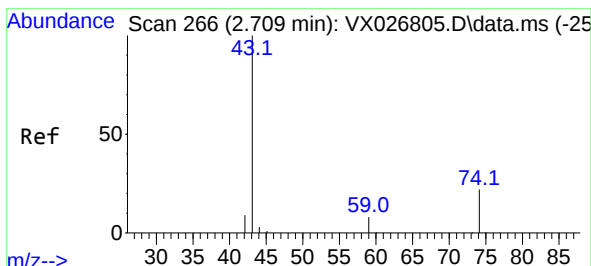
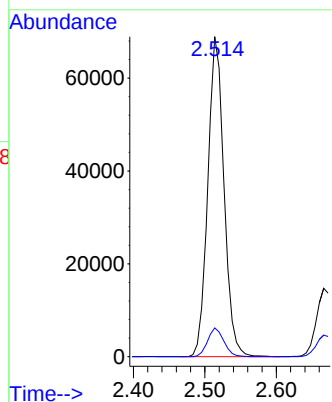
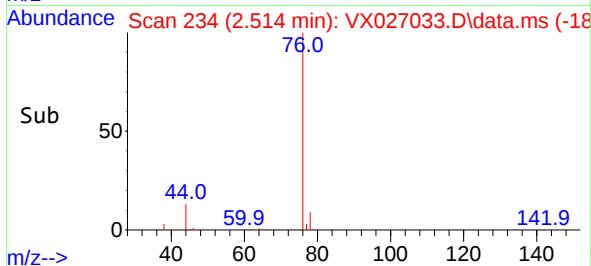
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



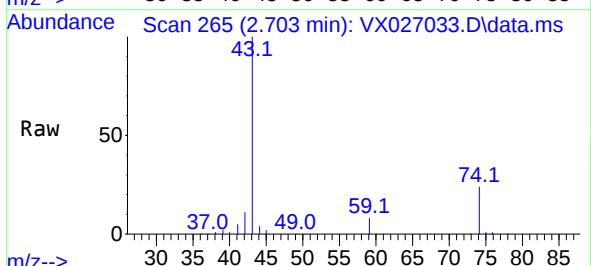
Tgt Ion: 76 Resp: 108339
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3

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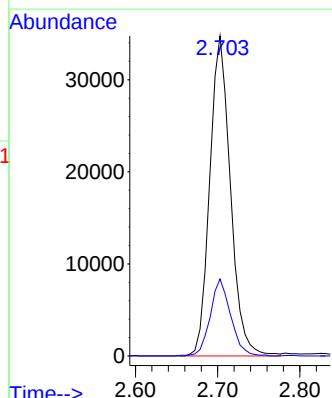
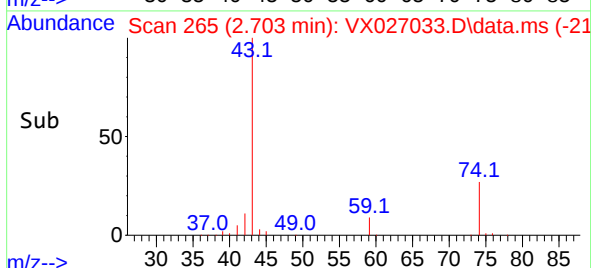
Reviewed By :John Carlone 02/16/2022
Supervised By :Mahesh Dadoda 02/21/2022

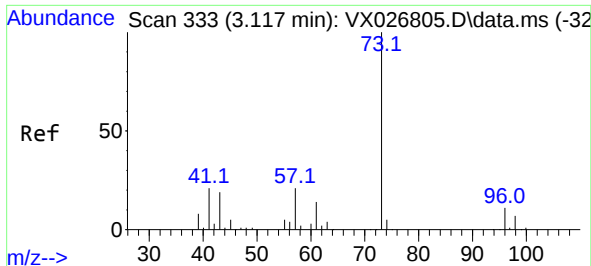


#18
Methyl Acetate
Concen: 42.897 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX027033.D
Acq: 15 Feb 2022 16:20



Tgt Ion: 43 Resp: 60767
Ion Ratio Lower Upper
43 100
74 23.7 18.3 27.5





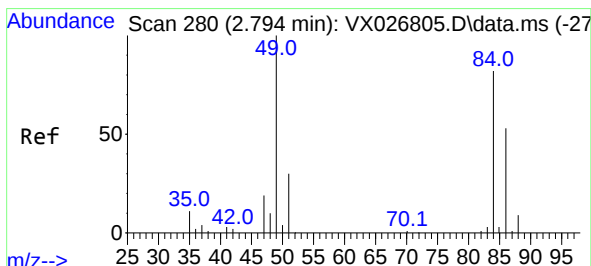
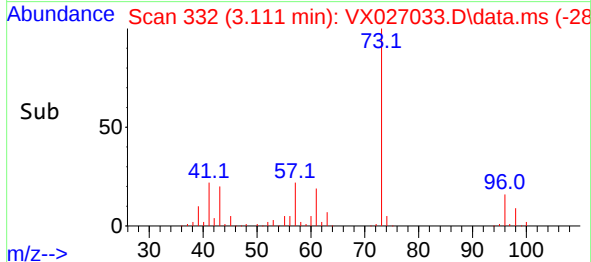
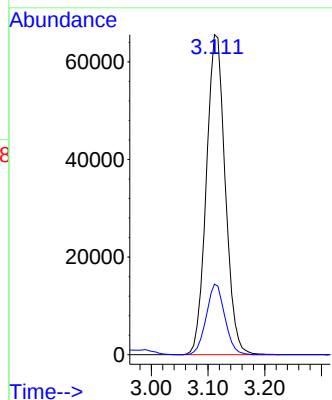
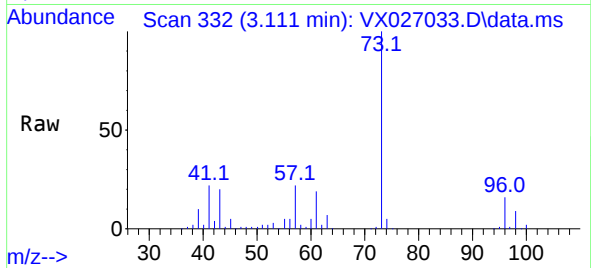
#19
Methyl tert-butyl Ether
Concen: 44.893 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX027033.D
Acq: 15 Feb 2022 16:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 15186
Ion Ratio Lower Upper
73 100
57 22.1 17.4 26.2

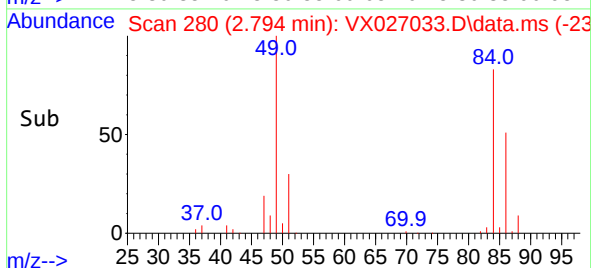
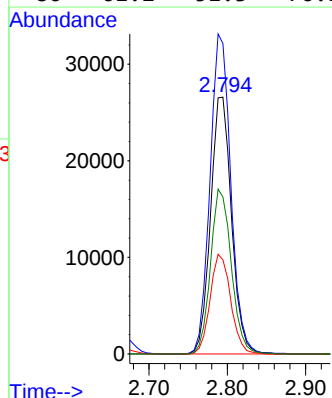
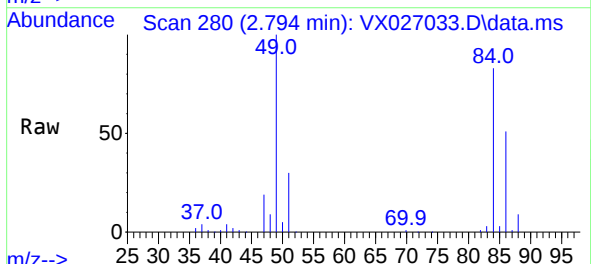
Manual Integrations
APPROVED

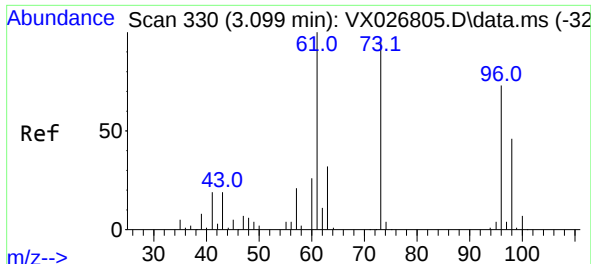
Reviewed By :John Carlone 02/16/2022
Supervised By :Mahesh Dadoda 02/21/2022



#20
Methylene Chloride
Concen: 46.373 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX027033.D
Acq: 15 Feb 2022 16:20

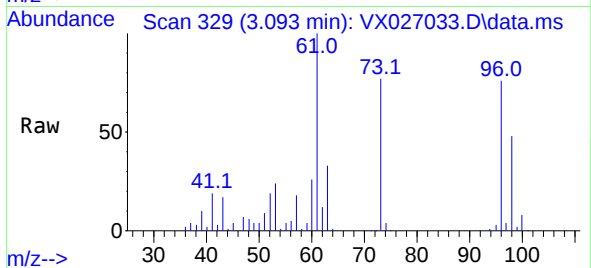
Tgt Ion: 84 Resp: 49471
Ion Ratio Lower Upper
84 100
49 120.9 101.5 152.3
51 36.6 31.2 46.8
86 61.2 51.3 76.9





#21
trans-1,2-Dichloroethene
Concen: 47.176 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX027033.D
Acq: 15 Feb 2022 16:20

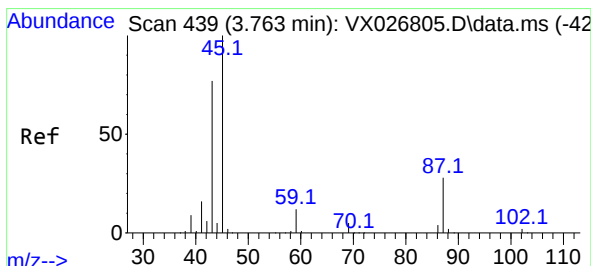
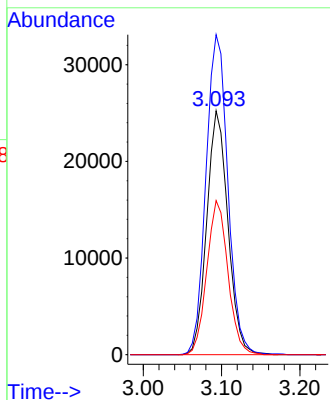
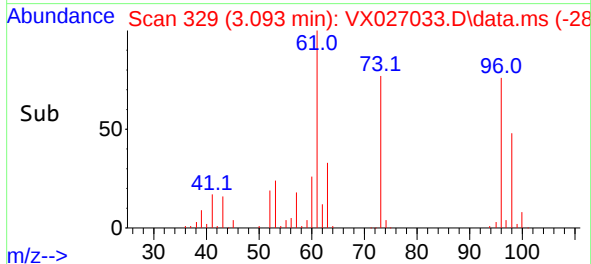
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



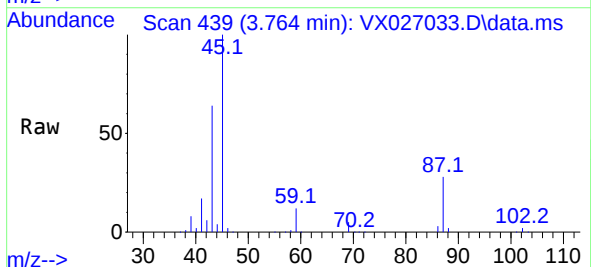
Tgt Ion: 96 Resp: 4744
Ion Ratio Lower Upper
96 100
61 131.3 112.9 169.3
98 63.2 49.5 74.3

Manual Integrations
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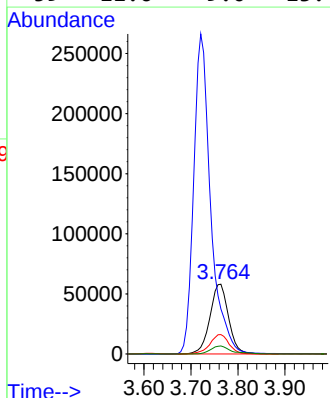
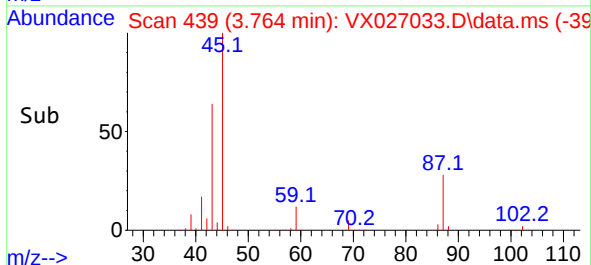
Reviewed By :John Carlone 02/16/2022
Supervised By :Mahesh Dadoda 02/21/2022

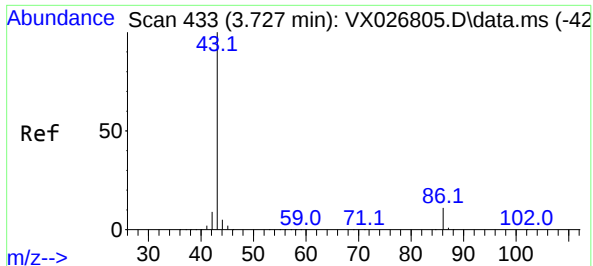


#22
Diisopropyl ether
Concen: 46.704 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX027033.D
Acq: 15 Feb 2022 16:20



Tgt Ion: 45 Resp: 159179
Ion Ratio Lower Upper
45 100
43 63.9 60.6 91.0
87 27.8 22.0 33.0
59 11.6 9.0 13.4





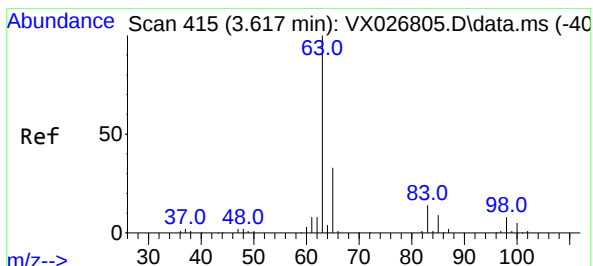
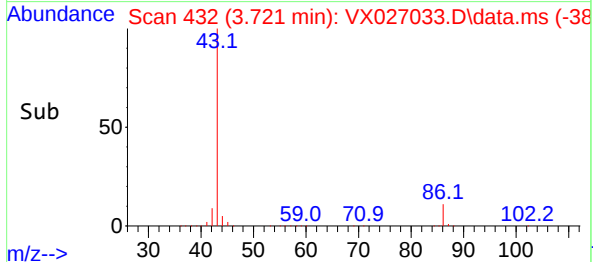
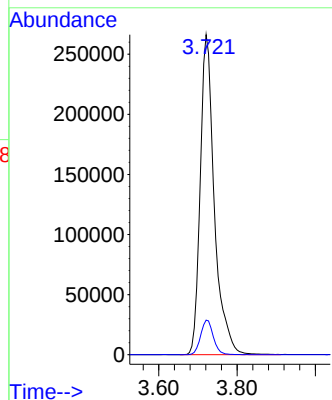
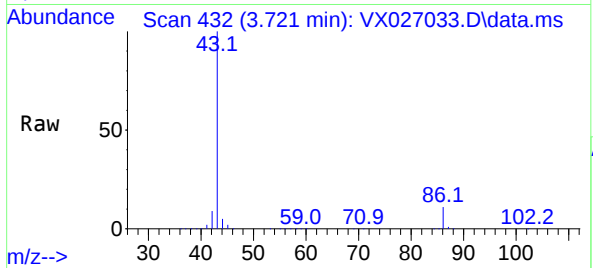
#23
 Vinyl Acetate
 Concen: 233.662 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX027033.D
 Acq: 15 Feb 2022 16:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 669574
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.1 12.1

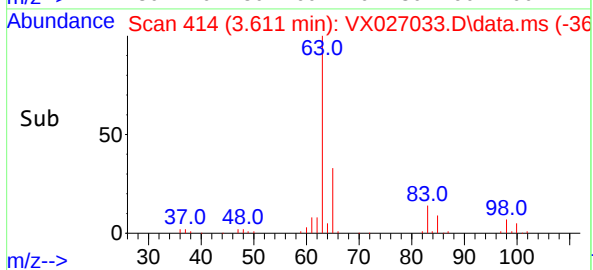
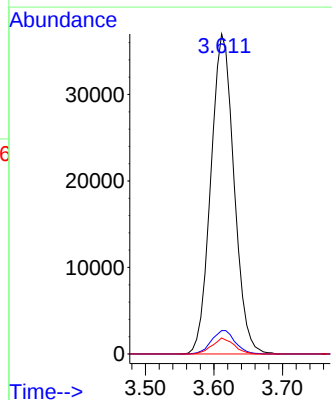
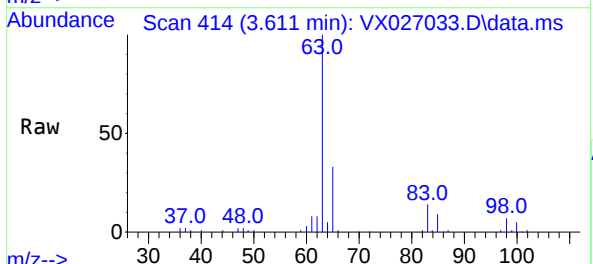
Manual Integrations
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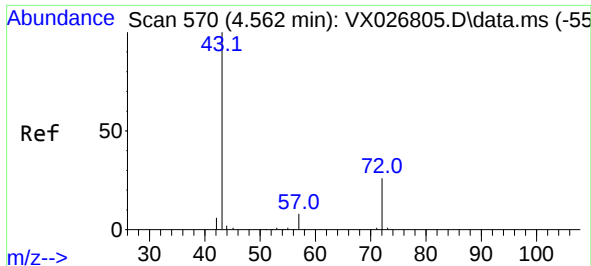
Reviewed By :John Carlone 02/16/2022
 Supervised By :Mahesh Dadoda 02/21/2022



#24
 1,1-Dichloroethane
 Concen: 47.156 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.006 min
 Lab File: VX027033.D
 Acq: 15 Feb 2022 16:20

Tgt Ion: 63 Resp: 86968
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.7 11.1
 100 5.0 2.4 7.2





#25

2-Butanone

Concen: 231.964 ug/l

RT: 4.550 min Scan# 5

Delta R.T. -0.012 min

Lab File: VX027033.D

Acq: 15 Feb 2022 16:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 184004

Ion Ratio Lower Upper

43 100

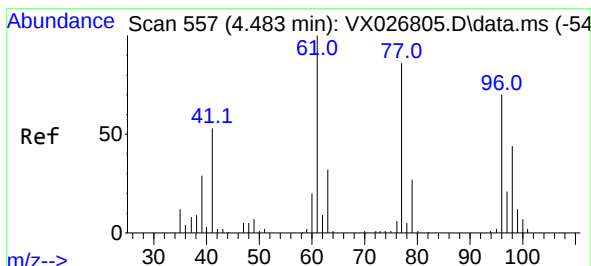
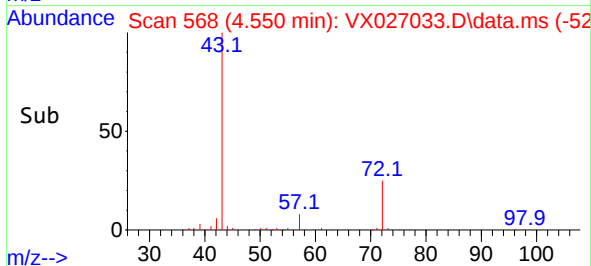
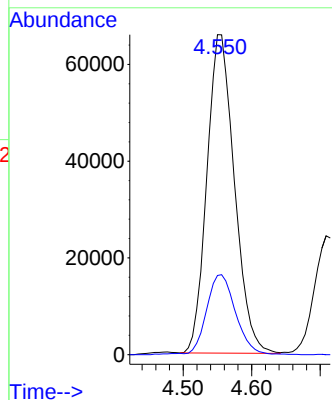
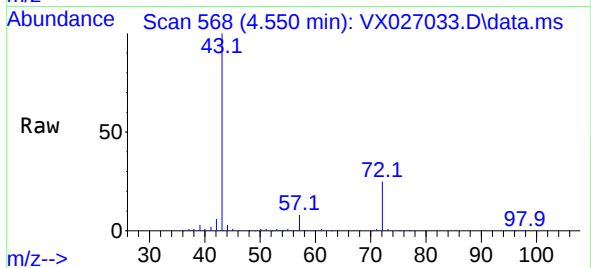
72 24.7 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/16/2022

Supervised By :Mahesh Dadoda 02/21/2022



#26

2,2-Dichloropropane

Concen: 50.107 ug/l

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX027033.D

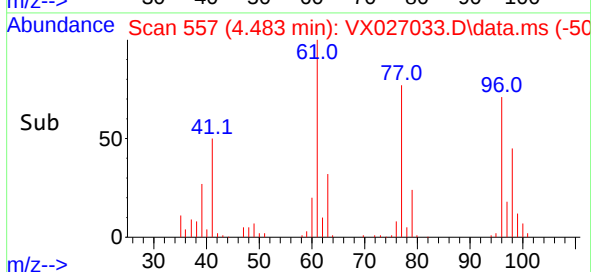
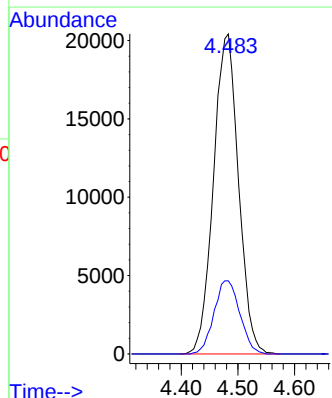
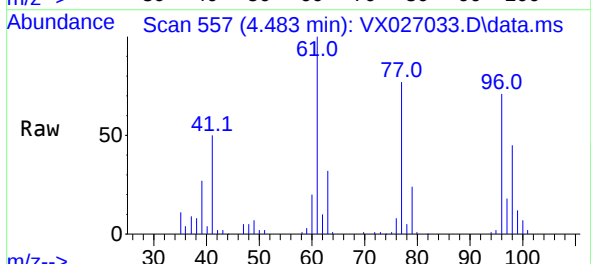
Acq: 15 Feb 2022 16:20

