

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120822\
 Data File : VX033309.D
 Acq On : 08 Dec 2022 09:29
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: Dec 09 00:41:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	172637	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	271205	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	250412	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	126156	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	49141	44.370	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	88.740%		
35) Dibromofluoromethane	5.385	113	55041	45.122	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.240%		
50) Toluene-d8	8.647	98	122248	47.906	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.820%		
62) 4-Bromofluorobenzene	11.079	95	97549	49.996	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.000%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	55914	46.365	ug/l	96
3) Chloromethane	1.294	50	57721	41.396	ug/l	99
4) Vinyl Chloride	1.374	62	68683	43.140	ug/l	100
5) Bromomethane	1.618	94	46646	39.924	ug/l	97
6) Chloroethane	1.691	64	52568	43.530	ug/l	98
7) Trichlorofluoromethane	1.886	101	138235	46.248	ug/l	100
8) Diethyl Ether	2.130	74	46583	43.148	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	77135	48.649	ug/l	99
10) Methyl Iodide	2.453	142	74671	43.000	ug/l	99
11) Tert butyl alcohol	3.020	59	68338m	201.821	ug/l	
12) 1,1-Dichloroethene	2.319	96	72114	46.076	ug/l	95
13) Acrolein	2.239	56	76223	207.558	ug/l	100
14) Allyl chloride	2.666	41	112505	45.013	ug/l	97
15) Acrylonitrile	3.068	53	173886	207.310	ug/l	99
16) Acetone	2.398	43	191975	234.248	ug/l	99
17) Carbon Disulfide	2.514	76	178664	44.478	ug/l	99
18) Methyl Acetate	2.709	43	100166	42.220	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	246959	45.554	ug/l	98
20) Methylene Chloride	2.788	84	79514	43.505	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	78787	46.019	ug/l	98
22) Diisopropyl ether	3.757	45	251244	46.918	ug/l	95
23) Vinyl Acetate	3.721	43	948400	228.181	ug/l	99
24) 1,1-Dichloroethane	3.611	63	140906	44.784	ug/l	100
25) 2-Butanone	4.562	43	260952	221.826	ug/l	99
26) 2,2-Dichloropropane	4.477	77	113079	48.871	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	94609	46.239	ug/l	98
28) Bromochloromethane	4.897	49	63752	48.404	ug/l	95
29) Tetrahydrofuran	5.007	42	157956	207.242	ug/l	97
30) Chloroform	5.093	83	160095	45.833	ug/l	99
31) Cyclohexane	5.470	56	127486	48.435	ug/l	92
32) 1,1,1-Trichloroethane	5.379	97	143231	47.659	ug/l	99
36) 1,1-Dichloropropene	5.690	75	116379	48.935	ug/l	99
37) Ethyl Acetate	4.708	43	98202	43.682	ug/l	99
38) Carbon Tetrachloride	5.678	117	128427	48.197	ug/l	97
39) Methylcyclohexane	7.379	83	138222	51.924	ug/l	99
40) Benzene	6.037	78	329183	47.472	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	57952	46.780	ug/l	96
42) 1,2-Dichloroethane	6.086	62	129509	47.033	ug/l	99
43) Isopropyl Acetate	6.336	43	164193	45.392	ug/l	98
44) Trichloroethene	7.123	130	92698	48.486	ug/l	99
45) 1,2-Dichloropropane	7.427	63	83747	47.225	ug/l	98
46) Dibromomethane	7.580	93	62024	45.912	ug/l	98
47) Bromodichloromethane	7.818	83	126117	47.892	ug/l	98
48) Methyl methacrylate	7.690	41	83962	44.975	ug/l	95
49) 1,4-Dioxane	7.708	88	37576	882.675	ug/l #	64
51) 4-Methyl-2-Pentanone	8.574	43	516492	225.789	ug/l	97
52) Toluene	8.720	92	220884	49.268	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	127185	45.211	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	136857	48.839	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	89998	47.754	ug/l	98
56) Ethyl methacrylate	9.116	69	127547	48.068	ug/l	93
57) 1,3-Dichloropropane	9.305	76	143604	47.433	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	290176	239.001	ug/l	100
59) 2-Hexanone	9.433	43	387579	229.918	ug/l	95
60) Dibromochloromethane	9.519	129	100139	48.227	ug/l	99
61) 1,2-Dibromoethane	9.610	107	95354	47.567	ug/l	100
64) Tetrachloroethene	9.275	164	81560	47.632	ug/l	98
65) Chlorobenzene	10.079	112	241748	47.674	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	91486	47.741	ug/l	99
67) Ethyl Benzene	10.195	91	437602	49.535	ug/l	100
68) m/p-Xylenes	10.299	106	344275	100.164	ug/l	97
69) o-Xylene	10.640	106	165789	48.799	ug/l	98
70) Styrene	10.652	104	279138	50.167	ug/l	98
71) Bromoform	10.799	173	71331	47.026	ug/l #	99
73) Isopropylbenzene	10.963	105	442394	48.381	ug/l	99
74) N-amyl acetate	10.841	43	147071	47.142	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	126859	43.732	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	103233m	40.221	ug/l	
77) Bromobenzene	11.195	156	106610	46.171	ug/l	99
78) n-propylbenzene	11.305	91	510235	49.974	ug/l	99
79) 2-Chlorotoluene	11.366	91	301610	47.800	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	371632	48.825	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	35577	43.118	ug/l	95
82) 4-Chlorotoluene	11.451	91	348717	47.528	ug/l	98
83) tert-Butylbenzene	11.713	119	364266	47.992	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	369297	48.606	ug/l	100
85) sec-Butylbenzene	11.890	105	444778	50.225	ug/l	99
86) p-Isopropyltoluene	12.012	119	378857	49.622	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	201471	48.168	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	201786	47.231	ug/l	99
89) n-Butylbenzene	12.329	91	324755	51.934	ug/l	99
90) Hexachloroethane	12.542	117	61617	47.479	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	194397	46.487	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	26552	42.375	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	123370	48.849	ug/l	99
94) Hexachlorobutadiene	13.725	225	49179	48.628	ug/l	99
95) Naphthalene	13.774	128	398755	47.334	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	122545	47.910	ug/l	99