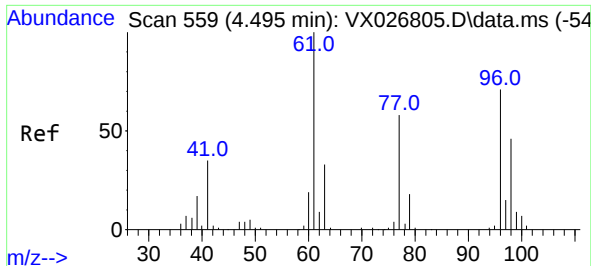
Tgt Ion: 77 Resp: 62438

Ion Ratio Lower Upper

77 100

97 23.7 11.0 33.0





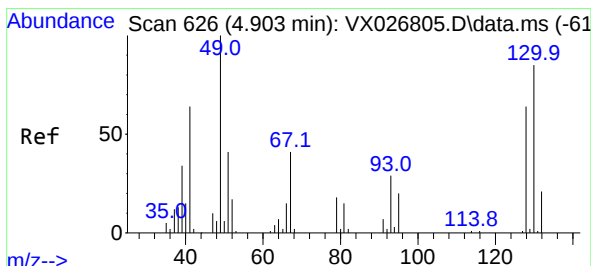
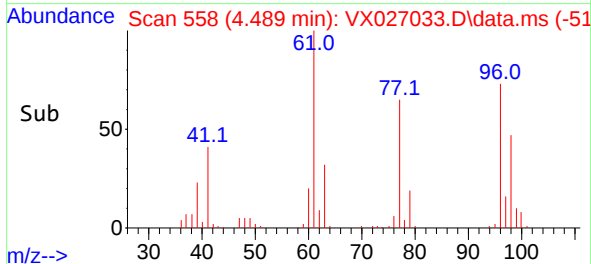
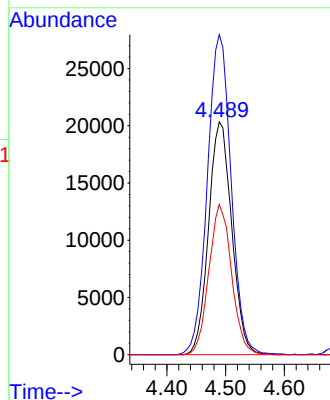
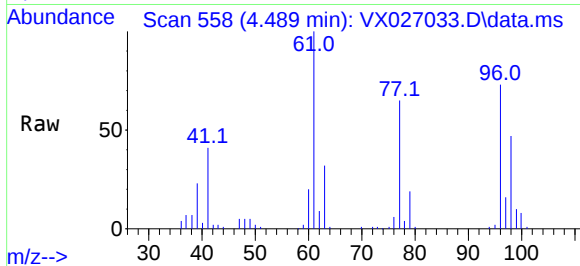
#27
cis-1,2-Dichloroethene
Concen: 48.304 ug/l
RT: 4.489 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX027033.D
Acq: 15 Feb 2022 16:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 55770
Ion Ratio Lower Upper
96 100
61 141.2 0.0 296.6
98 63.2 0.0 128.8

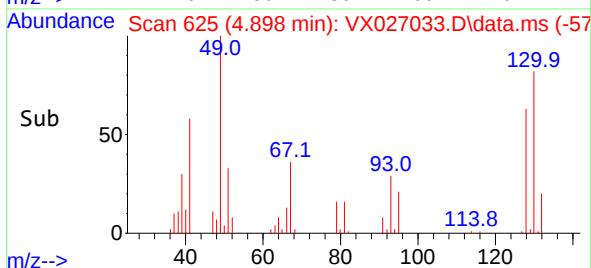
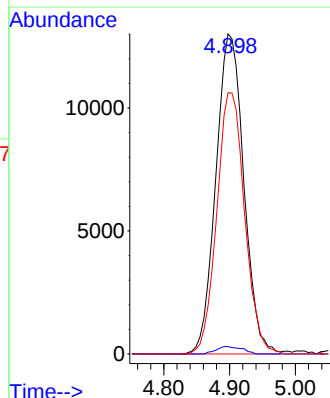
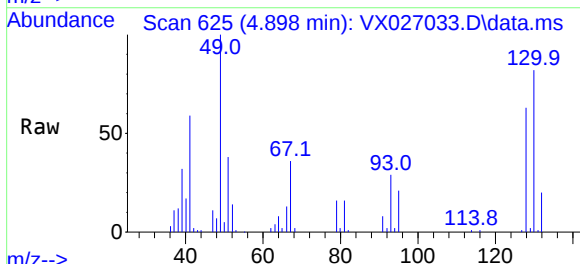
Manual Integrations
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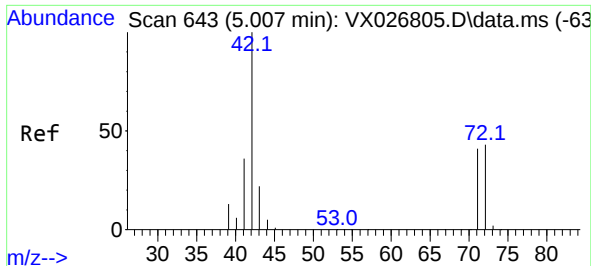
Reviewed By :John Carlone 02/16/2022
Supervised By :Mahesh Dadoda 02/21/2022



#28
Bromochloromethane
Concen: 50.309 ug/l
RT: 4.898 min Scan# 625
Delta R.T. -0.006 min
Lab File: VX027033.D
Acq: 15 Feb 2022 16:20

Tgt Ion: 49 Resp: 38461
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.2
130 81.3 62.4 93.6





#29

Tetrahydrofuran

Concen: 221.977 ug/l

RT: 5.001 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX027033.D

Acq: 15 Feb 2022 16:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 11970

Ion Ratio Lower Upper

42 100

72 44.6 34.6 52.0

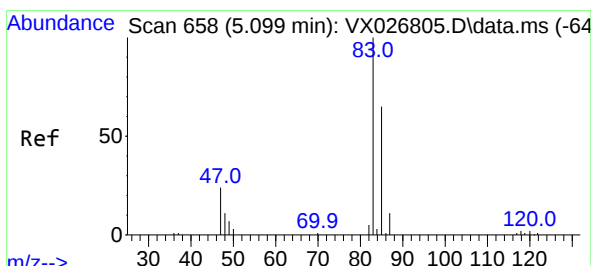
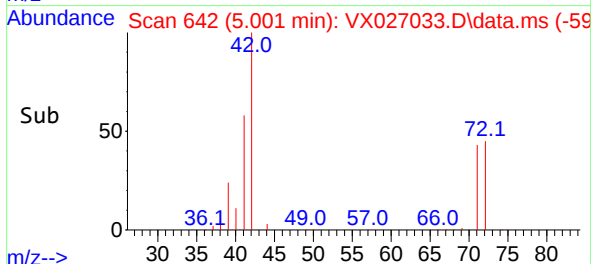
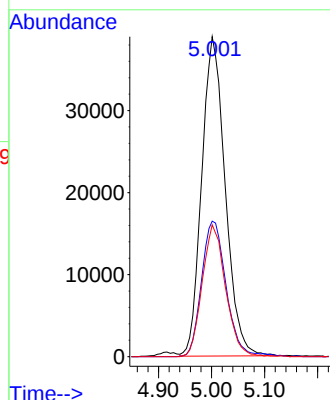
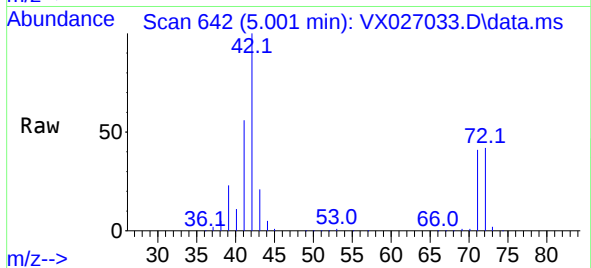
71 41.0 31.8 47.8

Manual Integrations

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Reviewed By :John Carlone 02/16/2022

Supervised By :Mahesh Dadoda 02/21/2022



#30

Chloroform

Concen: 46.595 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.006 min

Lab File: VX027033.D

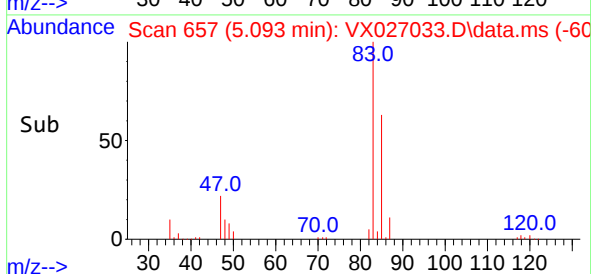
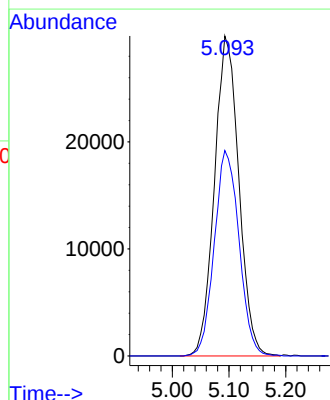
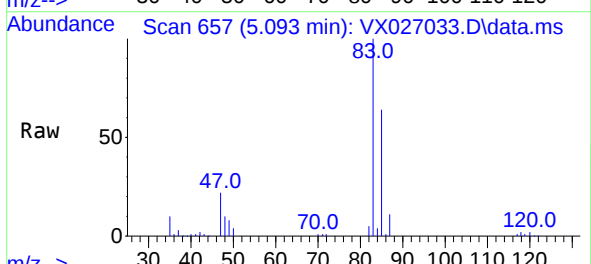
Acq: 15 Feb 2022 16:20

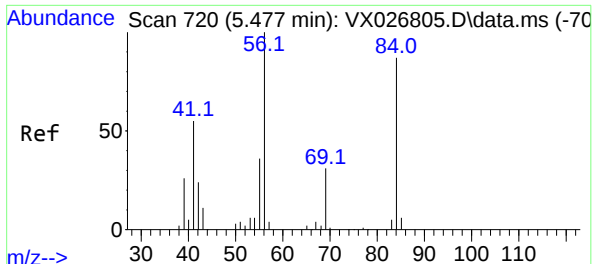
Tgt Ion: 83 Resp: 89284

Ion Ratio Lower Upper

83 100

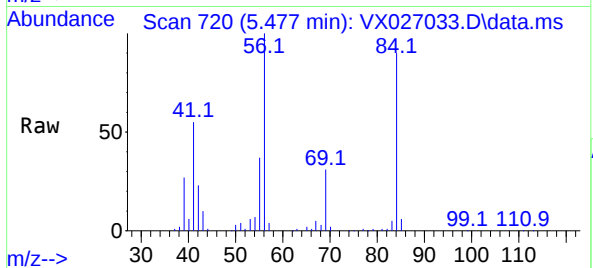
85 64.2 51.6 77.4





#31
Cyclohexane
Concen: 45.671 ug/l
RT: 5.477 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX027033.D
Acq: 15 Feb 2022 16:20

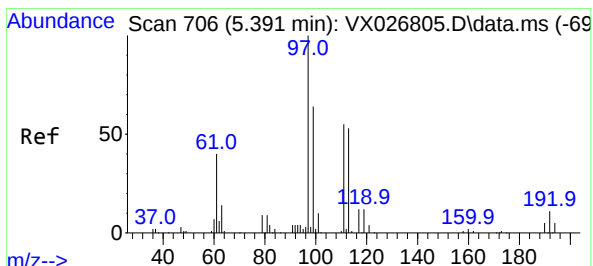
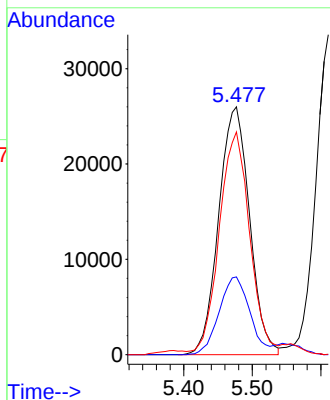
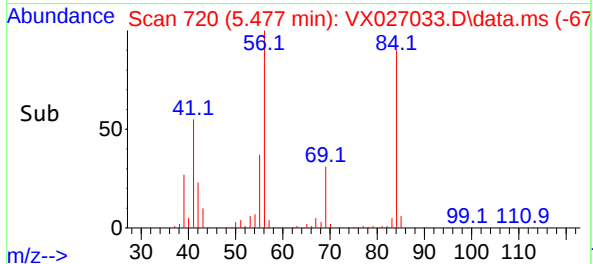
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



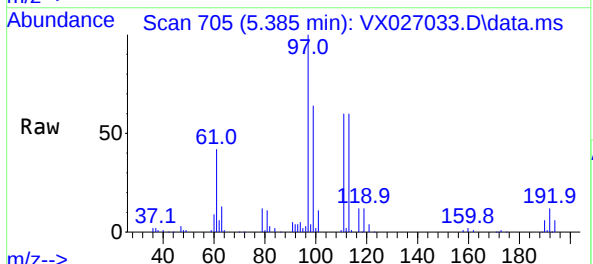
Tgt Ion: 56 Resp: 81348
Ion Ratio Lower Upper
56 100
69 31.4 25.8 38.6
84 88.4 68.9 103.3

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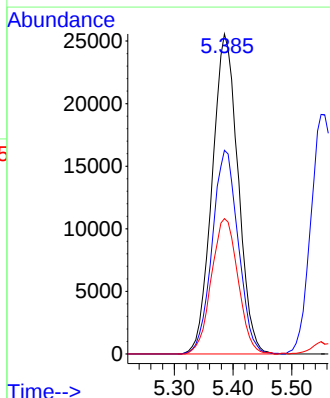
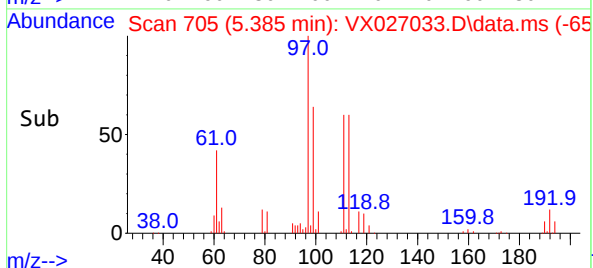
Reviewed By :John Carlone 02/16/2022
Supervised By :Mahesh Dadoda 02/21/2022

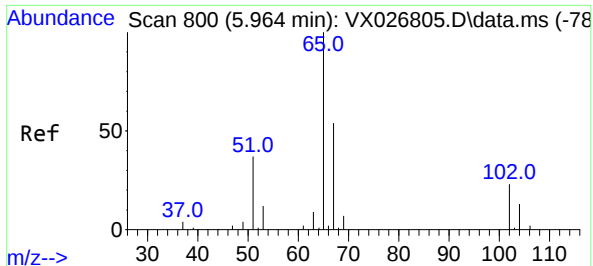


#32
1,1,1-Trichloroethane
Concen: 46.235 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX027033.D
Acq: 15 Feb 2022 16:20



Tgt Ion: 97 Resp: 78109
Ion Ratio Lower Upper
97 100
99 64.1 51.3 76.9
61 43.6 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 50.477 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX027033.D

Acq: 15 Feb 2022 16:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 56584

Ion Ratio Lower Upper

65 100

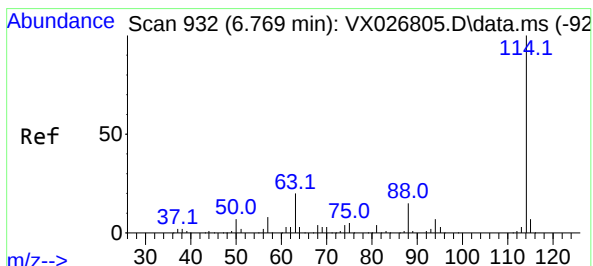
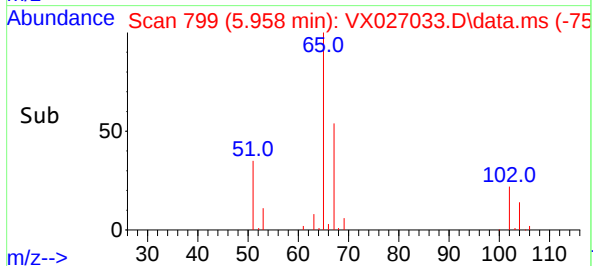
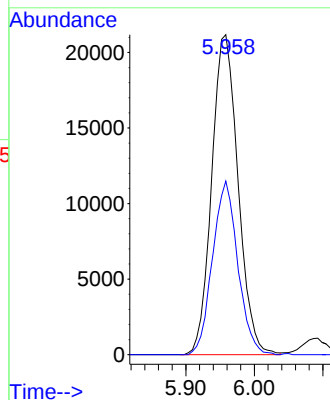
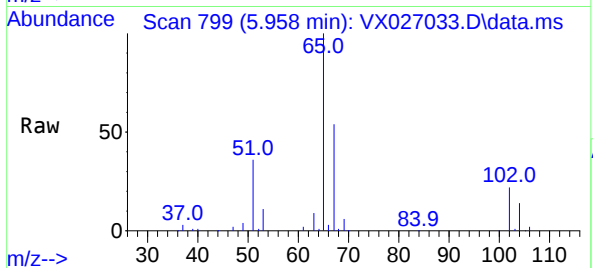
67 51.9 0.0 100.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/16/2022

Supervised By :Mahesh Dadoda 02/21/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX027033.D

Acq: 15 Feb 2022 16:20

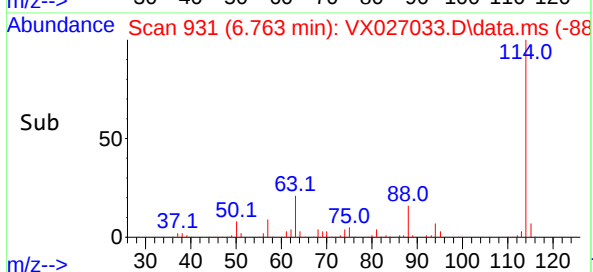
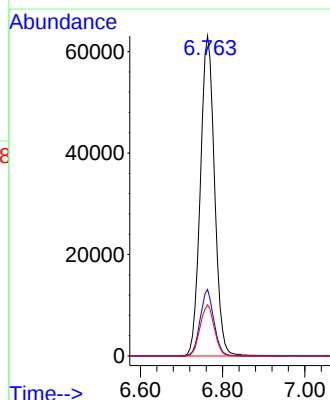
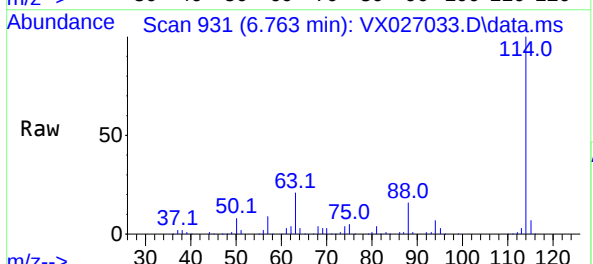
Tgt Ion:114 Resp: 150745

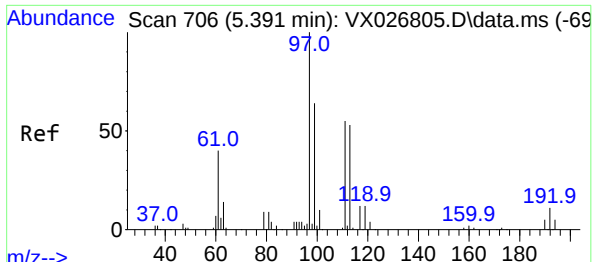
Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.8

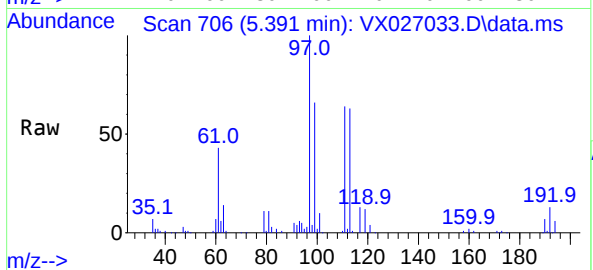
88 15.9 0.0 33.0





#35
Dibromofluoromethane
Concen: 50.370 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027033.D
Acq: 15 Feb 2022 16:20

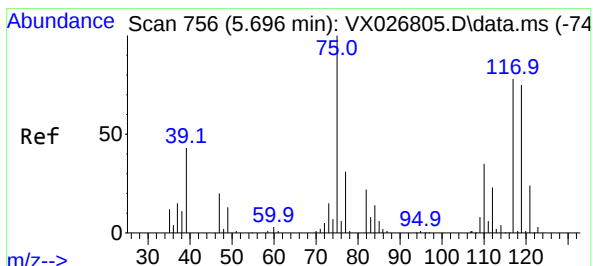
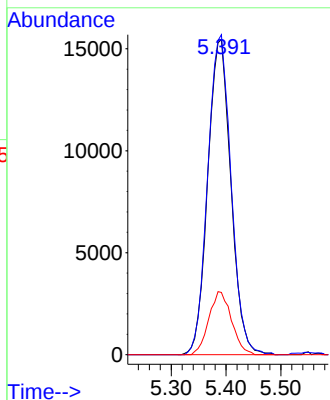
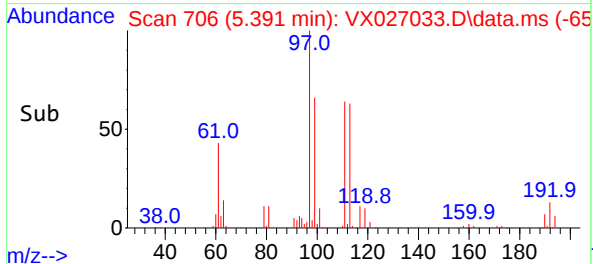
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



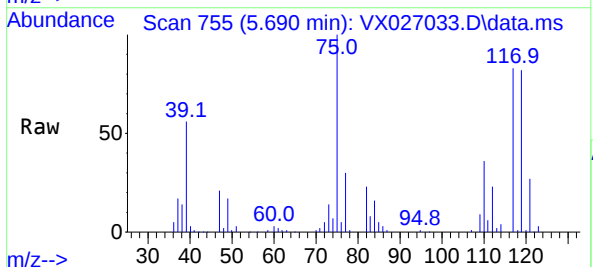
Tgt Ion:113 Resp: 45238
Ion Ratio Lower Upper
113 100
111 102.4 81.2 121.8
192 19.6 15.0 22.4

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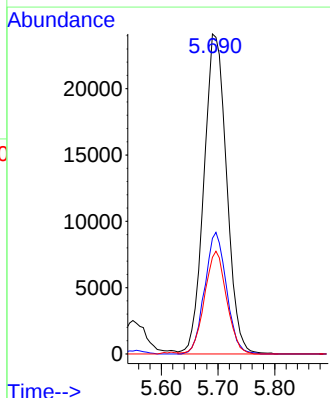
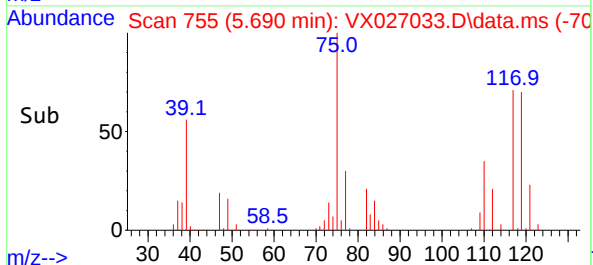
Reviewed By :John Carlone 02/16/2022
Supervised By :Mahesh Dadoda 02/21/2022

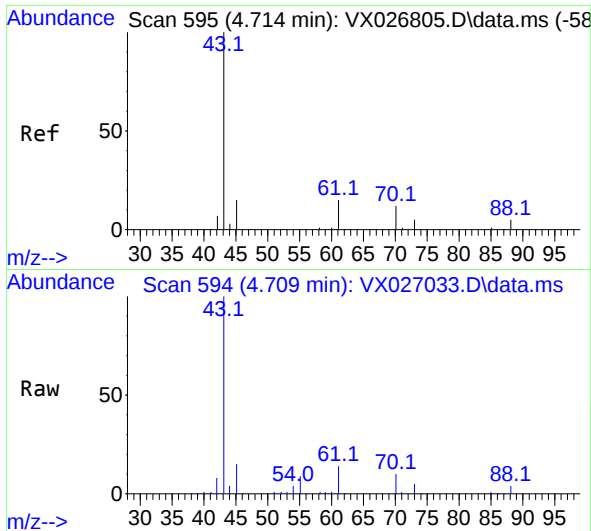


#36
1,1-Dichloropropene
Concen: 47.369 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX027033.D
Acq: 15 Feb 2022 16:20



Tgt Ion: 75 Resp: 67114
Ion Ratio Lower Upper
75 100
110 36.3 17.2 51.6
77 31.2 24.6 36.8





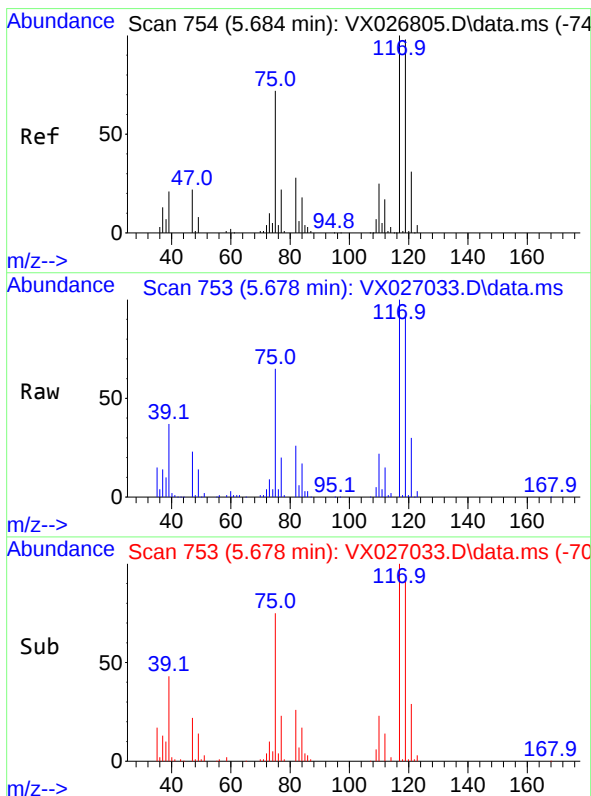
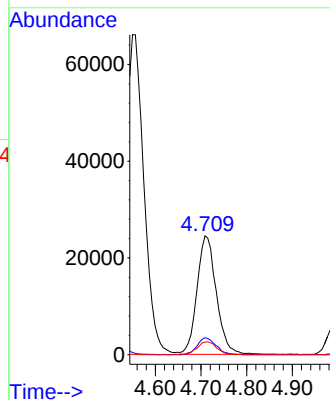
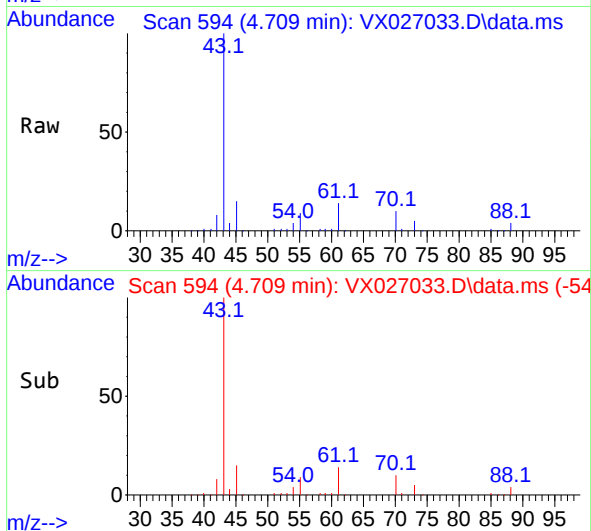
#37
Ethyl Acetate
Concen: 44.548 ug/l
RT: 4.709 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX027033.D
Acq: 15 Feb 2022 16:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 71729
Ion Ratio Lower Upper
43 100
61 14.1 10.6 16.0
70 10.9 8.5 12.7

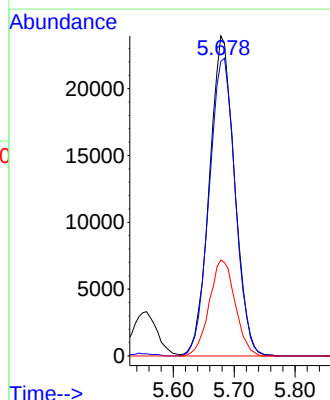
Manual Integrations
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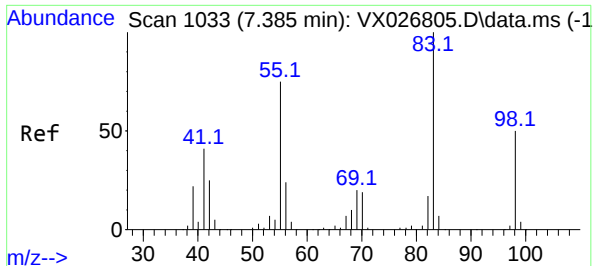
Reviewed By :John Carlone 02/16/2022
Supervised By :Mahesh Dadoda 02/21/2022



#38
Carbon Tetrachloride
Concen: 46.338 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX027033.D
Acq: 15 Feb 2022 16:20

Tgt Ion:117 Resp: 68847
Ion Ratio Lower Upper
117 100
119 92.0 74.7 112.1
121 30.0 25.4 38.0





#39

Methylcyclohexane

Concen: 48.255 ug/l

RT: 7.379 min Scan# 1033

Delta R.T. -0.006 min

Lab File: VX027033.D

Acq: 15 Feb 2022 16:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 8384

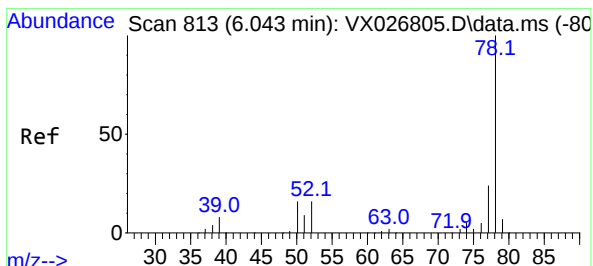
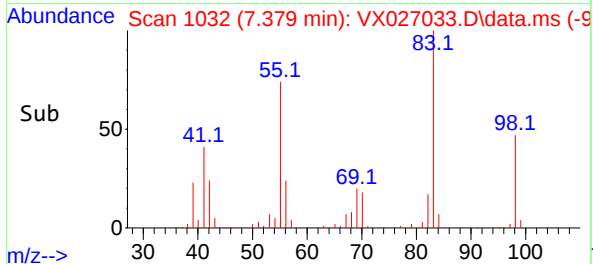
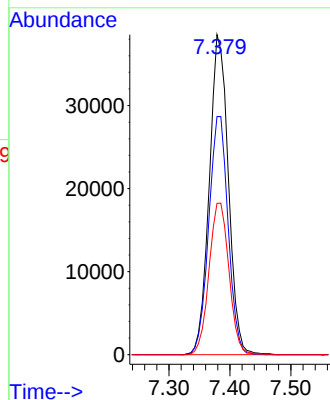
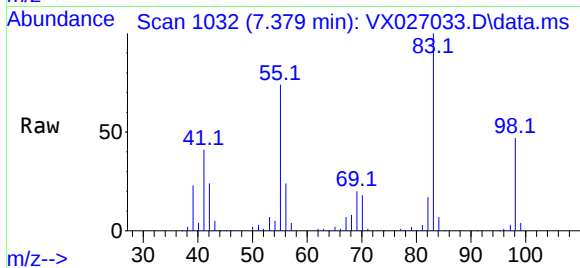
Ion	Ratio	Lower	Upper
83	100		
55	74.4	63.6	95.4
98	47.3	38.4	57.6

Manual Integrations

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Reviewed By :John Carlone 02/16/2022

Supervised By :Mahesh Dadoda 02/21/2022



#40

Benzene

Concen: 47.160 ug/l

RT: 6.038 min Scan# 812

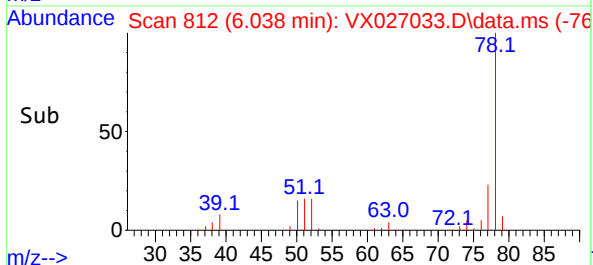
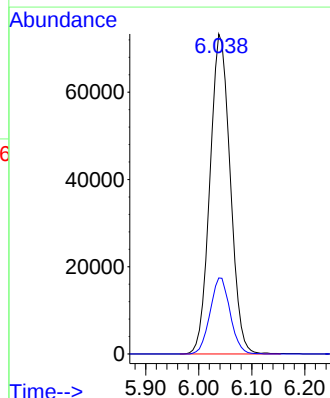
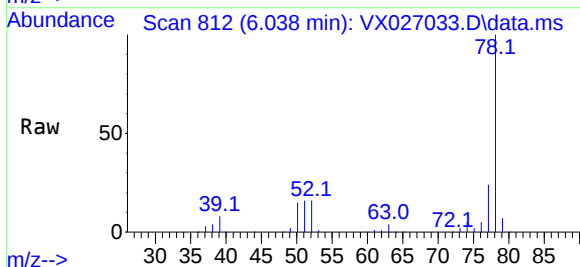
Delta R.T. -0.006 min

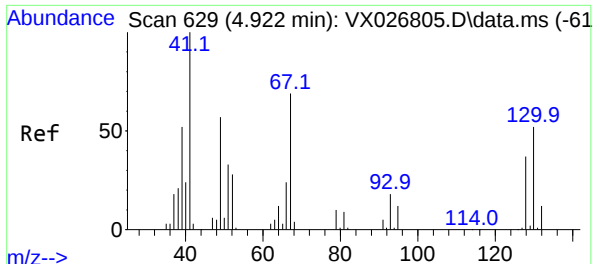
Lab File: VX027033.D

Acq: 15 Feb 2022 16:20

Tgt Ion: 78 Resp: 194738

Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.9	28.3





#41
Methacrylonitrile
Concen: 46.499 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX027033.D
Acq: 15 Feb 2022 16:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

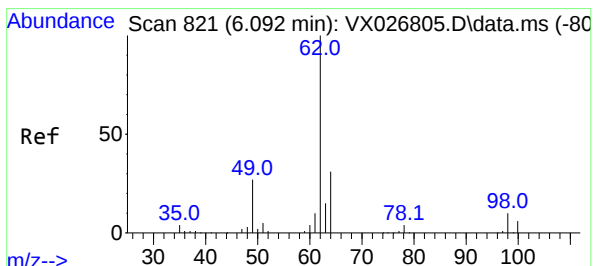
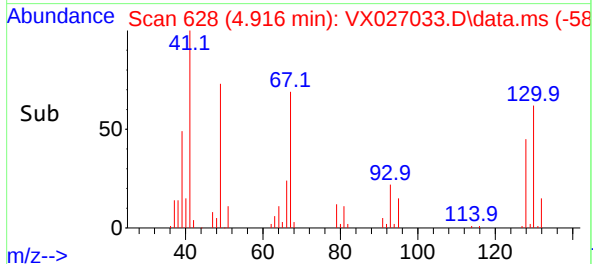
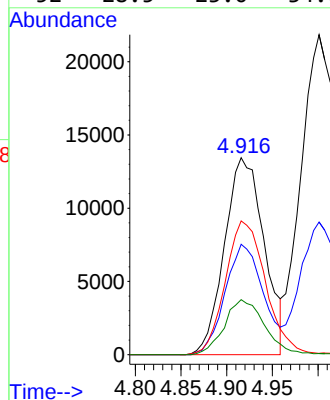
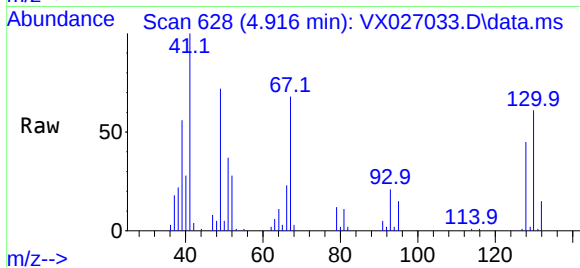
Tgt Ion: 41 Resp: 40579
Ion Ratio Lower Upper
41 100
39 54.1 45.4 68.0
67 69.2 53.2 79.8
52 28.5 23.0 34.6

Manual Integrations

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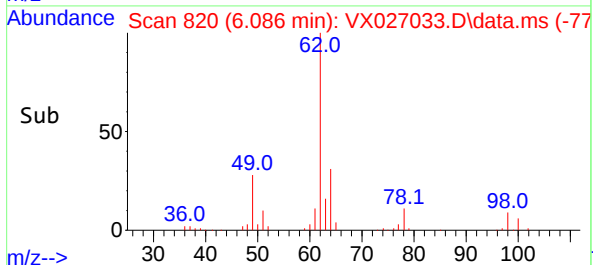
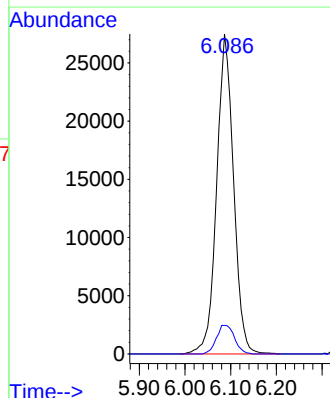
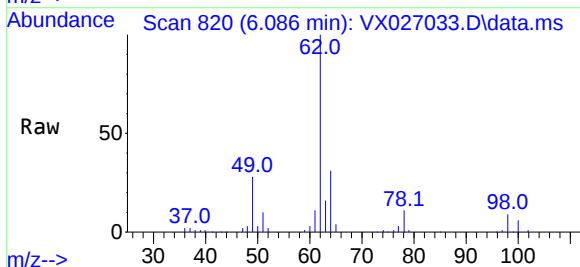
Reviewed By :John Carlone 02/16/2022

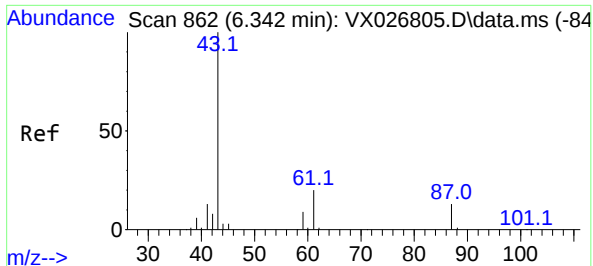
Supervised By :Mahesh Dadoda 02/21/2022



#42
1,2-Dichloroethane
Concen: 48.639 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX027033.D
Acq: 15 Feb 2022 16:20

Tgt Ion: 62 Resp: 70774
Ion Ratio Lower Upper
62 100
98 9.6 0.0 17.8





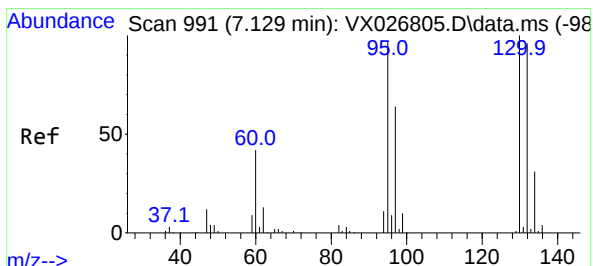
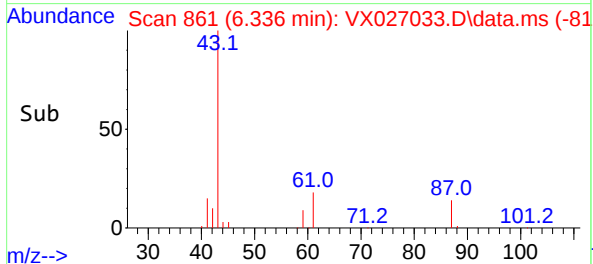
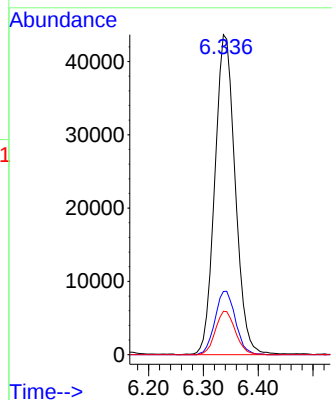
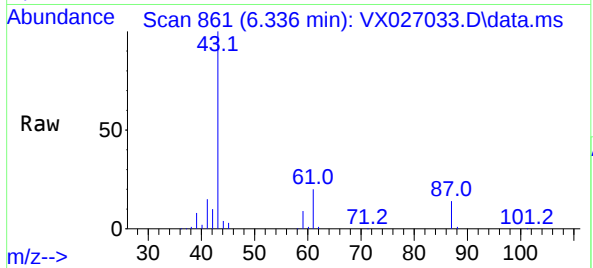
#43
Isopropyl Acetate
Concen: 45.545 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX027033.D
Acq: 15 Feb 2022 16:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 112834
Ion Ratio Lower Upper
43 100
61 19.9 15.4 23.0
87 13.3 10.2 15.2

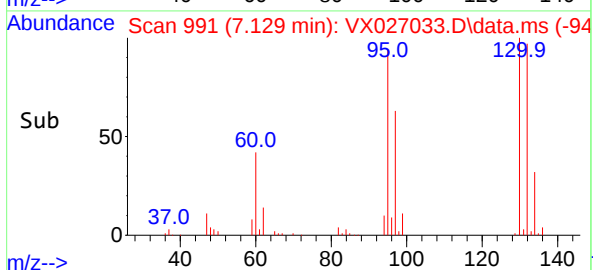
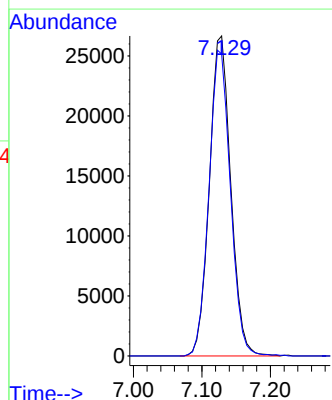
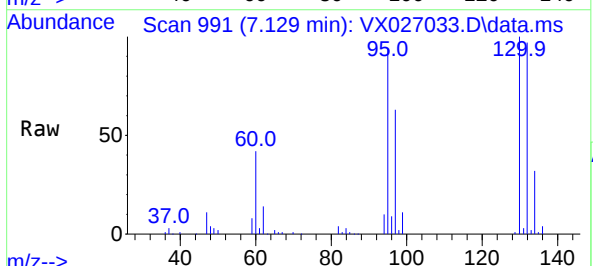
Manual Integrations
APPROVED

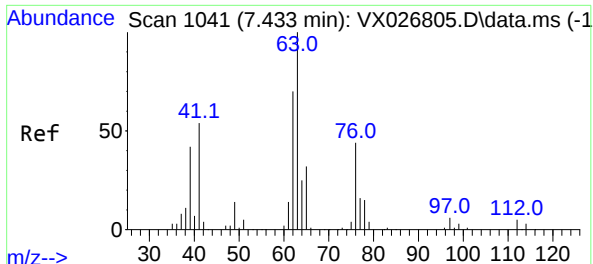
Reviewed By :John Carlone 02/16/2022
Supervised By :Mahesh Dadoda 02/21/2022



#44
Trichloroethene
Concen: 46.664 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX027033.D
Acq: 15 Feb 2022 16:20

Tgt Ion:130 Resp: 57857
Ion Ratio Lower Upper
130 100
95 94.4 0.0 202.6





#45

1,2-Dichloropropane

Concen: 47.743 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX027033.D

Acq: 15 Feb 2022 16:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 49880

Ion Ratio Lower Upper

63 100

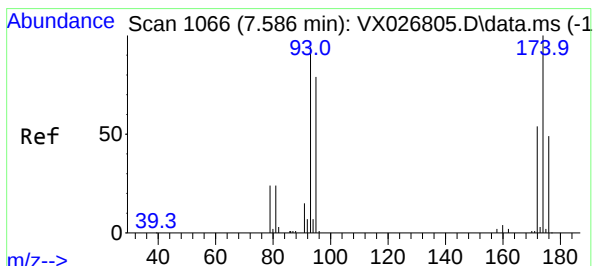
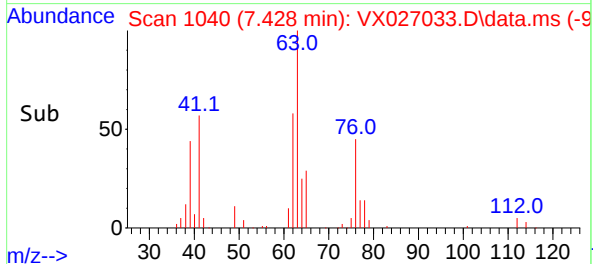
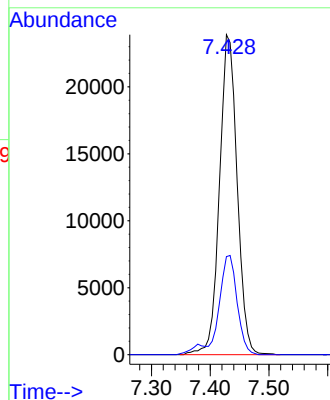
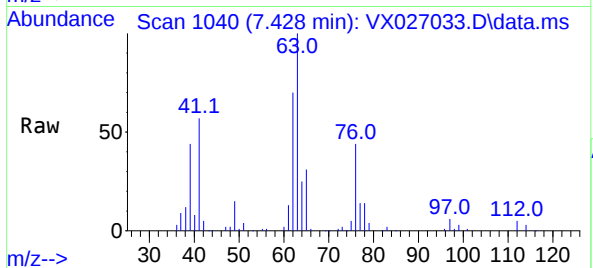
65 30.7 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/16/2022