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

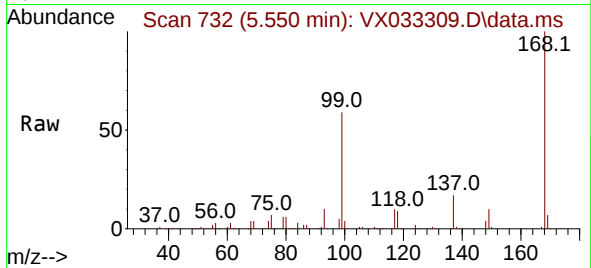
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

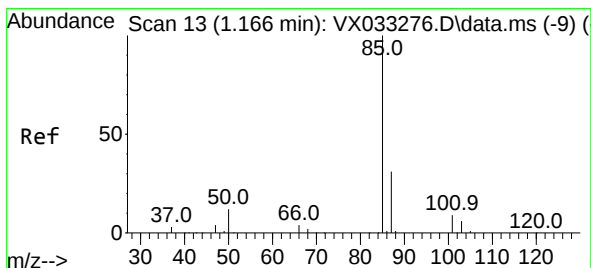
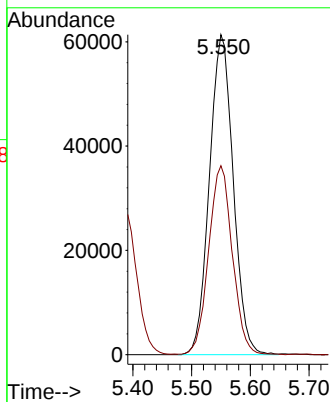
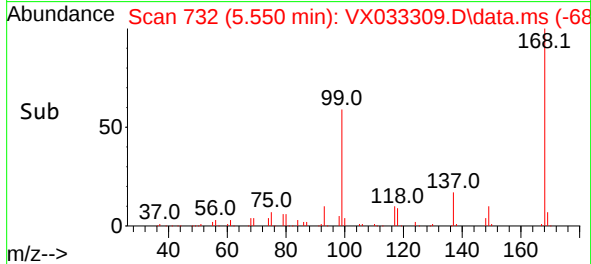
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 17263
Ion Ratio Lower Upper
168 100
99 58.9 46.1 69.1