Supervised By :Mahesh Dadoda 02/21/2022



#46

Dibromomethane

Concen: 48.022 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX027033.D

Acq: 15 Feb 2022 16:20

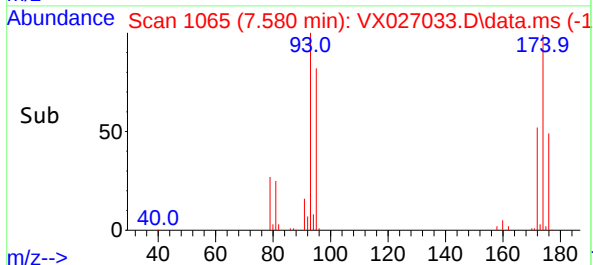
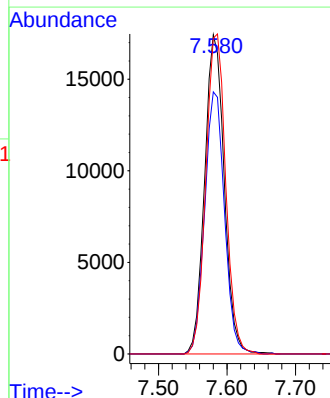
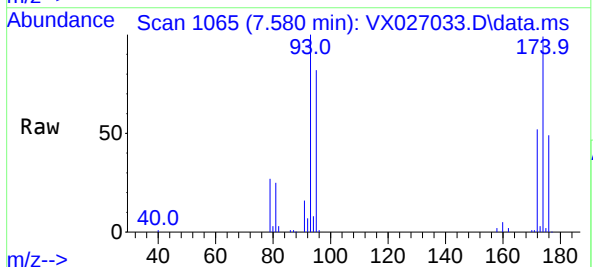
Tgt Ion: 93 Resp: 34716

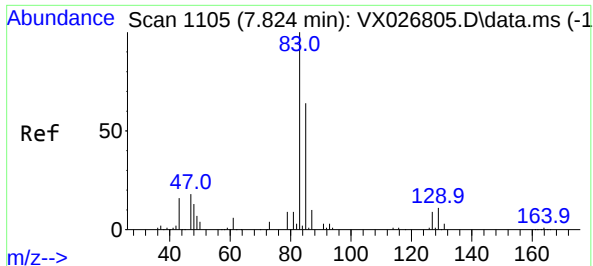
Ion Ratio Lower Upper

93 100

95 82.9 66.1 99.1

174 101.5 78.7 118.1





#47
Bromodichloromethane
Concen: 49.826 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX027033.D
Acq: 15 Feb 2022 16:20

Instrument :

MSVOA_X

ClientSampleId :

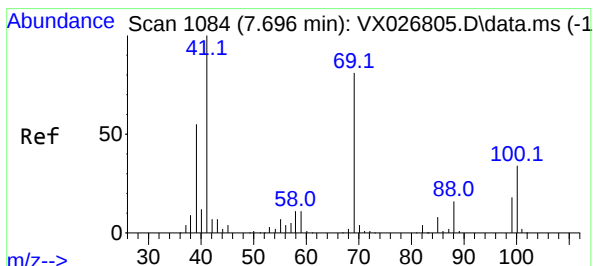
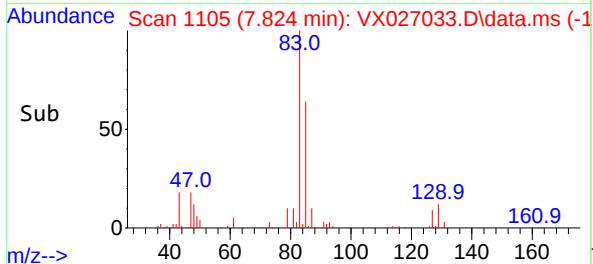
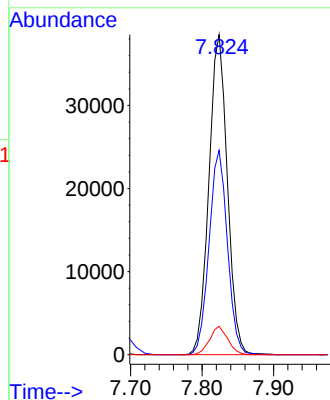
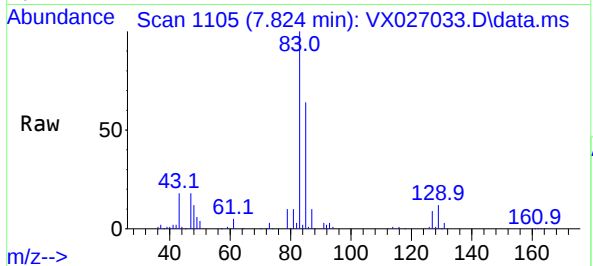
VSTDCCC050

Tgt Ion: 83 Resp: 68979
Ion Ratio Lower Upper
83 100
85 63.9 51.4 77.0
127 8.9 6.9 10.3

Manual Integrations

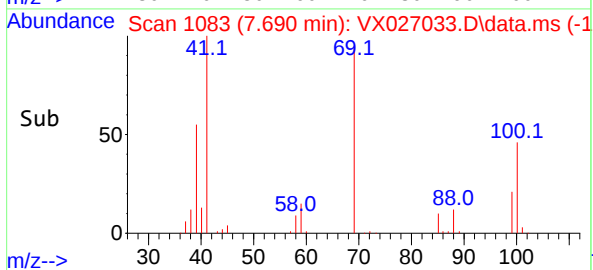
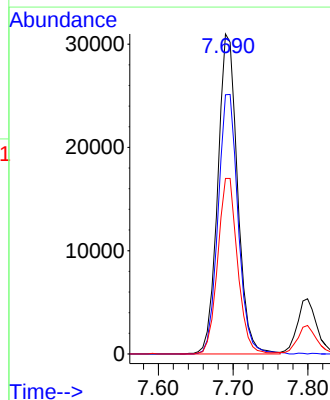
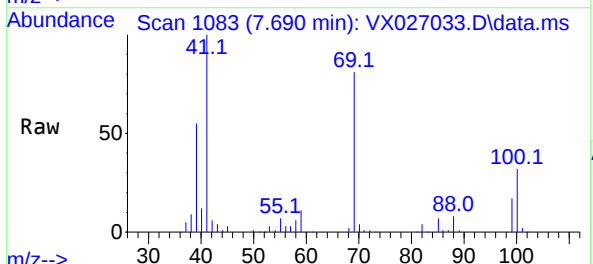
APPROVED

Reviewed By :John Carlone 02/16/2022
Supervised By :Mahesh Dadoda 02/21/2022



#48
Methyl methacrylate
Concen: 46.424 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX027033.D
Acq: 15 Feb 2022 16:20

Tgt Ion: 41 Resp: 56987
Ion Ratio Lower Upper
41 100
69 82.0 62.2 93.4
39 55.0 45.4 68.0





#49

1,4-Dioxane

Concen: 842.057 ug/l

RT: 7.665 min Scan# 1081

Delta R.T. -0.012 min

Lab File: VX027033.D

Acq: 15 Feb 2022 16:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 1781

Ion Ratio Lower Upper

88 100

43 34.6 29.9 44.9

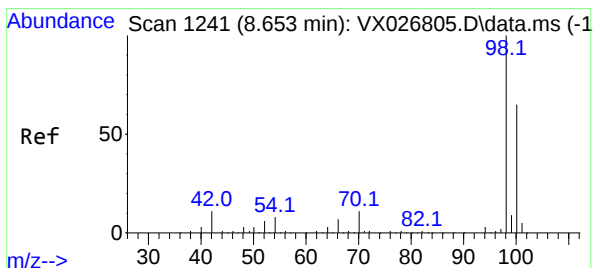
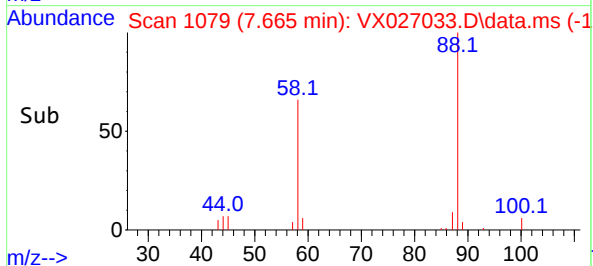
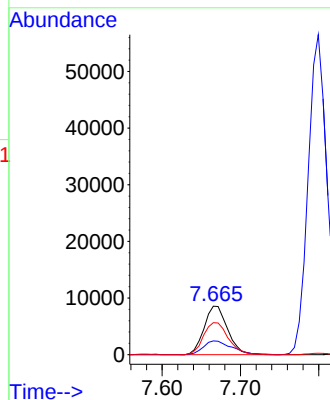
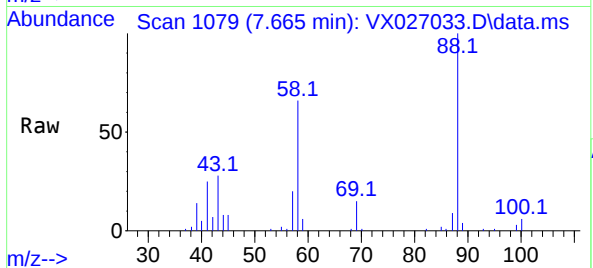
58 69.9 57.8 86.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/16/2022

Supervised By :Mahesh Dadoda 02/21/2022



#50

Toluene-d8

Concen: 51.457 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX027033.D

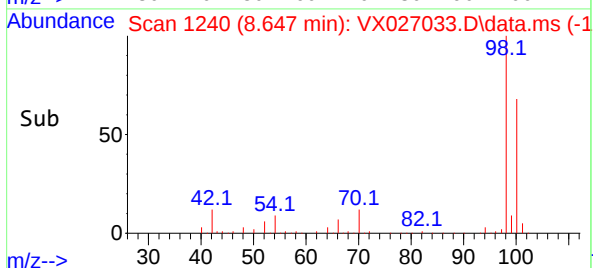
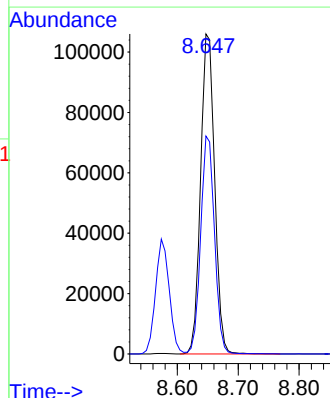
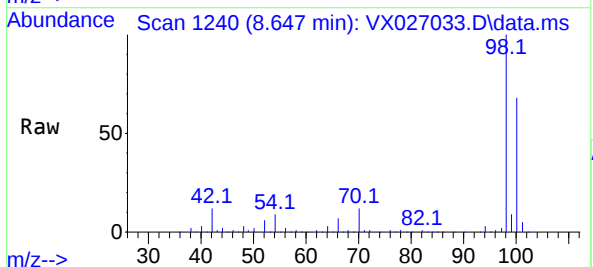
Acq: 15 Feb 2022 16:20

Tgt Ion: 98 Resp: 169637

Ion Ratio Lower Upper

98 100

100 67.2 53.2 79.8





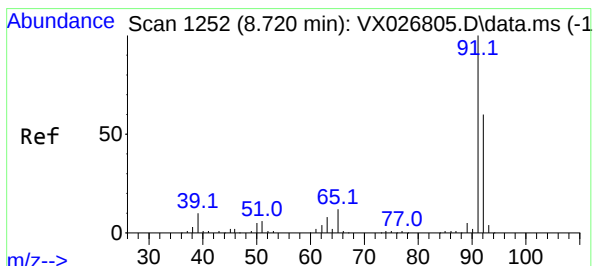
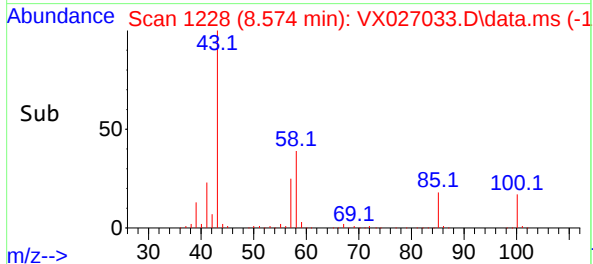
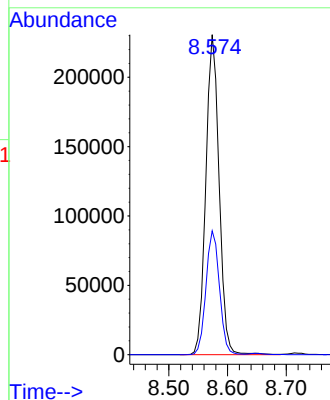
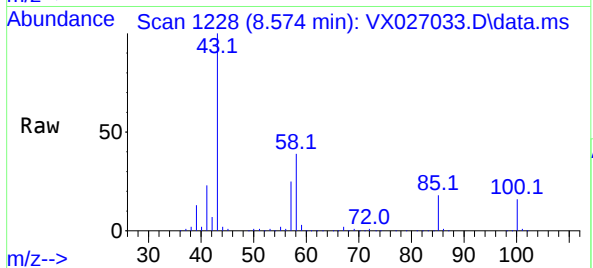
#51
4-Methyl-2-Pentanone
Concen: 241.607 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX027033.D
Acq: 15 Feb 2022 16:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 36272
Ion Ratio Lower Upper
43 100
58 39.2 30.5 45.7

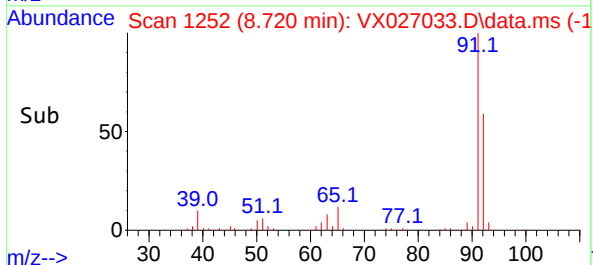
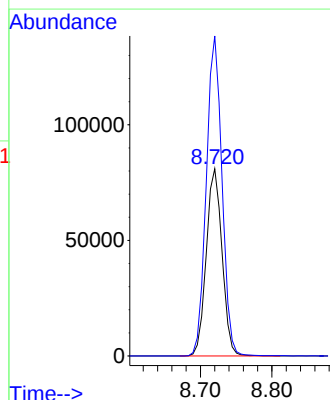
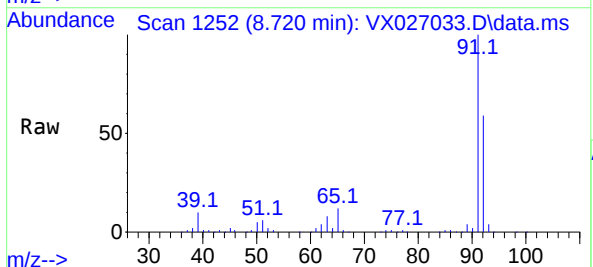
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/16/2022
Supervised By :Mahesh Dadoda 02/21/2022



#52
Toluene
Concen: 47.498 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX027033.D
Acq: 15 Feb 2022 16:20

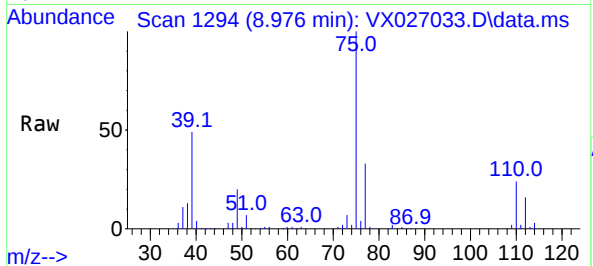
Tgt Ion: 92 Resp: 124177
Ion Ratio Lower Upper
92 100
91 169.9 135.7 203.5





#53
t-1,3-Dichloropropene
Concen: 45.853 ug/l
RT: 8.976 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VX027033.D
Acq: 15 Feb 2022 16:20

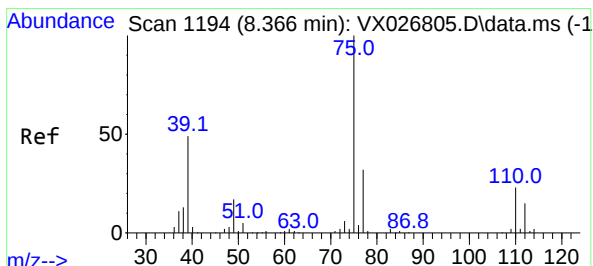
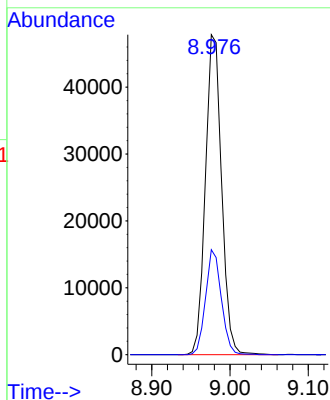
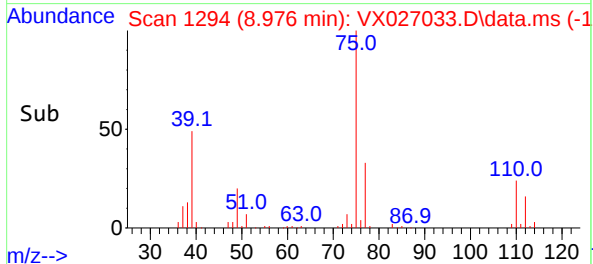
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



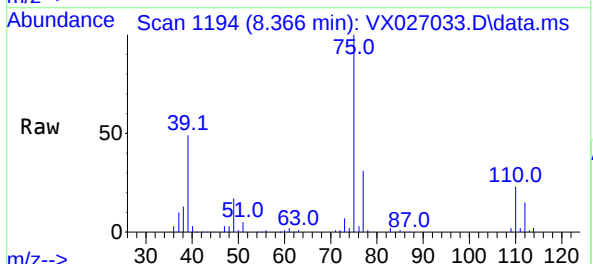
Tgt Ion: 75 Resp: 68540
Ion Ratio Lower Upper
75 100
77 32.8 25.7 38.5

Manual Integrations
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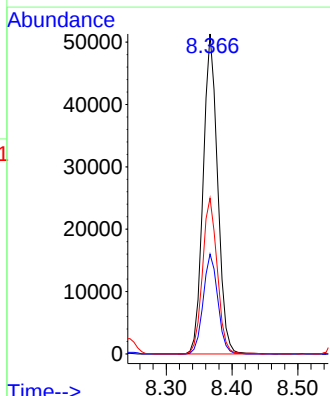
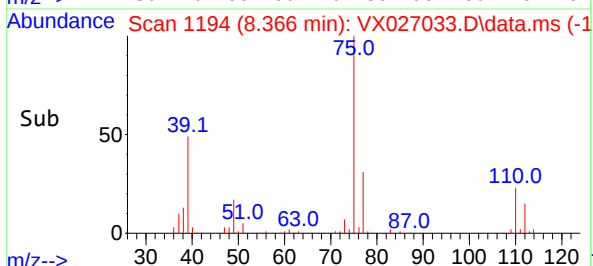
Reviewed By :John Carlone 02/16/2022
Supervised By :Mahesh Dadoda 02/21/2022

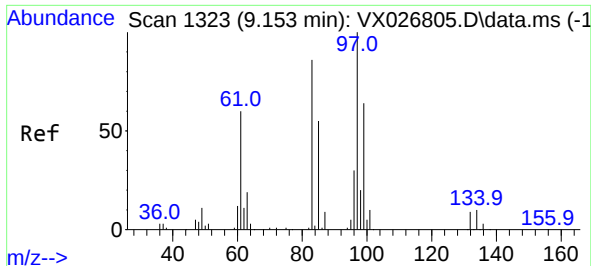


#54
cis-1,3-Dichloropropene
Concen: 51.411 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX027033.D
Acq: 15 Feb 2022 16:20



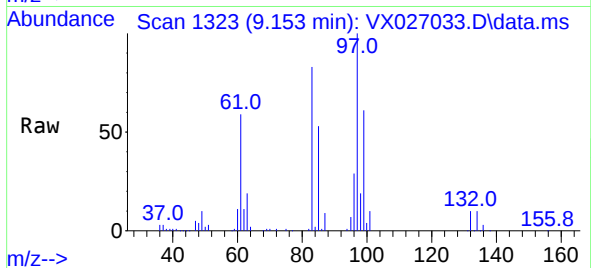
Tgt Ion: 75 Resp: 78592
Ion Ratio Lower Upper
75 100
77 31.2 26.2 39.2
39 48.7 43.5 65.3





#55
1,1,2-Trichloroethane
Concen: 51.001 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX027033.D
Acq: 15 Feb 2022 16:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

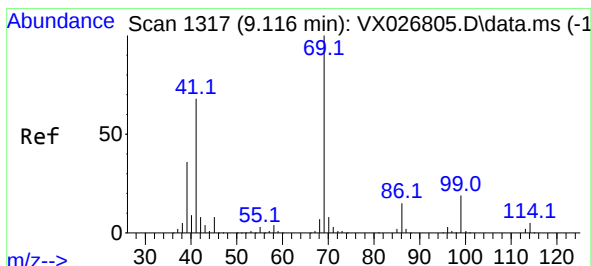
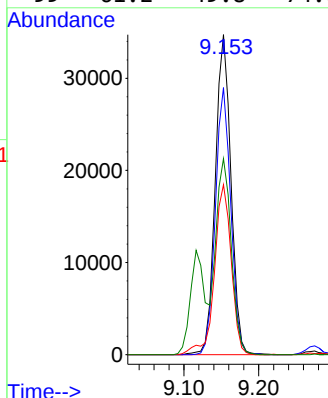
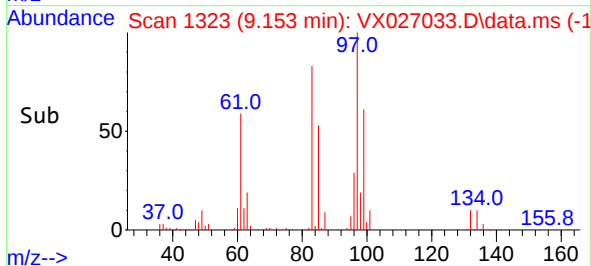


Tgt Ion: 97 Resp: 5047

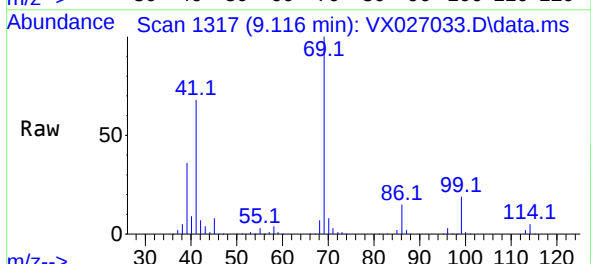
Ion	Ratio	Lower	Upper
97	100		
83	83.4	68.4	102.6
85	53.1	44.0	66.0
99	61.2	49.8	74.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/16/2022
Supervised By :Mahesh Dadoda 02/21/2022

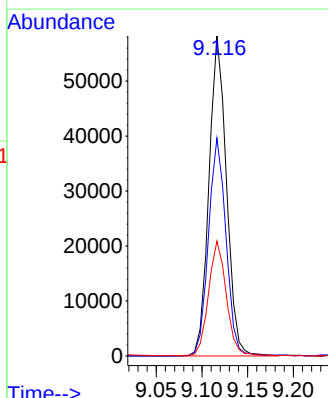
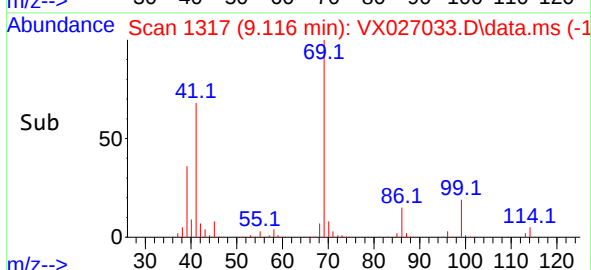