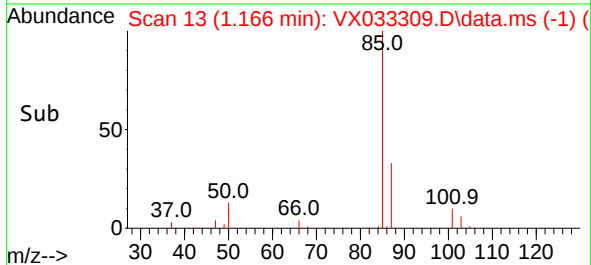
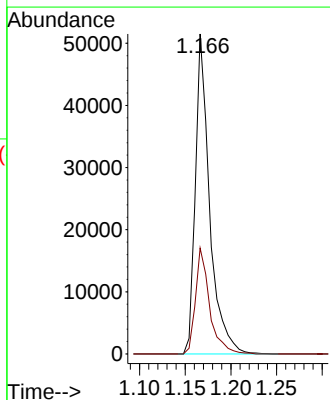
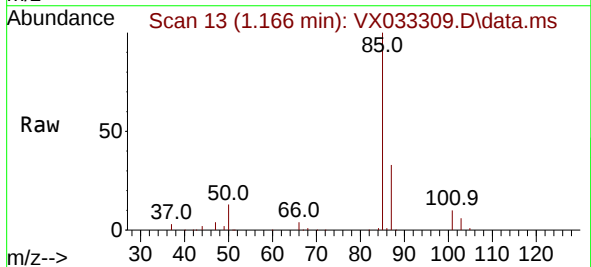
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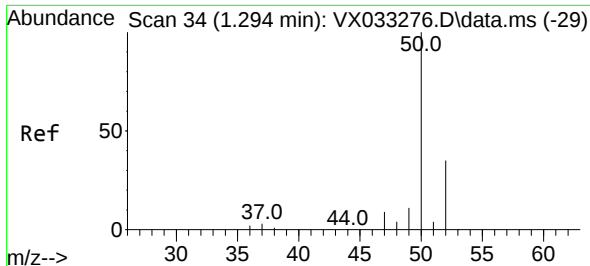
Reviewed By :John Carlone 12/09/2022
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#2
Dichlorodifluoromethane
Concen: 46.365 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

Tgt Ion: 85 Resp: 55914
Ion Ratio Lower Upper
85 100
87 33.1 15.6 46.7





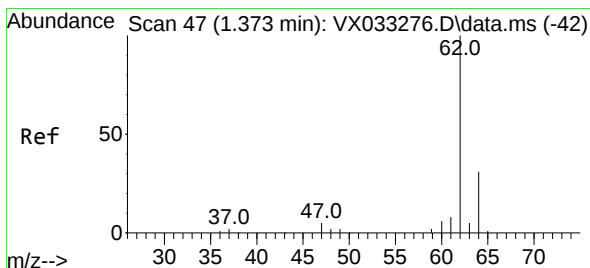
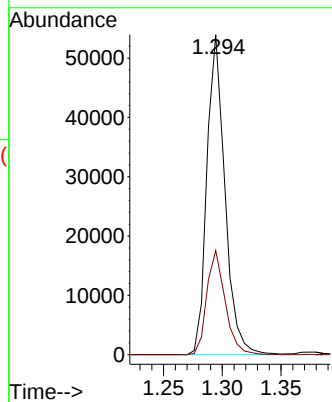
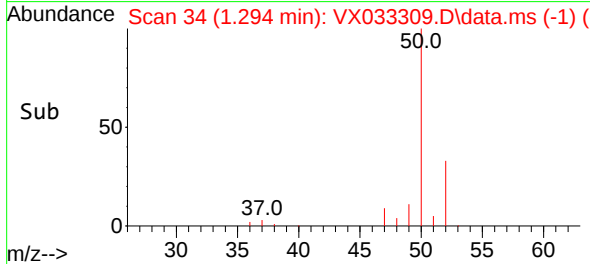
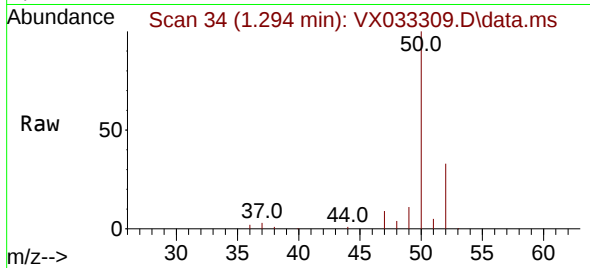
#3
Chloromethane
Concen: 41.396 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