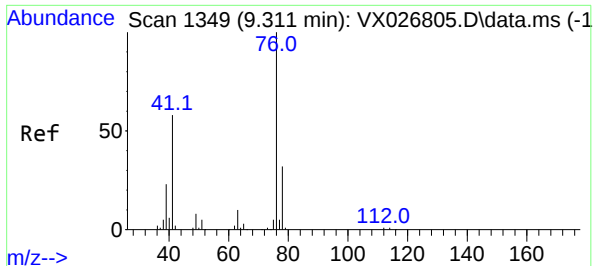
#56
Ethyl methacrylate
Concen: 49.287 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX027033.D
Acq: 15 Feb 2022 16:20



Tgt Ion: 69 Resp: 77325

Ion	Ratio	Lower	Upper
69	100		
41	68.2	57.2	85.8
39	36.8	30.9	46.3





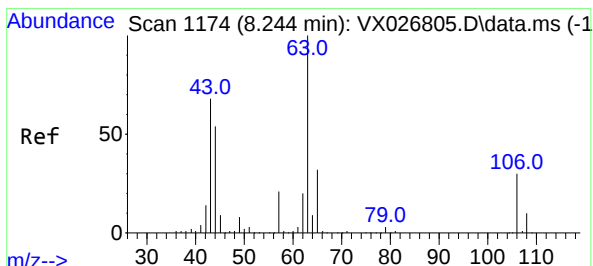
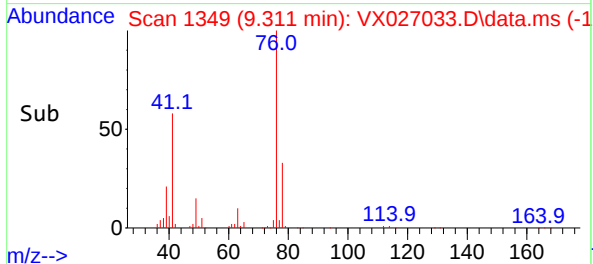
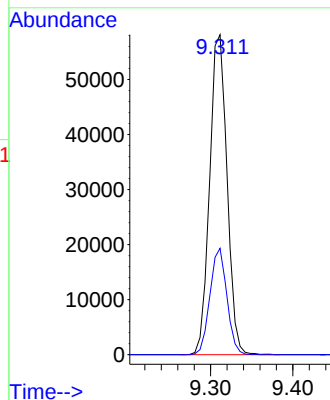
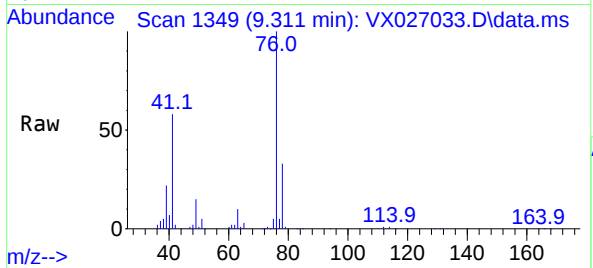
#57
1,3-Dichloropropane
Concen: 50.255 ug/l
RT: 9.311 min Scan# 1134
Delta R.T. 0.000 min
Lab File: VX027033.D
Acq: 15 Feb 2022 16:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 85412
Ion Ratio Lower Upper
76 100
78 32.4 25.7 38.5

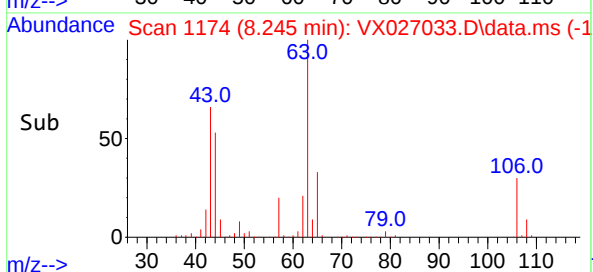
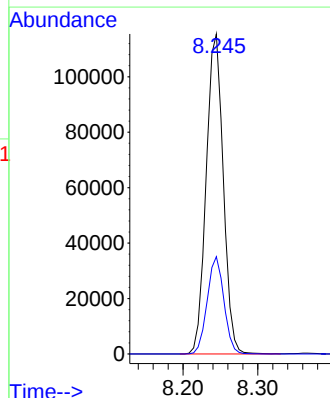
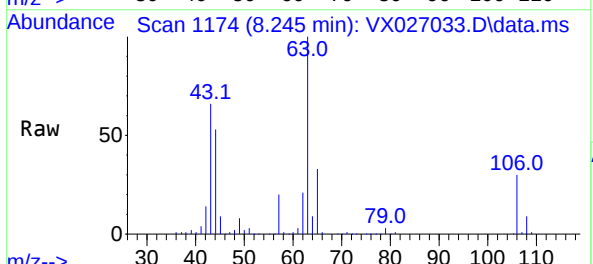
Manual Integrations
APPROVED

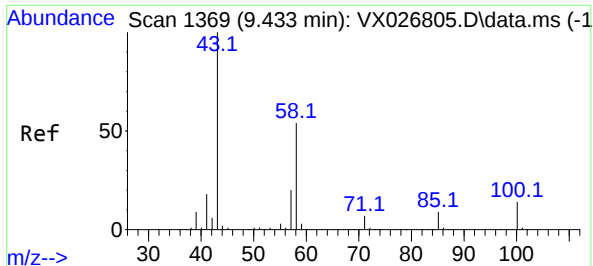
Reviewed By :John Carlone 02/16/2022
Supervised By :Mahesh Dadoda 02/21/2022



#58
2-Chloroethyl Vinyl ether
Concen: 227.377 ug/l
RT: 8.245 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX027033.D
Acq: 15 Feb 2022 16:20

Tgt Ion: 63 Resp: 183097
Ion Ratio Lower Upper
63 100
106 29.7 23.0 34.6





#59

2-Hexanone

Concen: 242.305 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX027033.D

Acq: 15 Feb 2022 16:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 266074

Ion Ratio Lower Upper

43 100

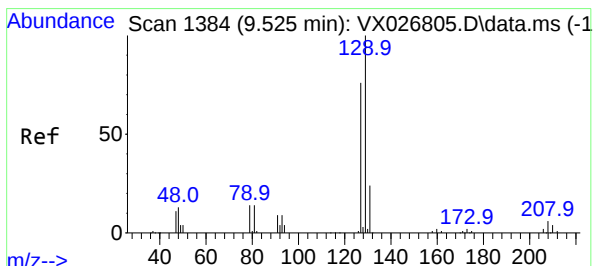
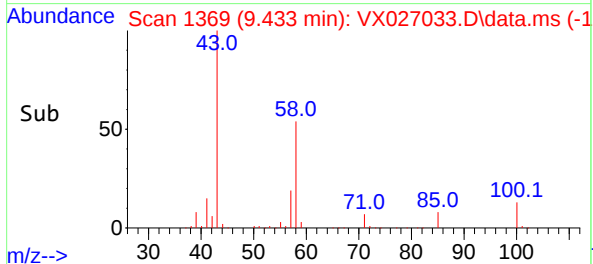
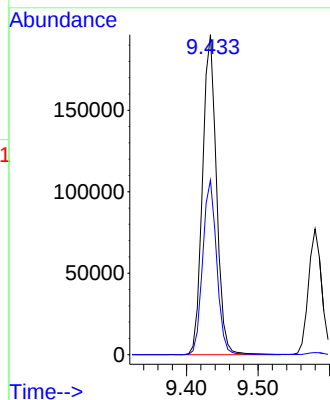
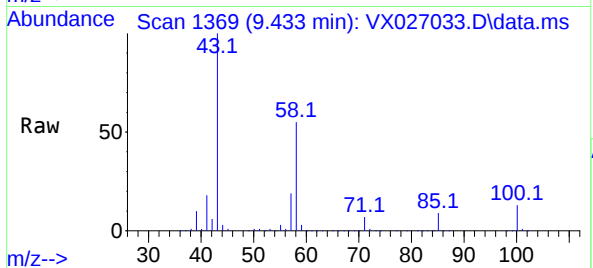
58 54.8 26.4 79.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/16/2022

Supervised By :Mahesh Dadoda 02/21/2022



#60

Dibromochloromethane

Concen: 51.330 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VX027033.D

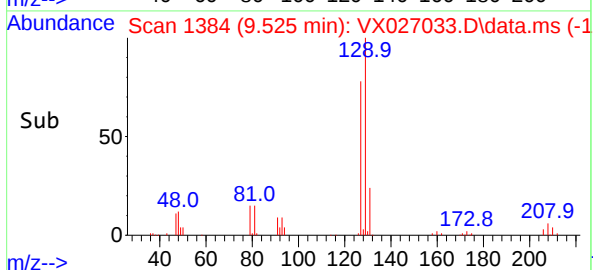
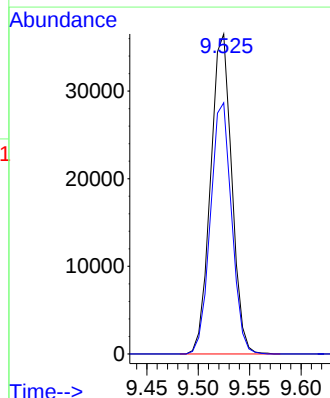
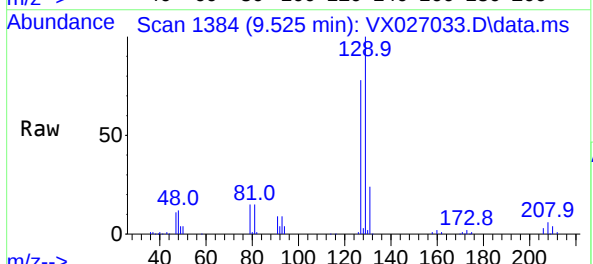
Acq: 15 Feb 2022 16:20

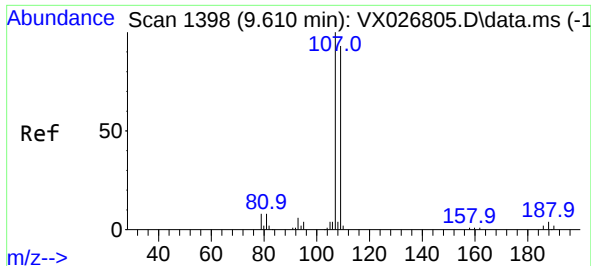
Tgt Ion:129 Resp: 52273

Ion Ratio Lower Upper

129 100

127 78.5 38.5 115.5





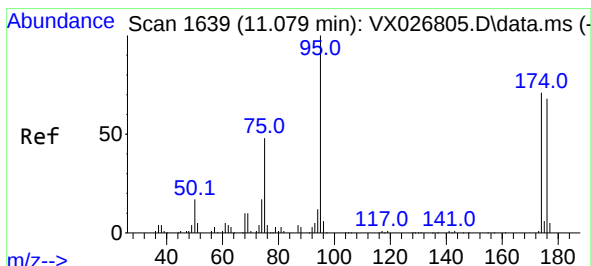
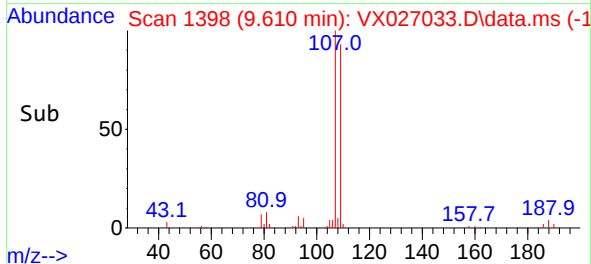
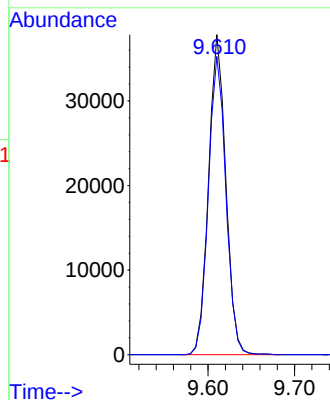
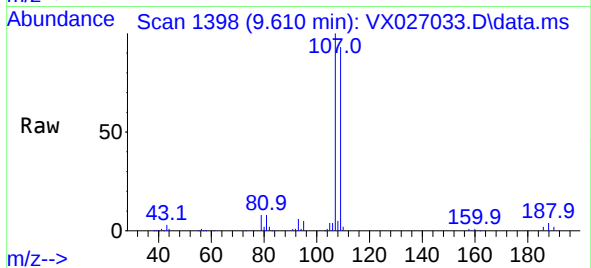
#61
1,2-Dibromoethane
Concen: 50.087 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX027033.D
Acq: 15 Feb 2022 16:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 52370
Ion Ratio Lower Upper
107 100
109 94.5 75.5 113.3

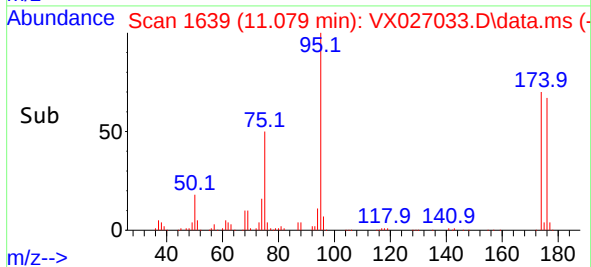
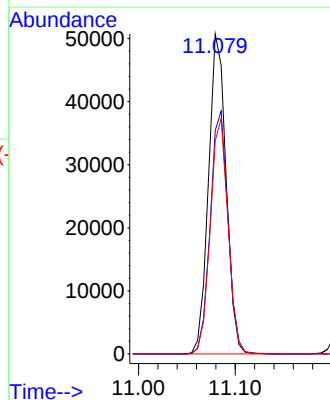
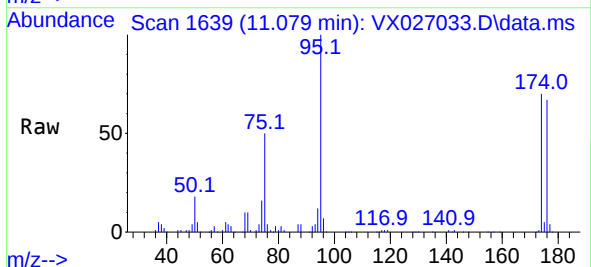
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/16/2022
Supervised By :Mahesh Dadoda 02/21/2022



#62
4-Bromofluorobenzene
Concen: 55.377 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX027033.D
Acq: 15 Feb 2022 16:20

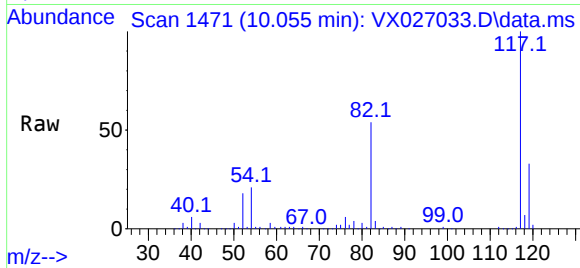
Tgt Ion: 95 Resp: 64274
Ion Ratio Lower Upper
95 100
174 76.5 0.0 148.6
176 73.8 0.0 141.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027033.D
Acq: 15 Feb 2022 16:20

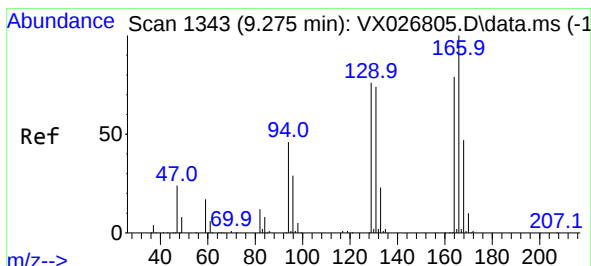
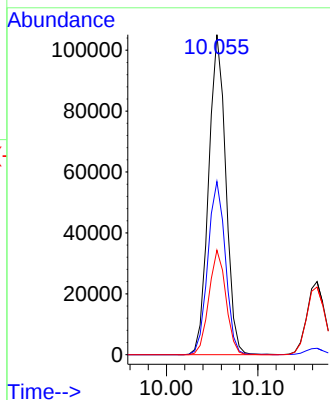
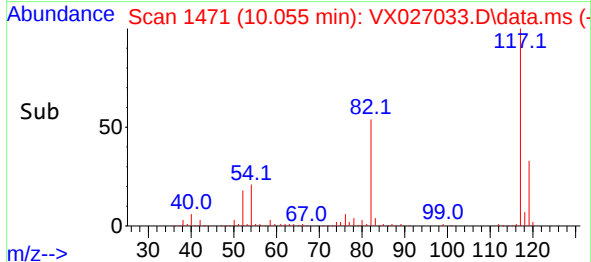
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



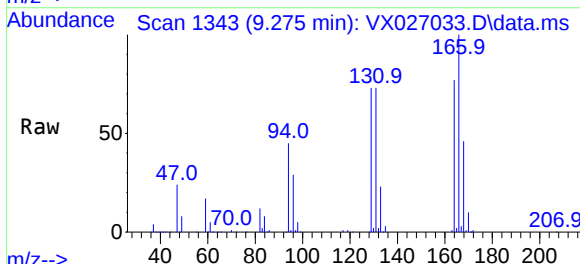
Tgt Ion:117 Resp: 136702
Ion Ratio Lower Upper
117 100
82 54.1 45.2 67.8
119 32.7 26.2 39.2

Manual Integrations
APPROVED

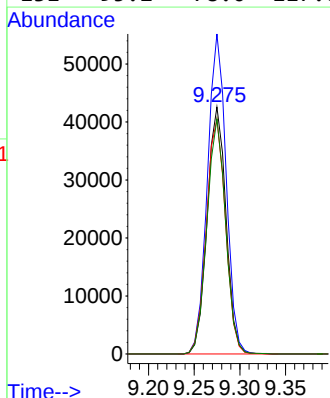
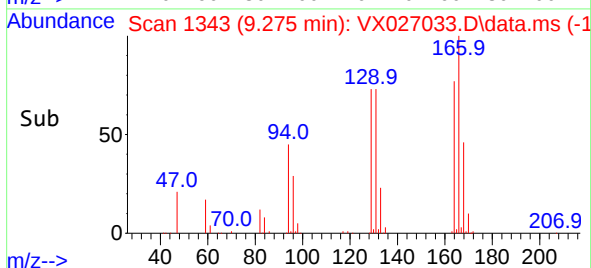
Reviewed By :John Carlone 02/16/2022
Supervised By :Mahesh Dadoda 02/21/2022

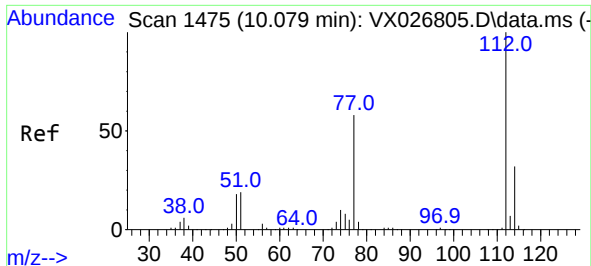


#64
Tetrachloroethene
Concen: 44.430 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX027033.D
Acq: 15 Feb 2022 16:20



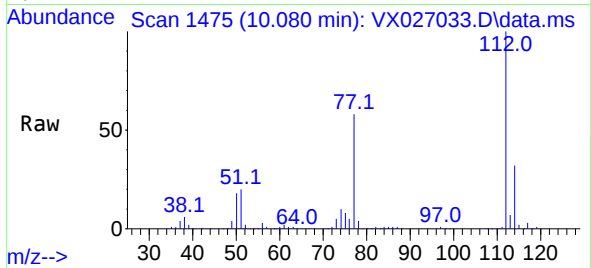
Tgt Ion:164 Resp: 61001
Ion Ratio Lower Upper
164 100
166 129.6 101.8 152.6
129 95.1 83.3 124.9
131 95.2 78.0 117.0





#65
Chlorobenzene
Concen: 47.610 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX027033.D
Acq: 15 Feb 2022 16:20

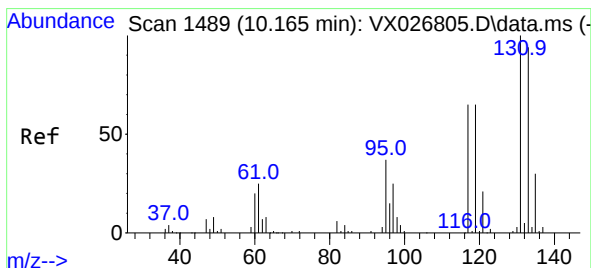
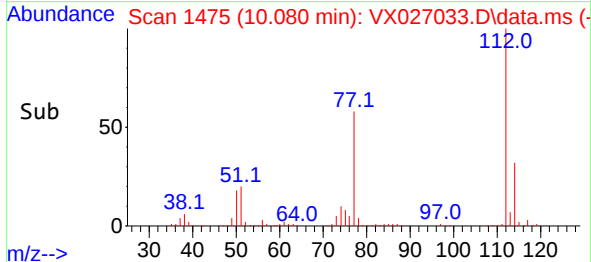
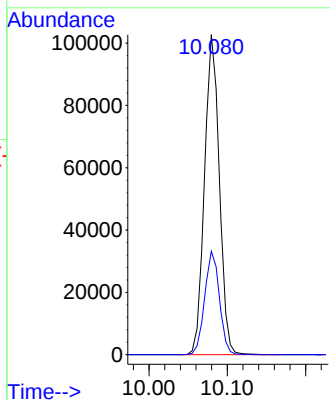
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 134600
Ion Ratio Lower Upper
112 100
114 32.3 25.3 37.9

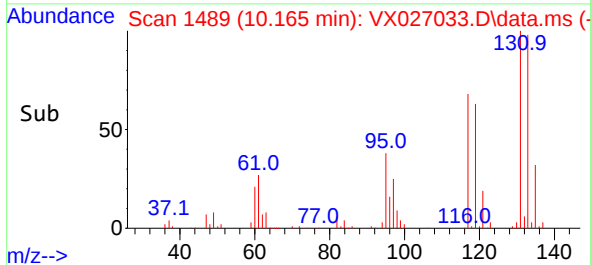
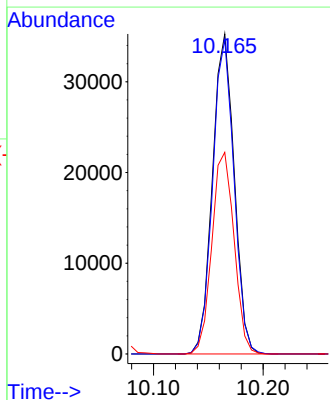
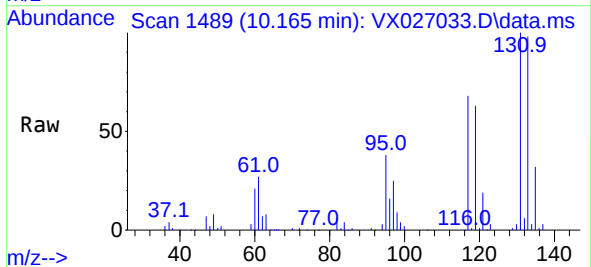
Manual Integrations
APPROVED