Instrument :
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VSTDCCC050

Tgt Ion: 50 Resp: 5772
Ion Ratio Lower Upper
50 100
52 32.5 25.4 38.2

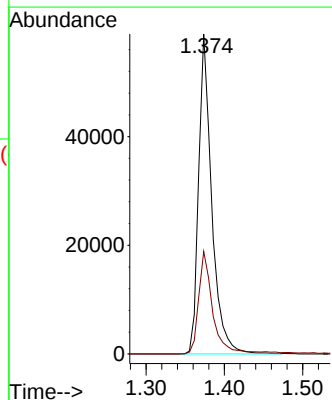
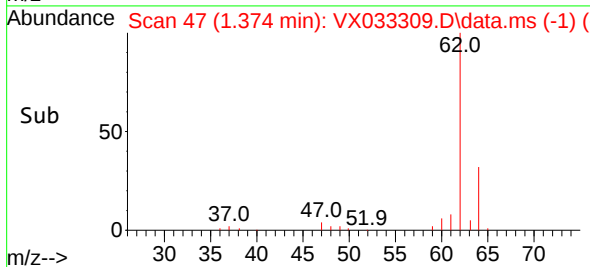
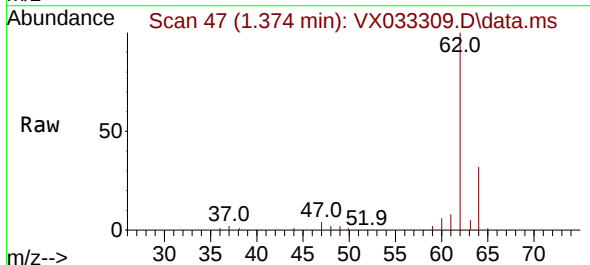
Manual Integrations
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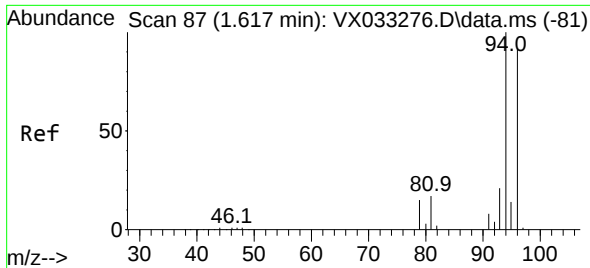
Reviewed By :John Carlone 12/09/2022
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#4
Vinyl Chloride
Concen: 43.140 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

Tgt Ion: 62 Resp: 68683
Ion Ratio Lower Upper
62 100
64 32.0 25.8 38.6





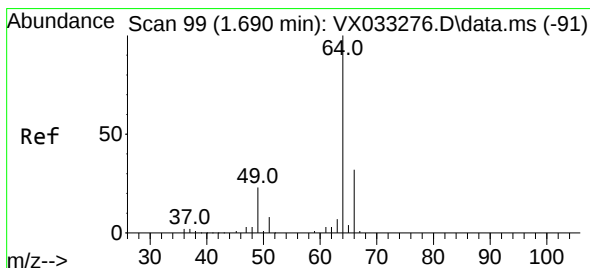
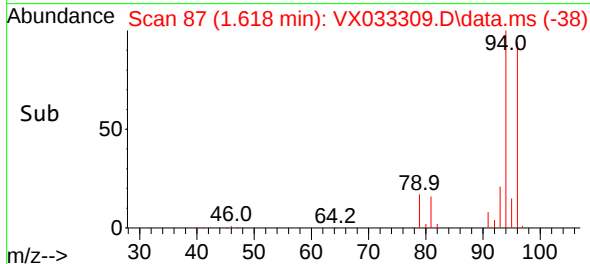
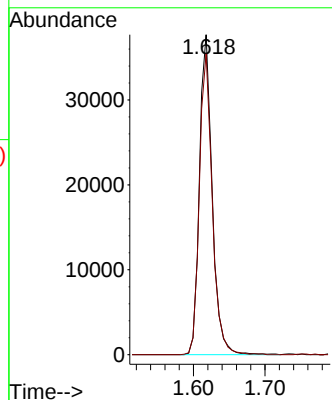
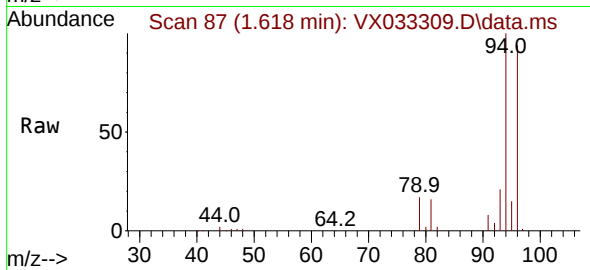
#5
Bromomethane
Concen: 39.924 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 94 Resp: 46640
Ion Ratio Lower Upper
94 100
96 94.0 77.6 116.4

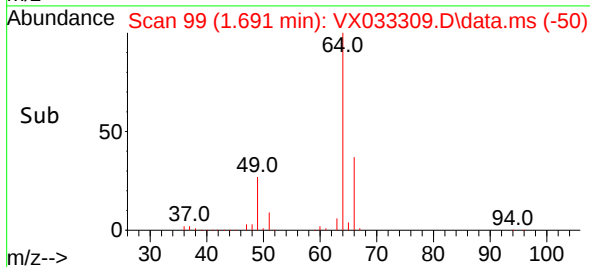
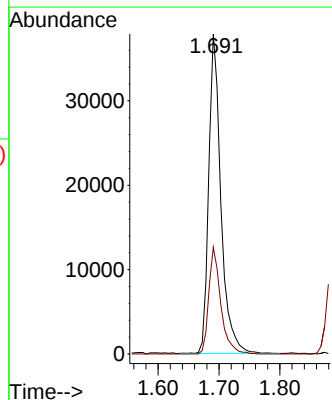
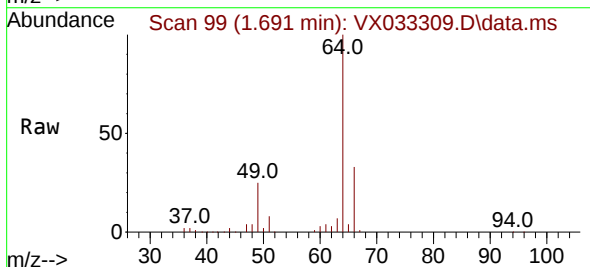
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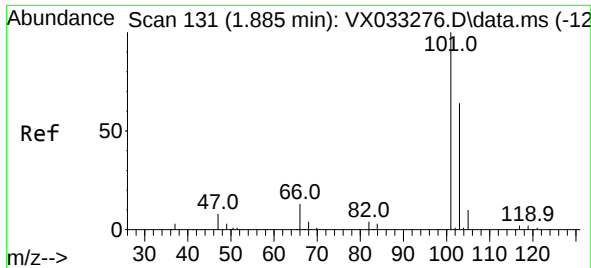
Reviewed By :John Carlone 12/09/2022
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#6
Chloroethane
Concen: 43.530 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

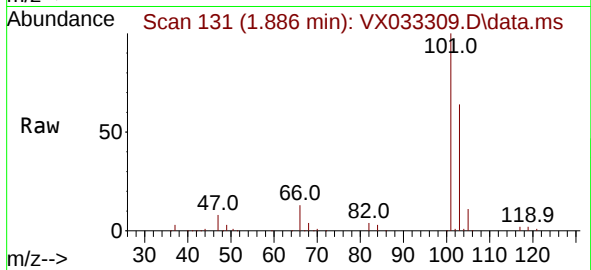
Tgt Ion: 64 Resp: 52568
Ion Ratio Lower Upper
64 100
66 33.4 26.0 39.0