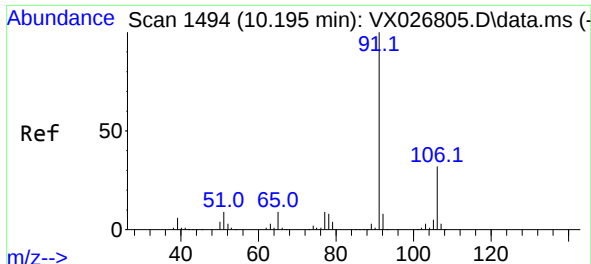
Reviewed By :John Carlone 02/16/2022
Supervised By :Mahesh Dadoda 02/21/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 46.809 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX027033.D
Acq: 15 Feb 2022 16:20

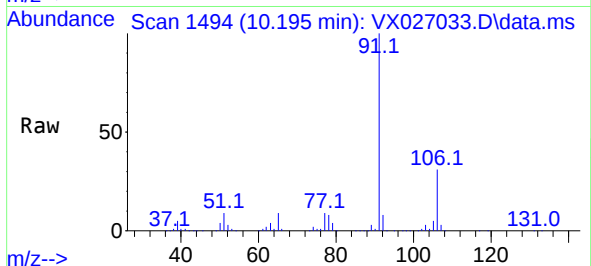
Tgt Ion:131 Resp: 48681
Ion Ratio Lower Upper
131 100
133 96.4 47.9 143.8
119 64.3 31.7 95.1





#67
Ethyl Benzene
Concen: 48.086 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX027033.D
Acq: 15 Feb 2022 16:20

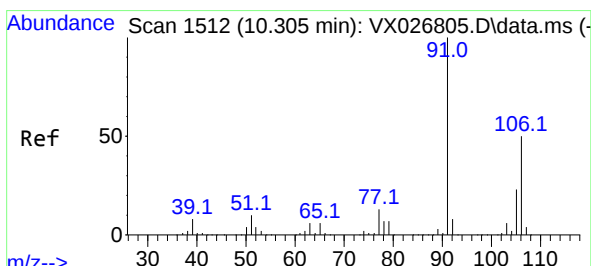
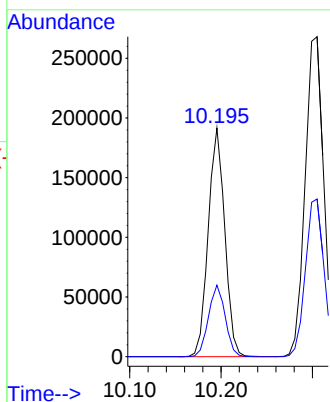
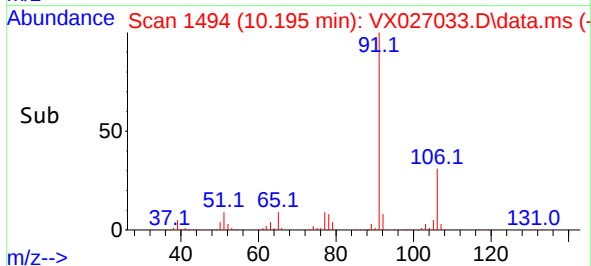
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



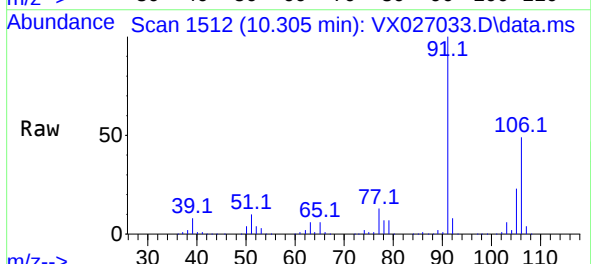
Tgt Ion: 91 Resp: 24061
Ion Ratio Lower Upper
91 100
106 31.3 24.7 37.1

Manual Integrations
APPROVED

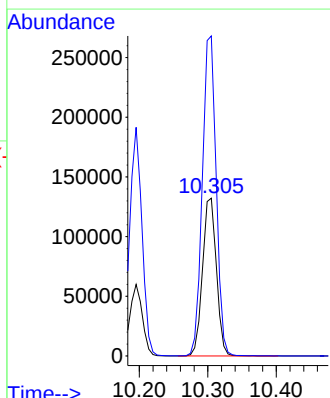
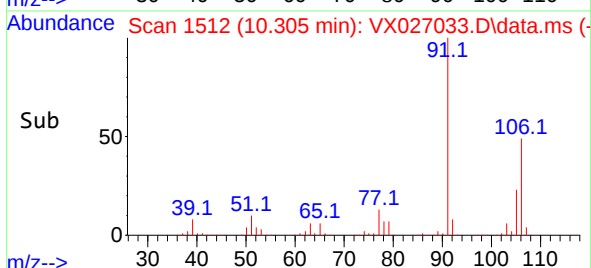
Reviewed By :John Carlone 02/16/2022
Supervised By :Mahesh Dadoda 02/21/2022

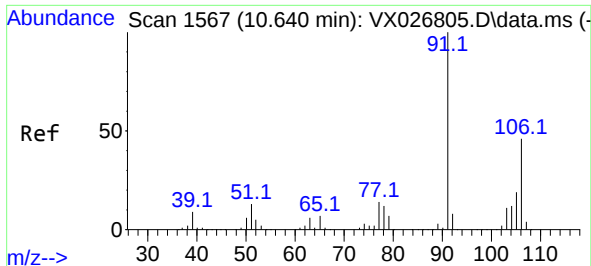


#68
m/p-Xylenes
Concen: 96.838 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX027033.D
Acq: 15 Feb 2022 16:20



Tgt Ion:106 Resp: 186427
Ion Ratio Lower Upper
106 100
91 202.7 165.3 247.9





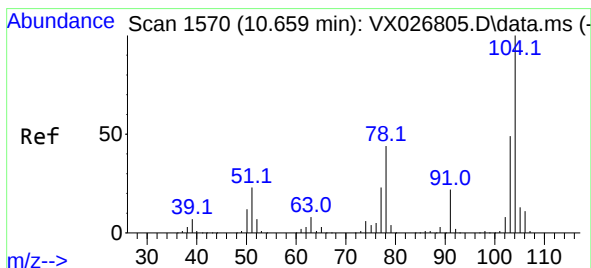
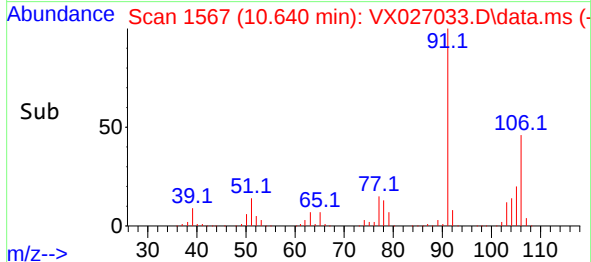
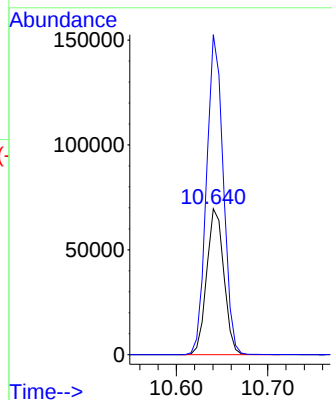
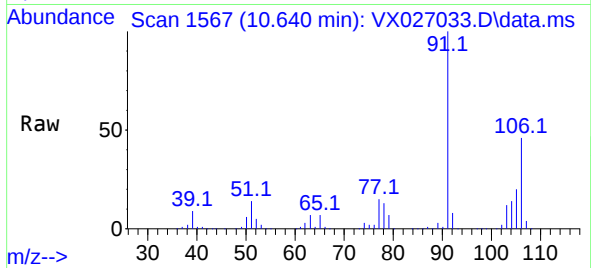
#69
o-Xylene
Concen: 48.038 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX027033.D
Acq: 15 Feb 2022 16:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 90619
Ion Ratio Lower Upper
106 100
91 213.6 109.7 329.0

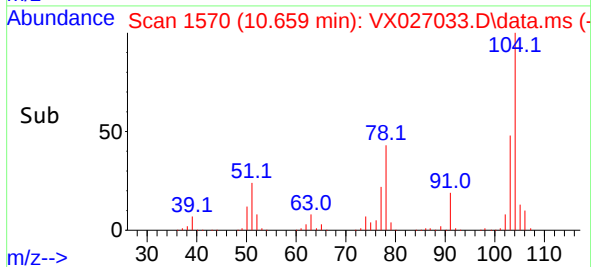
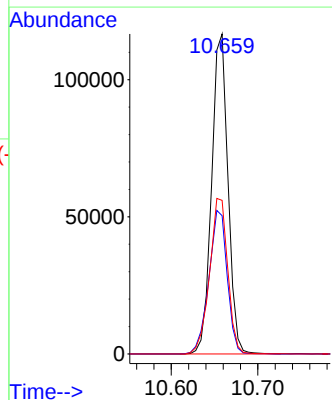
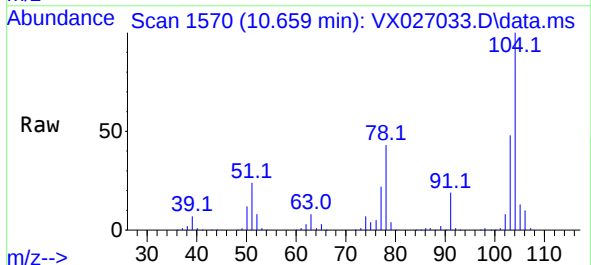
Manual Integrations
APPROVED

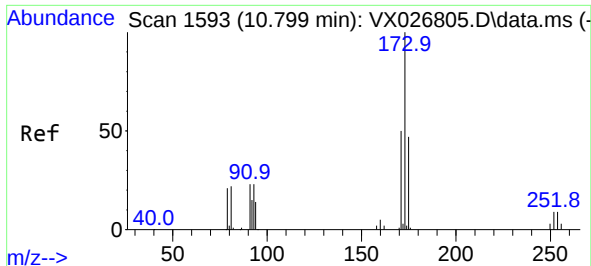
Reviewed By :John Carlone 02/16/2022
Supervised By :Mahesh Dadoda 02/21/2022



#70
Styrene
Concen: 50.070 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX027033.D
Acq: 15 Feb 2022 16:20

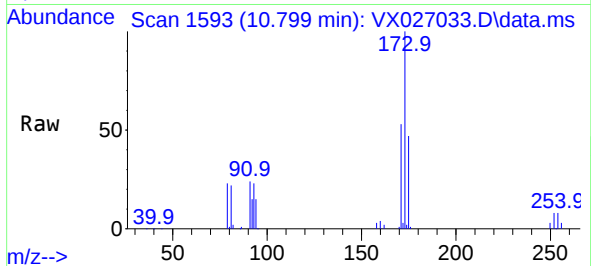
Tgt Ion:104 Resp: 153188
Ion Ratio Lower Upper
104 100
78 50.2 42.5 63.7
103 53.9 43.3 64.9





#71
Bromoform
Concen: 44.242 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX027033.D
Acq: 15 Feb 2022 16:20

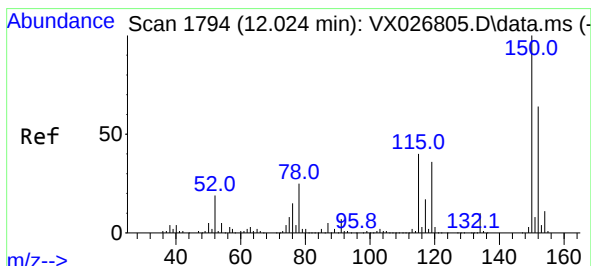
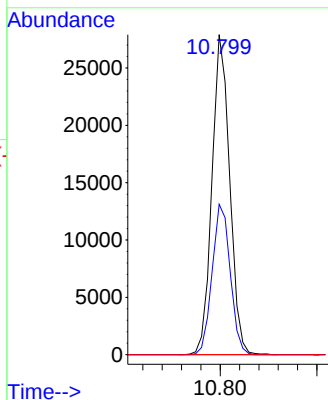
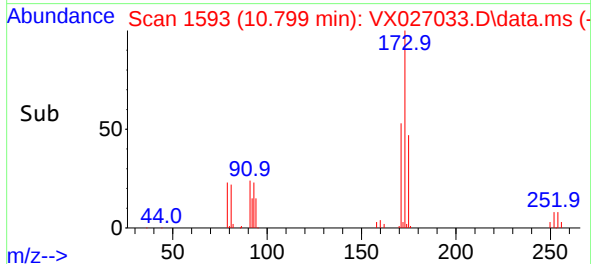
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



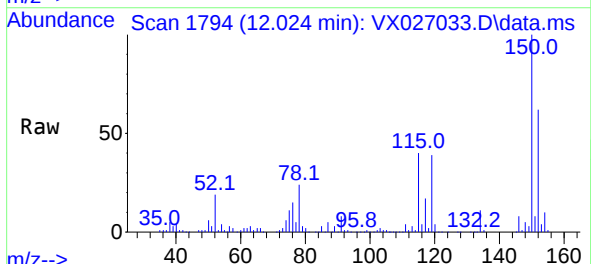
Tgt Ion:173 Resp: 3545
Ion Ratio Lower Upper
173 100
175 48.0 24.3 72.9
254 0.0 0.0 0.0

Manual Integrations
APPROVED

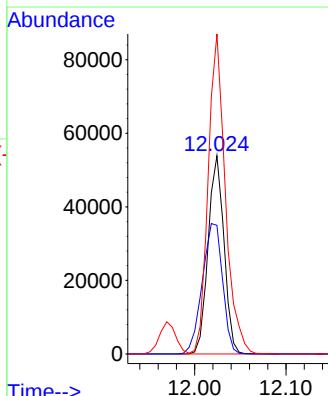
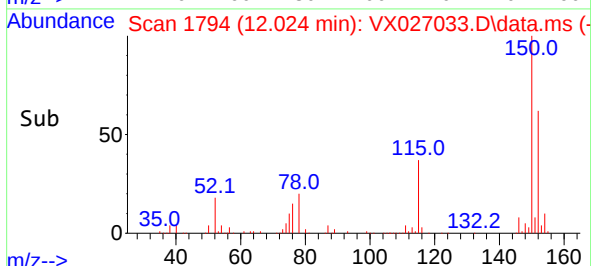
Reviewed By :John Carlone 02/16/2022
Supervised By :Mahesh Dadoda 02/21/2022

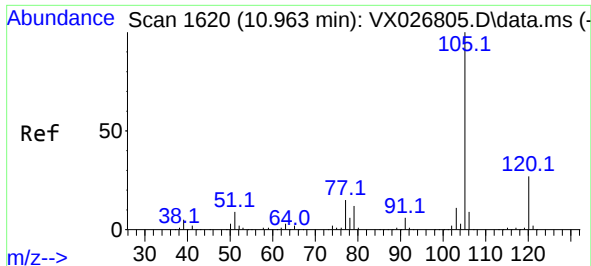


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027033.D
Acq: 15 Feb 2022 16:20



Tgt Ion:152 Resp: 64947
Ion Ratio Lower Upper
152 100
115 84.1 44.2 132.6
150 174.9 0.0 348.2





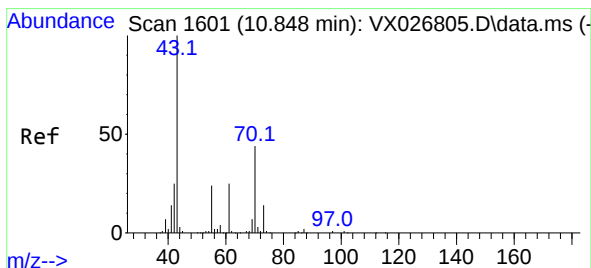
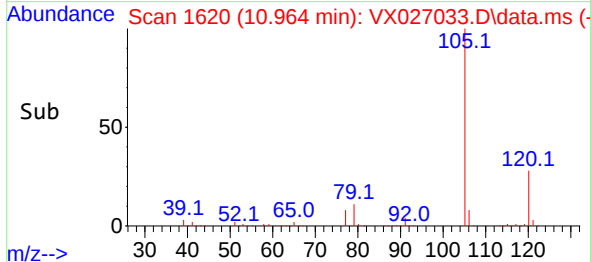
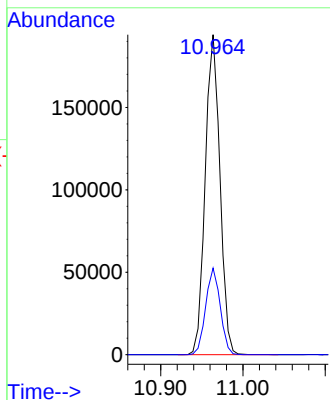
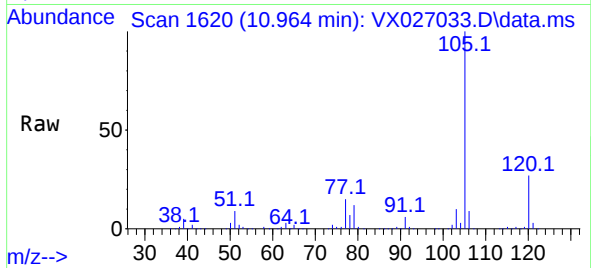
#73
Isopropylbenzene
Concen: 47.038 ug/l
RT: 10.964 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX027033.D
Acq: 15 Feb 2022 16:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 24063
Ion Ratio Lower Upper
105 100
120 26.8 13.1 39.1

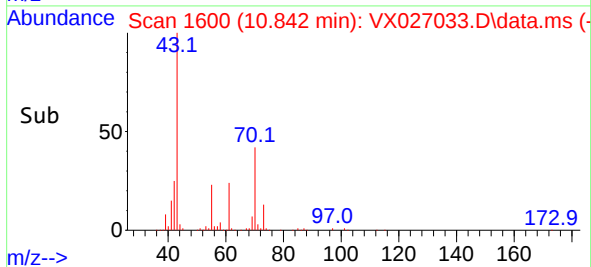
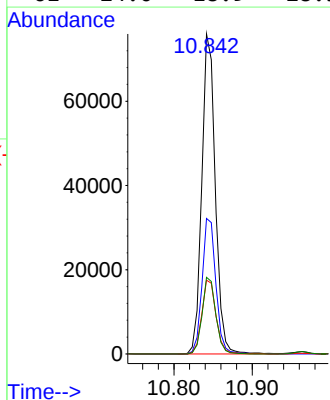
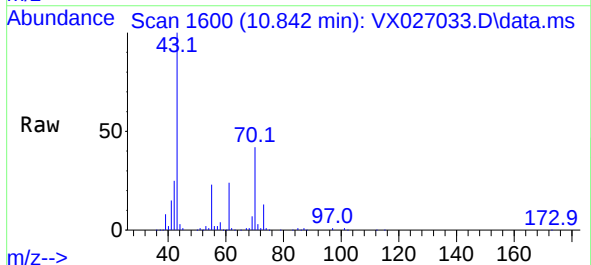
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/16/2022
Supervised By :Mahesh Dadoda 02/21/2022



#74
N-ethyl acetate
Concen: 44.543 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.006 min
Lab File: VX027033.D
Acq: 15 Feb 2022 16:20

Tgt Ion: 43 Resp: 91049
Ion Ratio Lower Upper
43 100
70 43.3 32.9 49.3
55 24.2 18.3 27.5
61 24.0 18.9 28.3





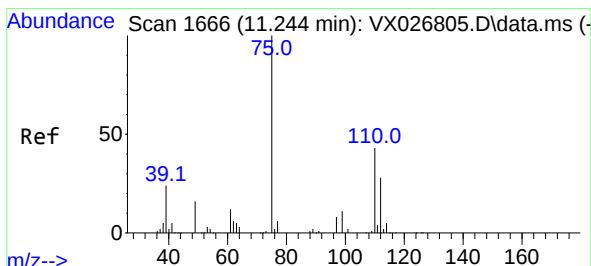
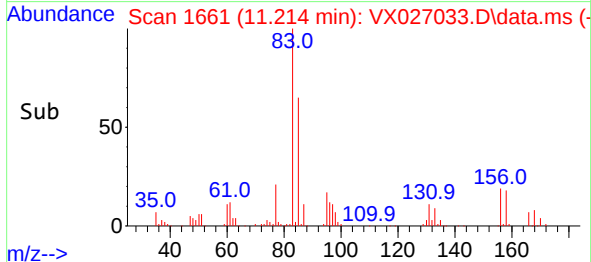
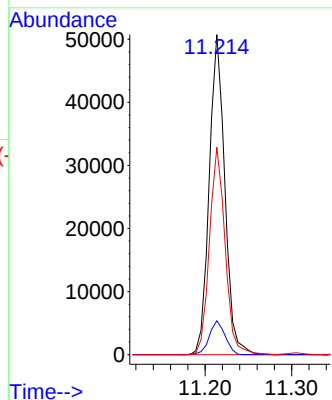
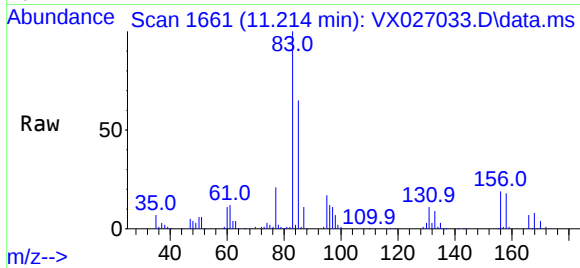
#75
1,1,2,2-Tetrachloroethane
Concen: 45.677 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX027033.D
Acq: 15 Feb 2022 16:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 6341
Ion Ratio Lower Upper
83 100
131 10.8 5.3 15.9
85 65.2 32.0 96.2

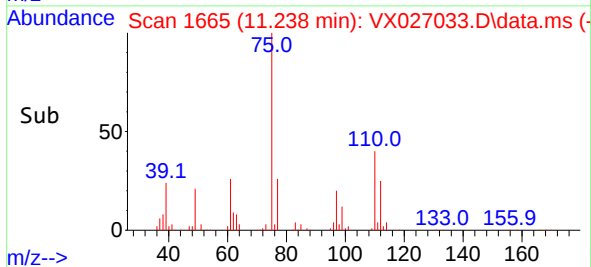
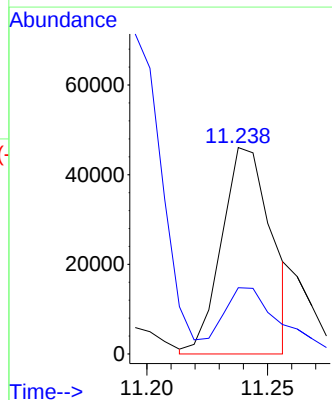
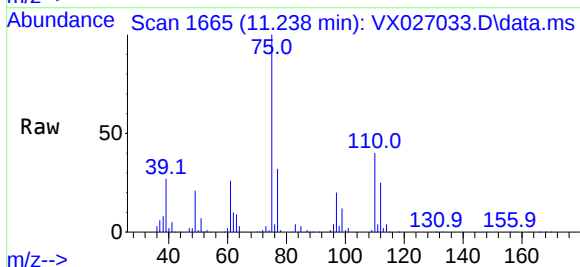
Manual Integrations
APPROVED