#7
Trichlorofluoromethane
Concen: 46.248 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033309.D
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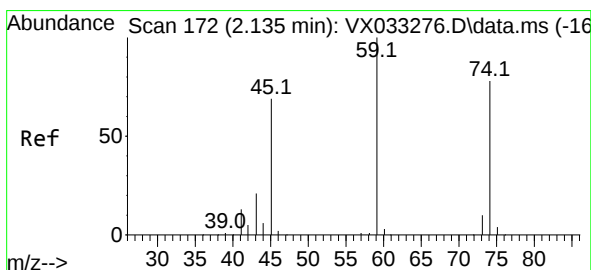
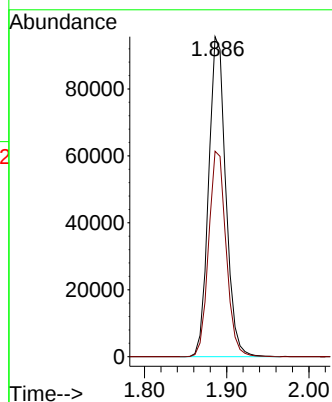
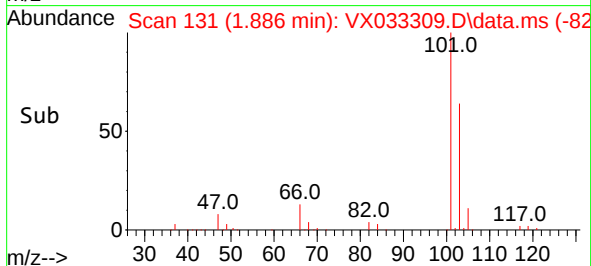
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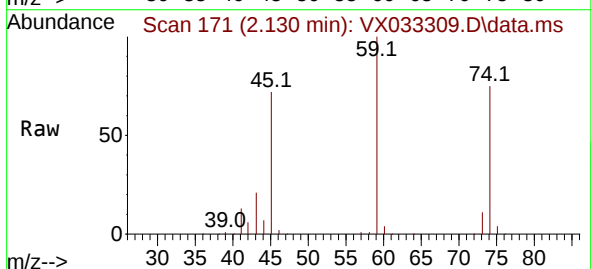
Tgt Ion:101 Resp: 13823
Ion Ratio Lower Upper
101 100
103 64.2 51.4 77.2

Manual Integrations
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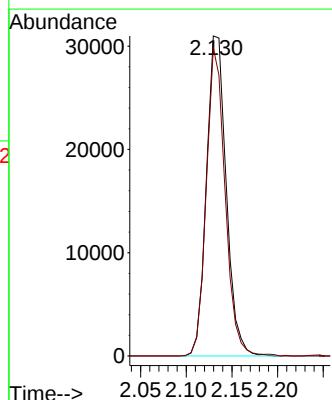
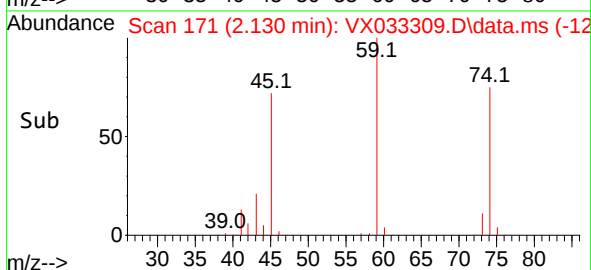
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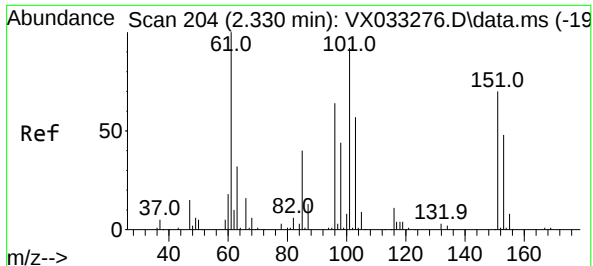


#8
Diethyl Ether
Concen: 43.148 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29



Tgt Ion: 74 Resp: 46583
Ion Ratio Lower Upper
74 100
45 91.6 46.6 139.7





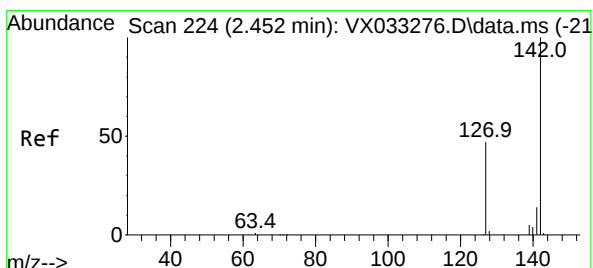
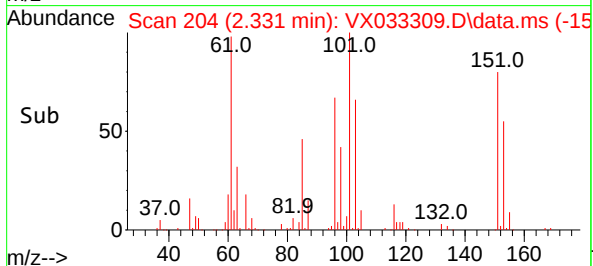
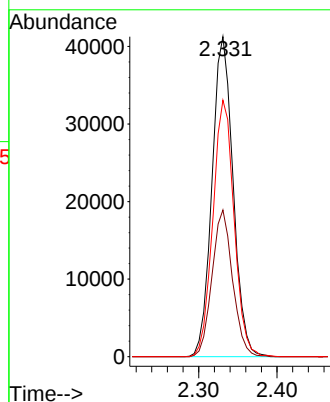
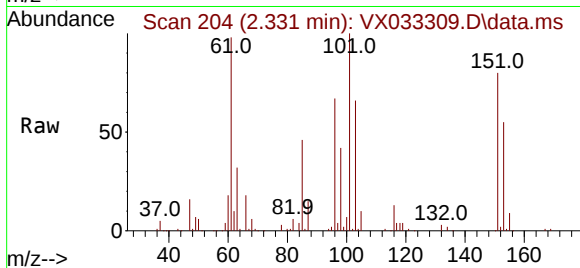
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.649 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