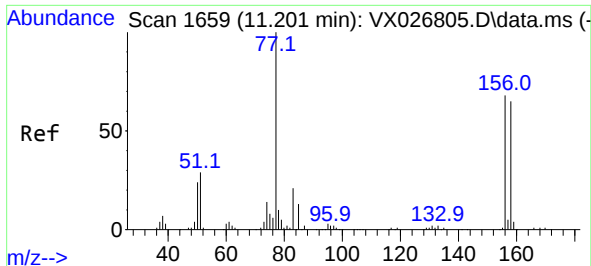
Reviewed By :John Carlone 02/16/2022
Supervised By :Mahesh Dadoda 02/21/2022



#76
1,2,3-Trichloropropane
Concen: 46.489 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX027033.D
Acq: 15 Feb 2022 16:20

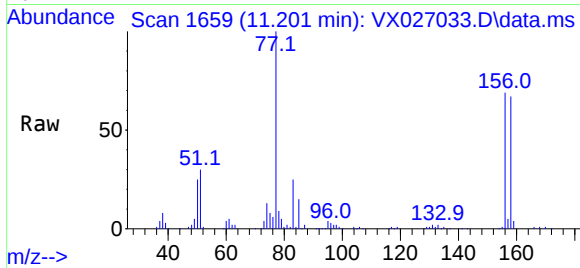
Tgt Ion: 75 Resp: 66094
Ion Ratio Lower Upper
75 100
77 37.8 18.3 54.8





#77
Bromobenzene
Concen: 47.135 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX027033.D
Acq: 15 Feb 2022 16:20

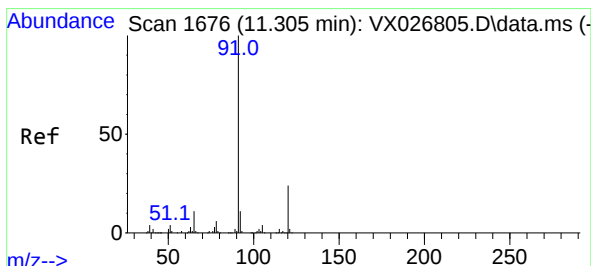
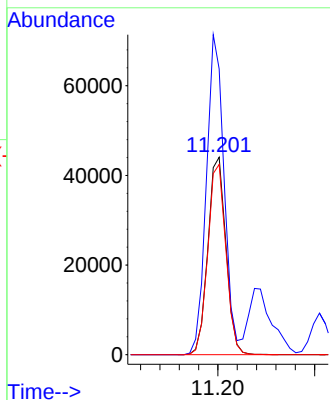
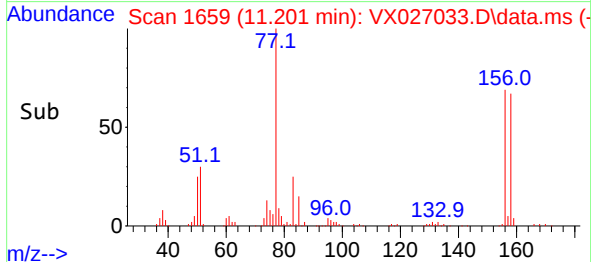
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



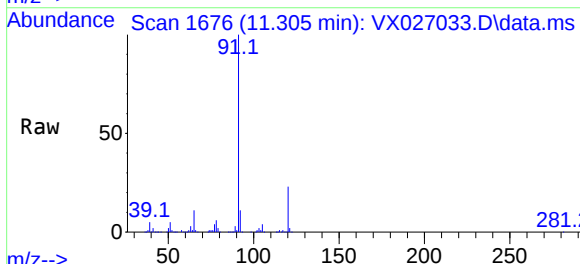
Tgt Ion:156 Resp: 5731
Ion Ratio Lower Upper
156 100
77 157.9 84.5 253.4
158 96.3 48.1 144.4

Manual Integrations
APPROVED

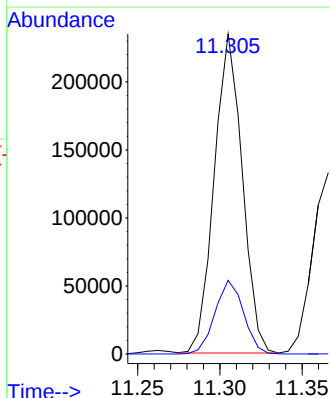
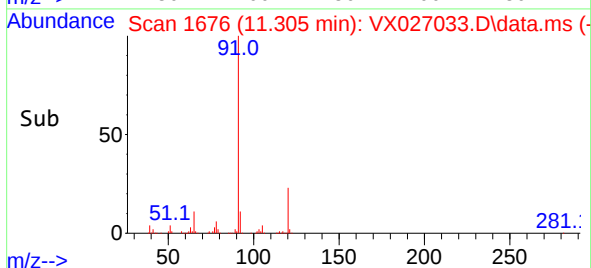
Reviewed By :John Carlone 02/16/2022
Supervised By :Mahesh Dadoda 02/21/2022

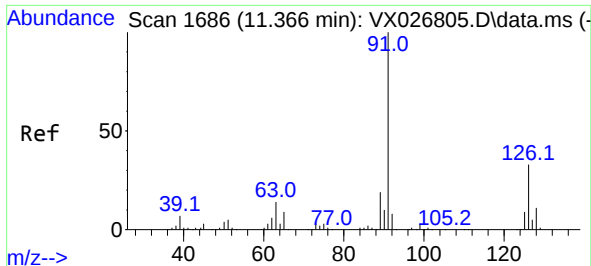


#78
n-propylbenzene
Concen: 48.940 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX027033.D
Acq: 15 Feb 2022 16:20



Tgt Ion: 91 Resp: 277553
Ion Ratio Lower Upper
91 100
120 23.5 11.6 34.7





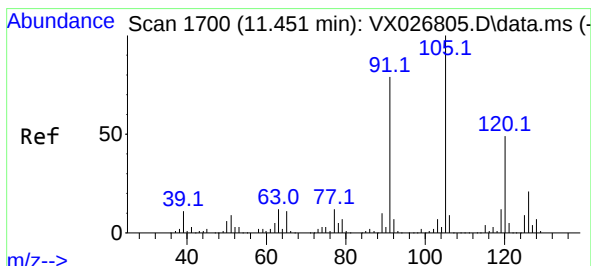
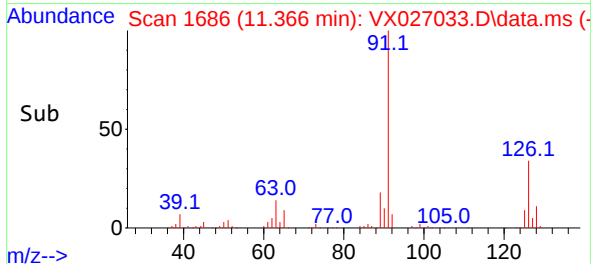
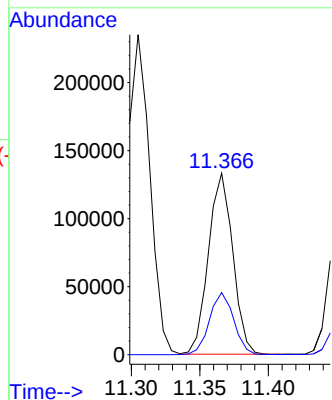
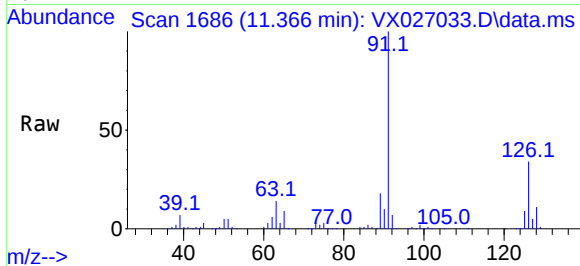
#79
2-Chlorotoluene
Concen: 46.874 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX027033.D
Acq: 15 Feb 2022 16:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 16425
Ion Ratio Lower Upper
91 100
126 34.2 16.4 49.2

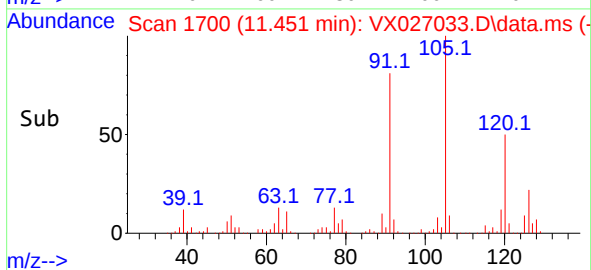
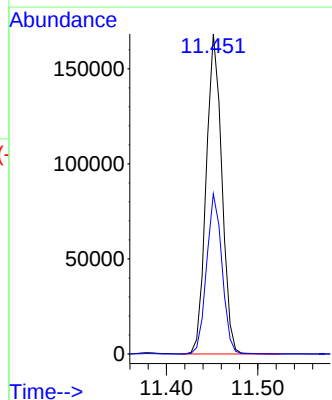
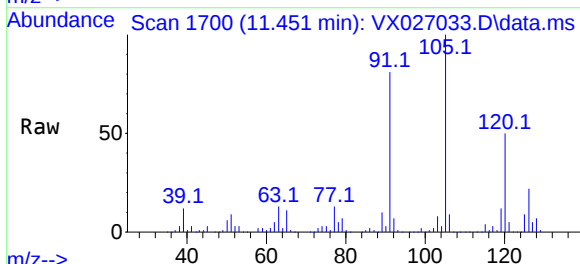
Manual Integrations
APPROVED

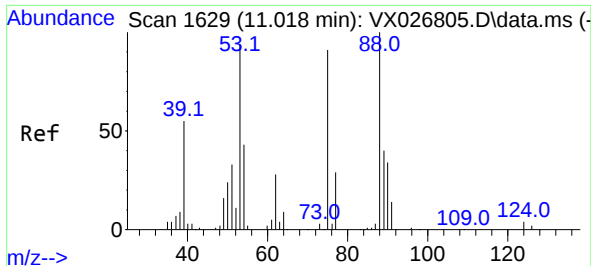
Reviewed By :John Carlone 02/16/2022
Supervised By :Mahesh Dadoda 02/21/2022



#80
1,3,5-Trimethylbenzene
Concen: 47.403 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX027033.D
Acq: 15 Feb 2022 16:20

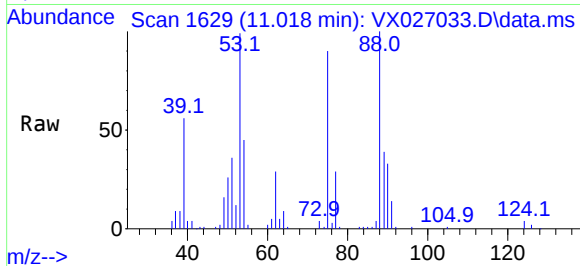
Tgt Ion:105 Resp: 199586
Ion Ratio Lower Upper
105 100
120 49.3 24.0 72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 42.718 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX027033.D
Acq: 15 Feb 2022 16:20

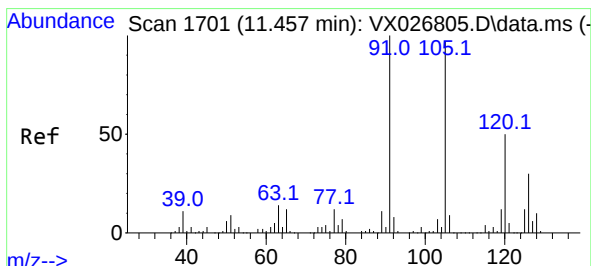
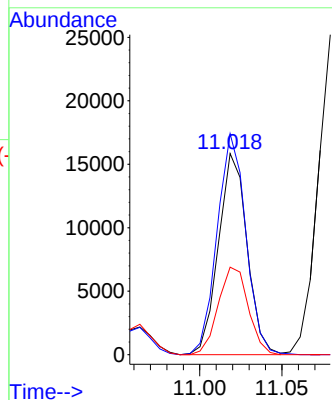
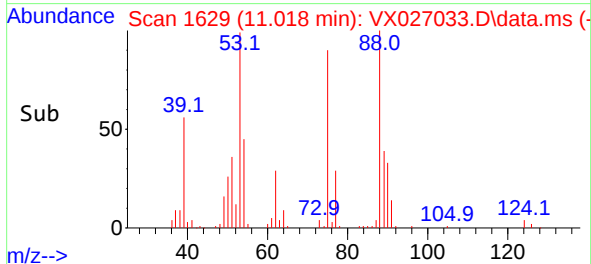
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



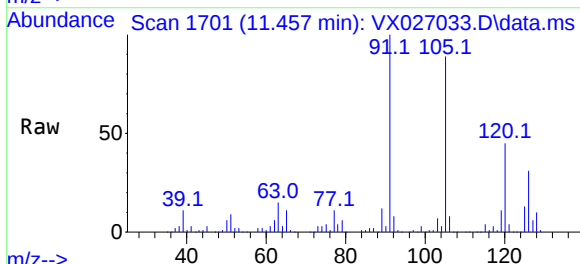
Tgt Ion: 75 Resp: 1918
Ion Ratio Lower Upper
75 100
53 110.1 94.0 141.0
89 45.7 37.0 55.4

Manual Integrations
APPROVED

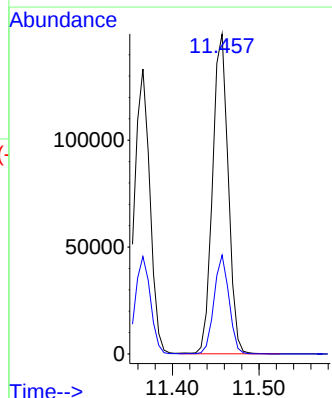
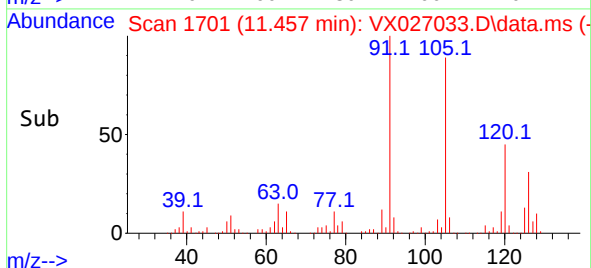
Reviewed By :John Carlone 02/16/2022
Supervised By :Mahesh Dadoda 02/21/2022

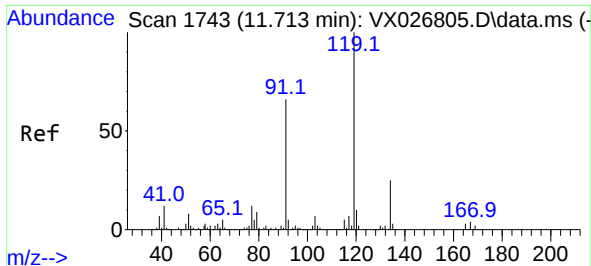


#82
4-Chlorotoluene
Concen: 47.783 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX027033.D
Acq: 15 Feb 2022 16:20



Tgt Ion: 91 Resp: 187837
Ion Ratio Lower Upper
91 100
126 29.6 14.1 42.4





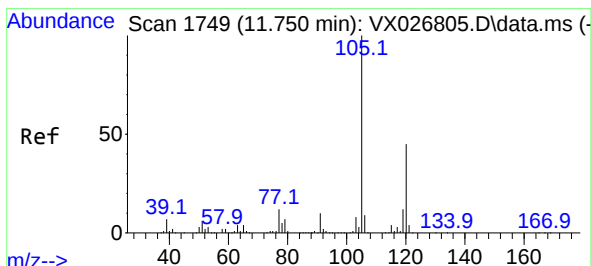
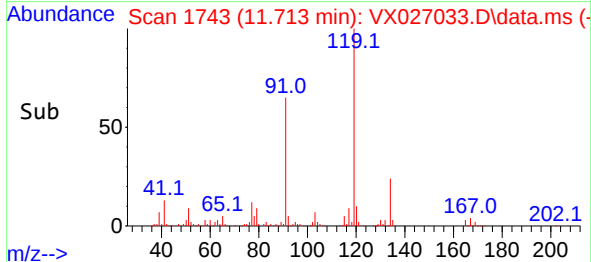
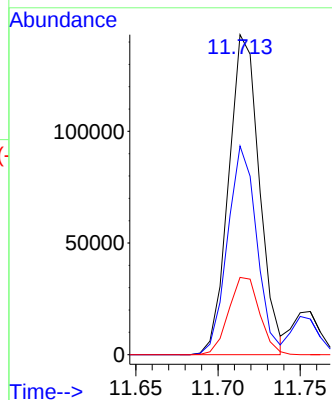
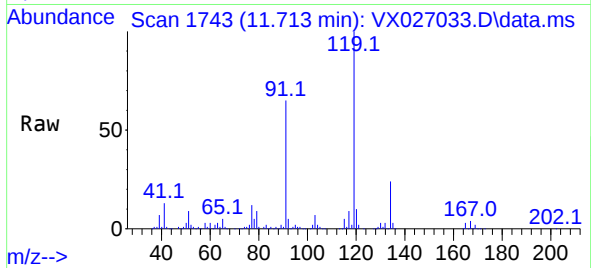
#83
tert-Butylbenzene
Concen: 46.420 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX027033.D
Acq: 15 Feb 2022 16:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 18628
Ion Ratio Lower Upper
119 100
91 62.2 31.4 94.0
134 24.4 11.8 35.3

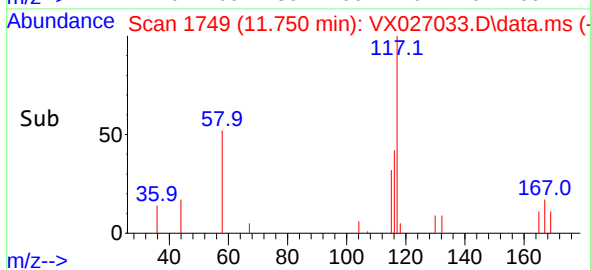
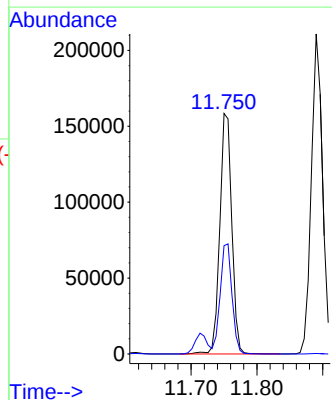
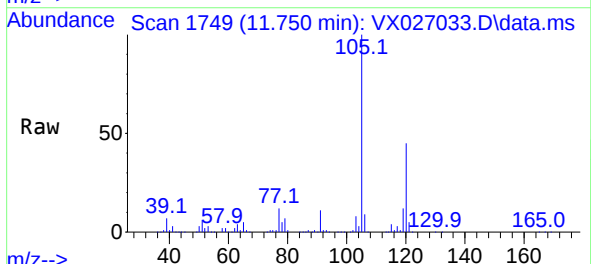
Manual Integrations
APPROVED

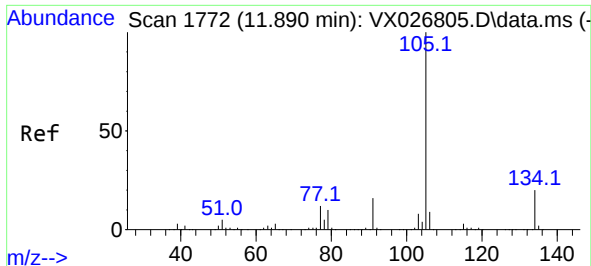
Reviewed By :John Carlone 02/16/2022
Supervised By :Mahesh Dadoda 02/21/2022



#84
1,2,4-Trimethylbenzene
Concen: 47.254 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX027033.D
Acq: 15 Feb 2022 16:20

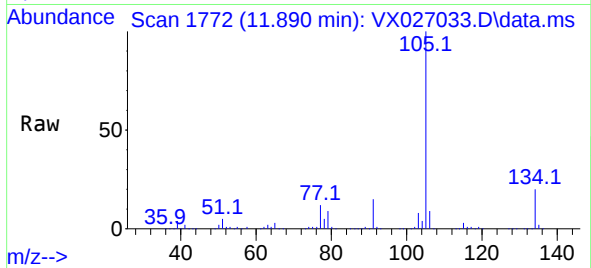
Tgt Ion:105 Resp: 200682
Ion Ratio Lower Upper
105 100
120 45.0 21.9 65.5





#85
 sec-Butylbenzene
 Concen: 48.946 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX027033.D
 Acq: 15 Feb 2022 16:20

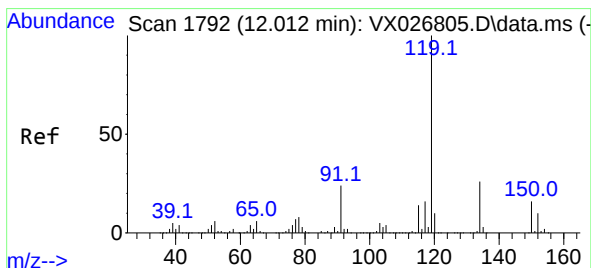
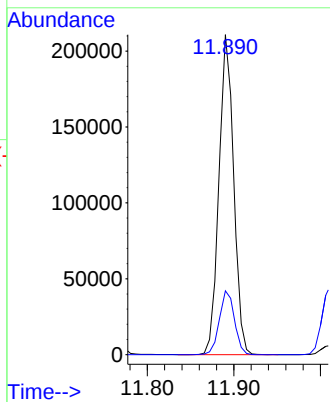
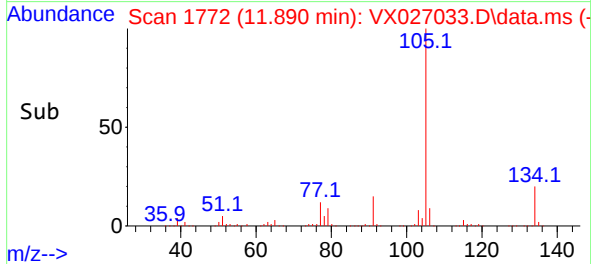
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



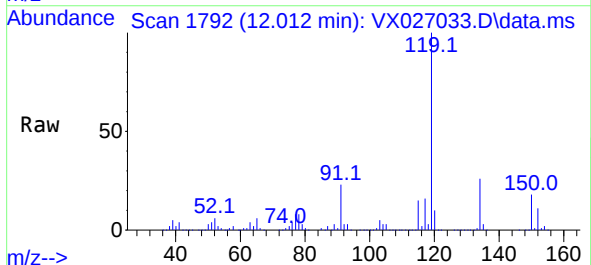
Tgt Ion:105 Resp: 24897
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.1 30.1