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Tgt Ion:101 Resp: 77135
Ion Ratio Lower Upper
101 100
85 44.7 37.0 55.4
151 80.6 64.4 96.6

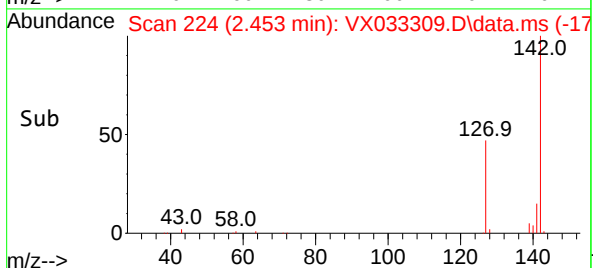
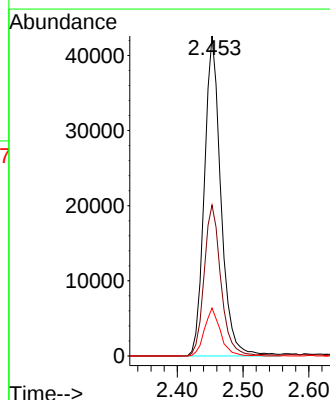
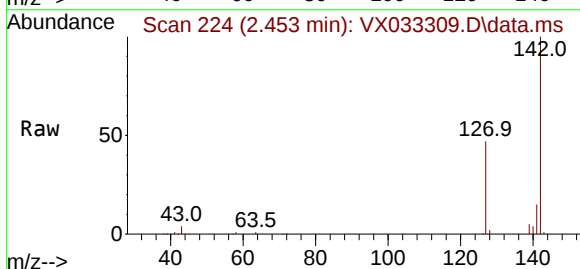
Manual Integrations
APPROVED

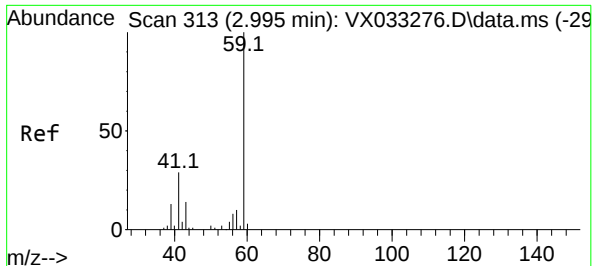
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#10
Methyl Iodide
Concen: 43.000 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

Tgt Ion:142 Resp: 74671
Ion Ratio Lower Upper
142 100
127 47.7 38.6 57.8
141 14.4 11.4 17.2