Manual Integrations
 APPROVED

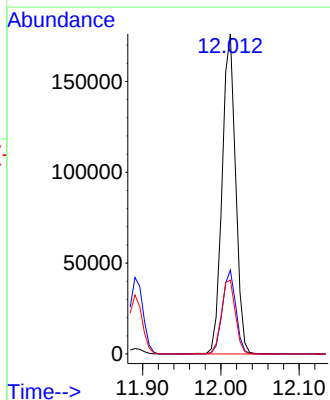
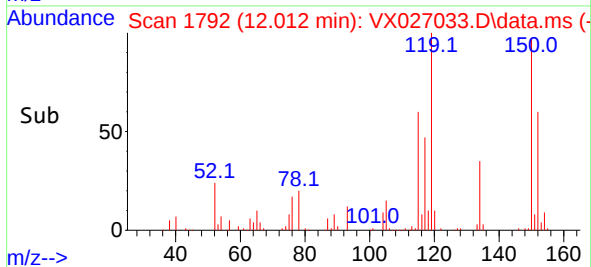
Reviewed By :John Carlone 02/16/2022
 Supervised By :Mahesh Dadoda 02/21/2022

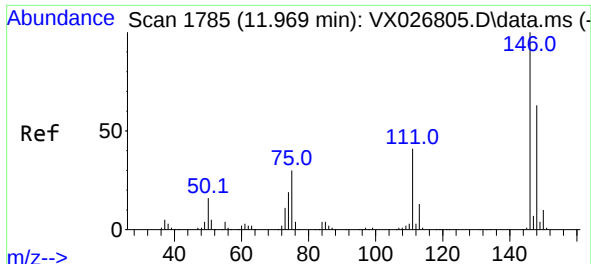


#86
 p-Isopropyltoluene
 Concen: 49.109 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX027033.D
 Acq: 15 Feb 2022 16:20



Tgt Ion:119 Resp: 211627
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.0 39.0
 91 24.0 12.6 37.6





#87

1,3-Dichlorobenzene

Concen: 48.036 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX027033.D

Acq: 15 Feb 2022 16:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 107035

Ion Ratio Lower Upper

146 100

111 40.4 21.3 63.7

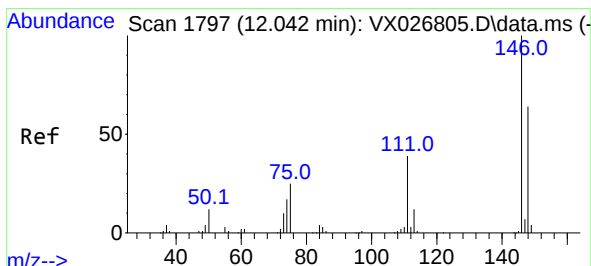
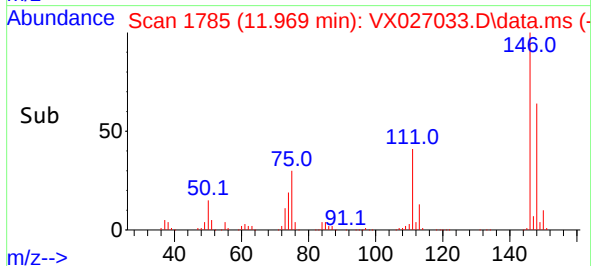
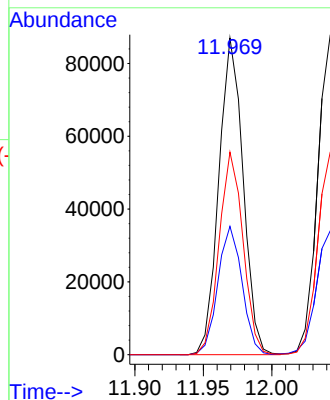
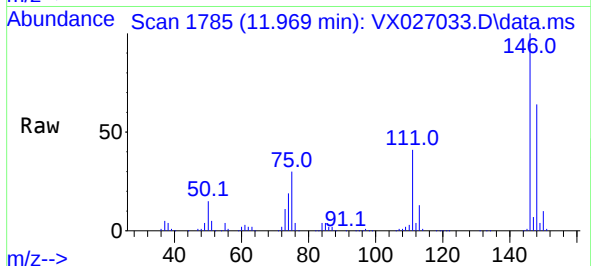
148 63.1 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/16/2022

Supervised By :Mahesh Dadoda 02/21/2022



#88

1,4-Dichlorobenzene

Concen: 47.330 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX027033.D

Acq: 15 Feb 2022 16:20

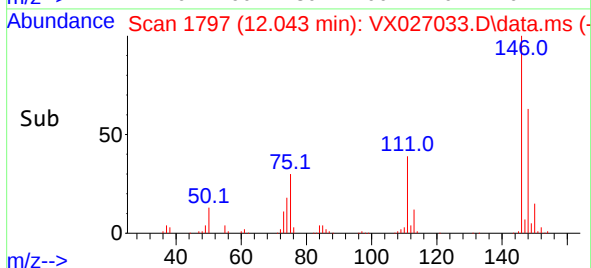
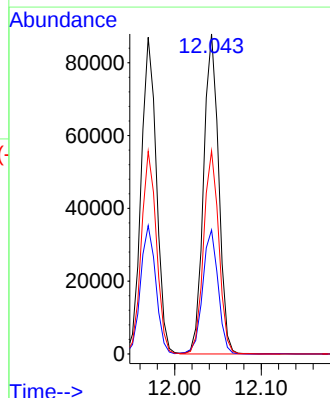
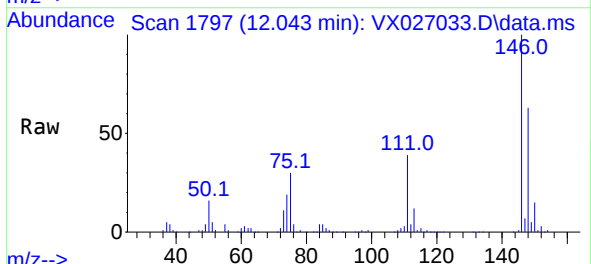
Tgt Ion:146 Resp: 106358

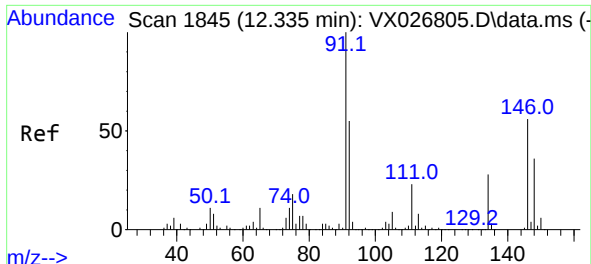
Ion Ratio Lower Upper

146 100

111 39.7 20.2 60.6

148 63.8 31.4 94.0





#89

n-Butylbenzene

Concen: 51.102 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX027033.D

Acq: 15 Feb 2022 16:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 18017

Ion Ratio Lower Upper

91 100

92 54.3 27.2 81.6

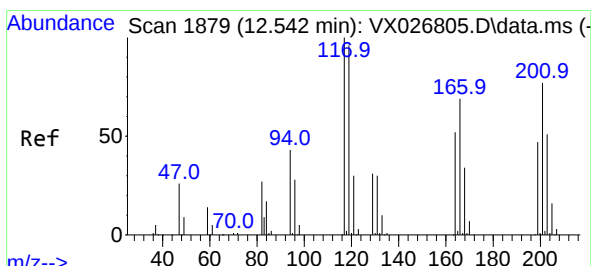
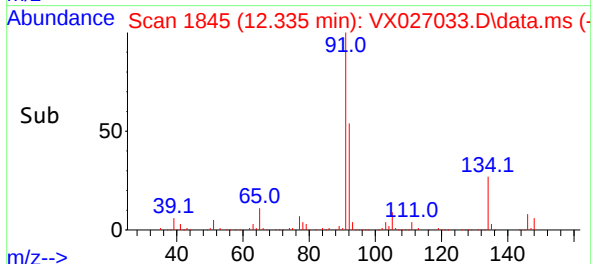
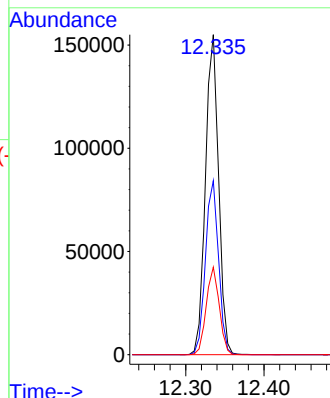
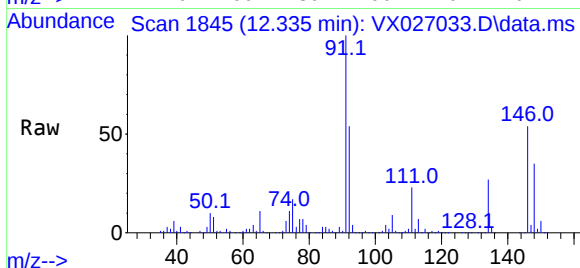
134 27.1 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/16/2022

Supervised By :Mahesh Dadoda 02/21/2022



#90

Hexachloroethane

Concen: 51.451 ug/l

RT: 12.543 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VX027033.D

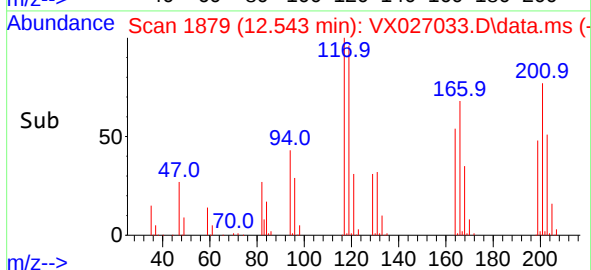
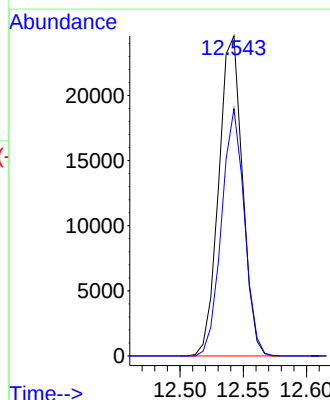
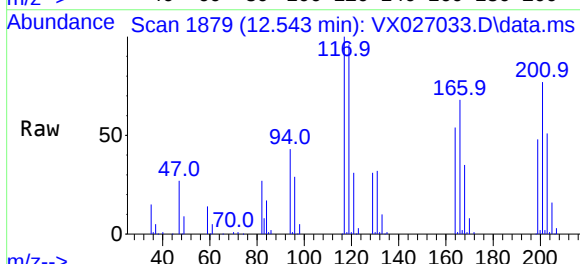
Acq: 15 Feb 2022 16:20

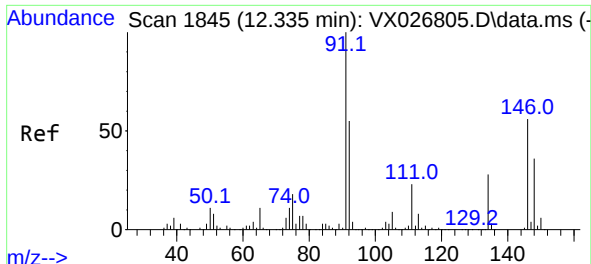
Tgt Ion:117 Resp: 32045

Ion Ratio Lower Upper

117 100

201 74.1 35.6 106.8





#91
1,2-Dichlorobenzene
Concen: 47.311 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX027033.D
Acq: 15 Feb 2022 16:20

Instrument :

MSVOA_X

ClientSampleId :

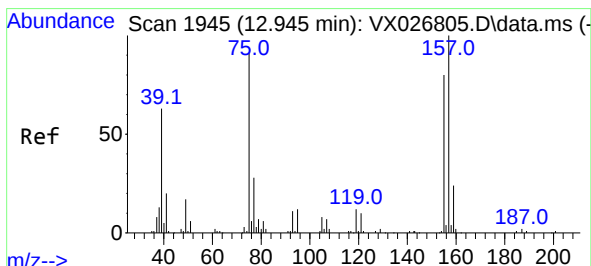
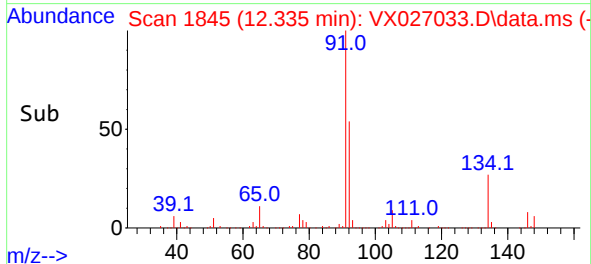
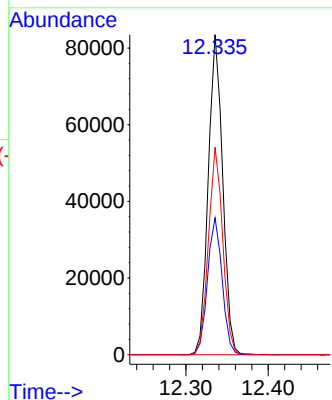
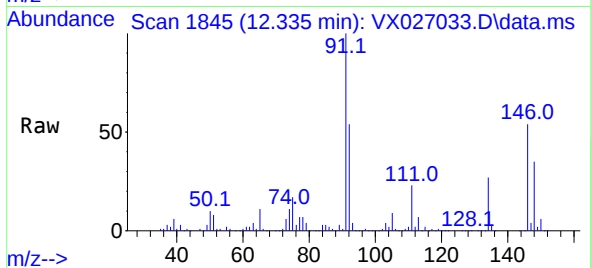
VSTDCCC050

Tgt Ion:146 Resp: 101718
Ion Ratio Lower Upper
146 100
111 43.2 21.8 65.3
148 64.6 32.0 96.2

Manual Integrations

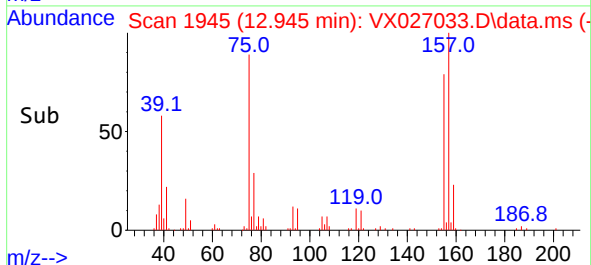
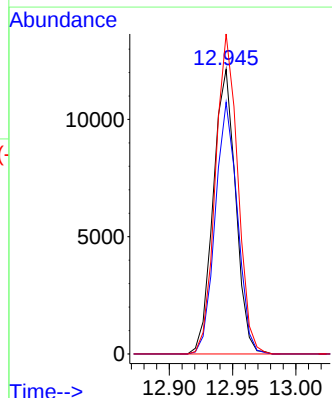
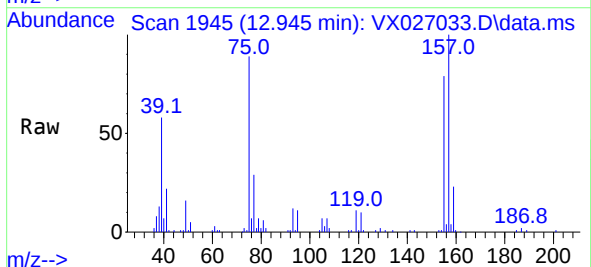
APPROVED

Reviewed By :John Carlone 02/16/2022
Supervised By :Mahesh Dadoda 02/21/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 43.852 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX027033.D
Acq: 15 Feb 2022 16:20

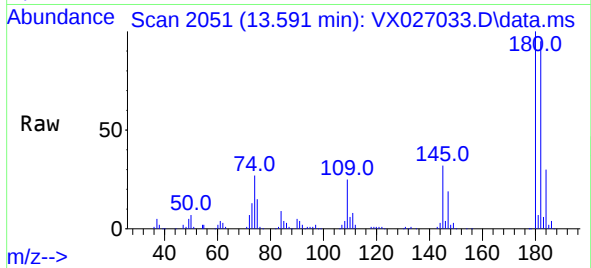
Tgt Ion: 75 Resp: 14971
Ion Ratio Lower Upper
75 100
155 87.1 40.0 119.9
157 111.5 51.6 154.8





#93
1,2,4-Trichlorobenzene
Concen: 49.501 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX027033.D
Acq: 15 Feb 2022 16:20

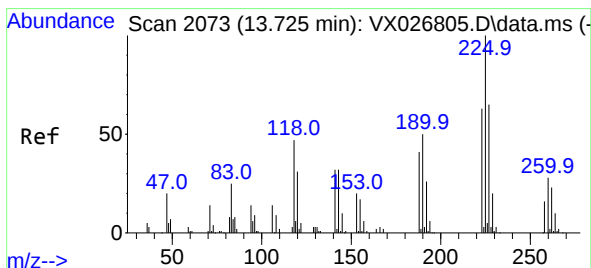
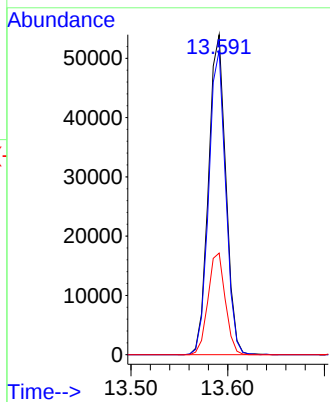
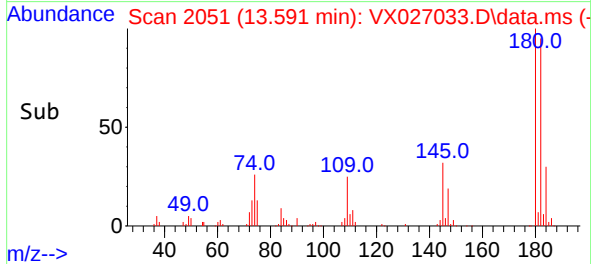
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



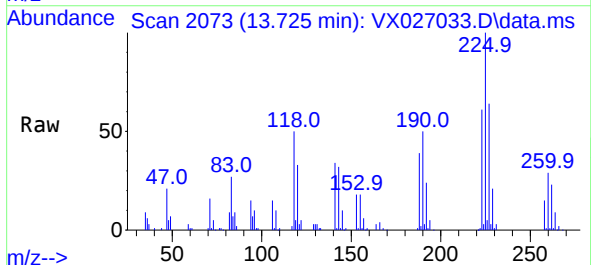
Tgt Ion:180 Resp: 67160
Ion Ratio Lower Upper
180 100
182 93.1 46.7 140.0
145 31.7 16.3 48.8

Manual Integrations
APPROVED

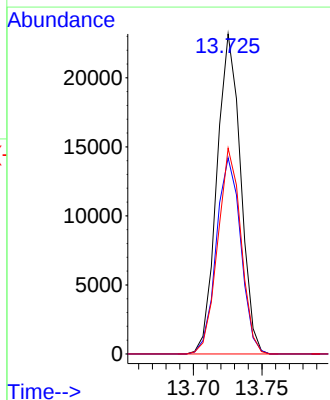
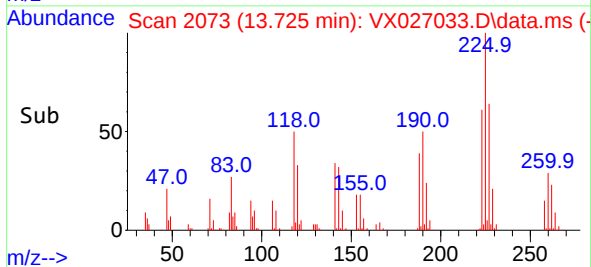
Reviewed By :John Carlone 02/16/2022
Supervised By :Mahesh Dadoda 02/21/2022

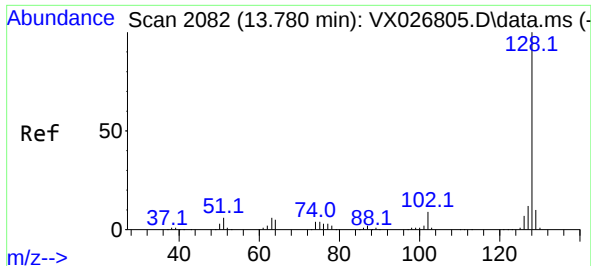


#94
Hexachlorobutadiene
Concen: 48.631 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX027033.D
Acq: 15 Feb 2022 16:20



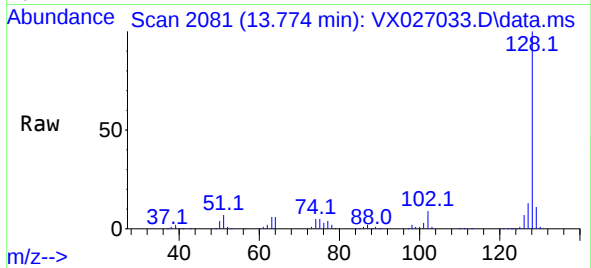
Tgt Ion:225 Resp: 27911
Ion Ratio Lower Upper
225 100
223 63.1 32.0 96.0
227 63.1 32.3 96.9





#95
Naphthalene
Concen: 46.811 ug/l
RT: 13.774 min Scan# 2082
Delta R.T. -0.006 min
Lab File: VX027033.D
Acq: 15 Feb 2022 16:20

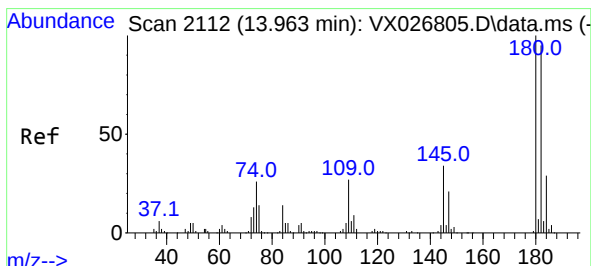
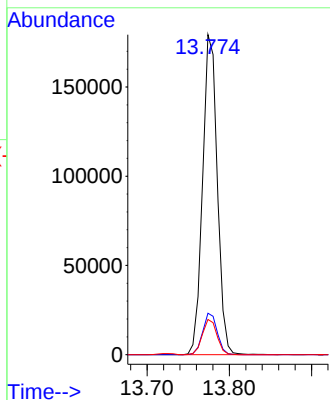
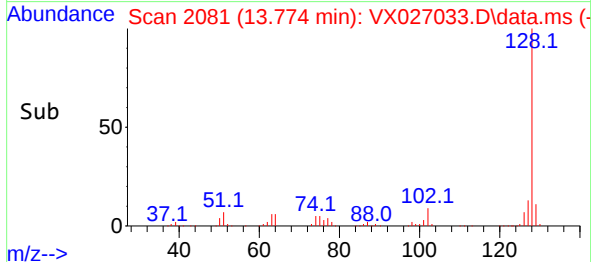
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



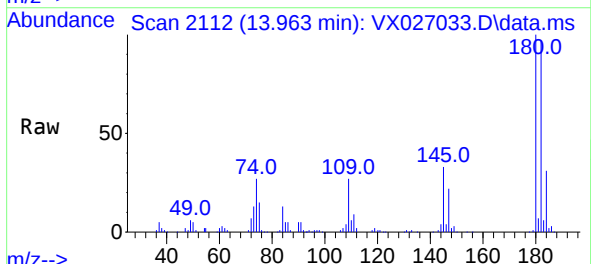
Tgt Ion:128 Resp: 22248
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.0 8.7 13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 47.271 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX027033.D
Acq: 15 Feb 2022 16:20



Tgt Ion:180 Resp: 64947
Ion Ratio Lower Upper
180 100
182 96.8 47.2 141.6
145 34.3 17.5 52.5