#11

Tert butyl alcohol

Concen: 201.821 ug/l m

RT: 3.020 min Scan# 31

Delta R.T. 0.025 min

Lab File: VX033309.D

Acq: 08 Dec 2022 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 68338

Ion Ratio Lower Upper

59 100

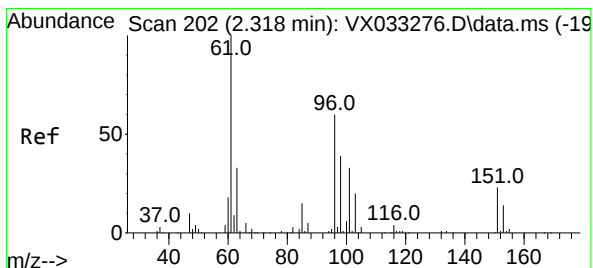
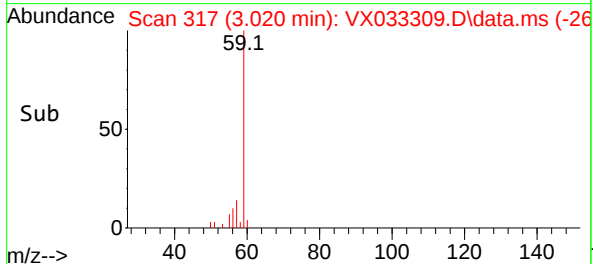
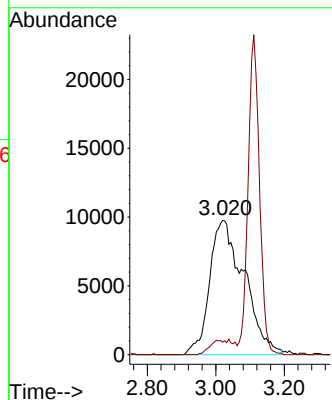
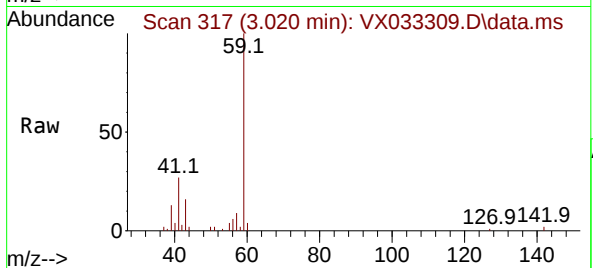
57 4.0 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/09/2022

Supervised By :Mahesh Dadoda 12/09/2022



#12

1,1-Dichloroethene

Concen: 46.076 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX033309.D

Acq: 08 Dec 2022 09:29

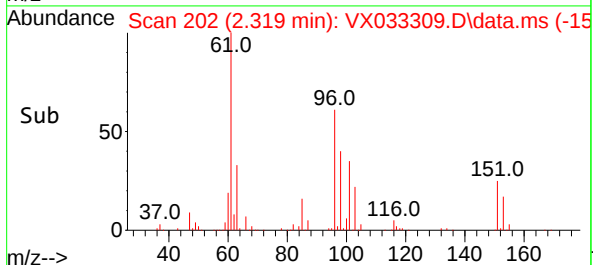
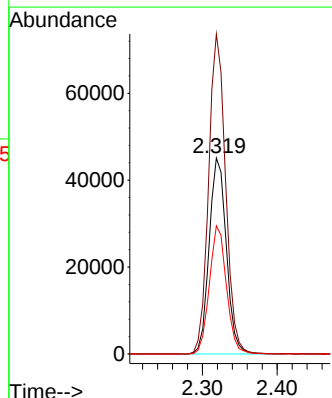
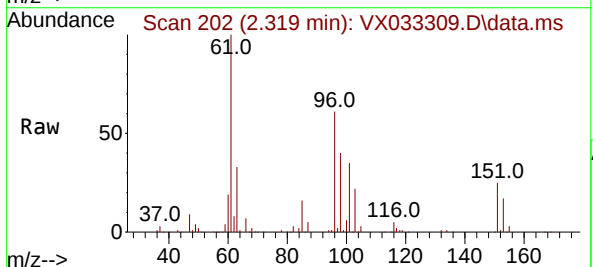
Tgt Ion: 96 Resp: 72114

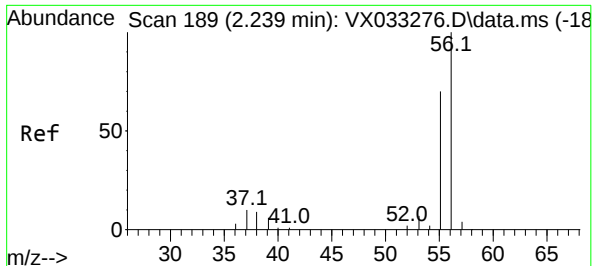
Ion Ratio Lower Upper

96 100

61 163.3 125.1 187.7

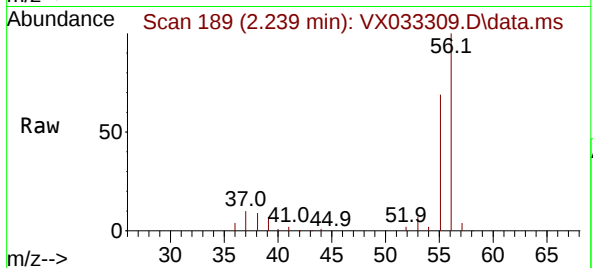
98 65.4 50.6 76.0





#13
Acrolein
Concen: 207.558 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

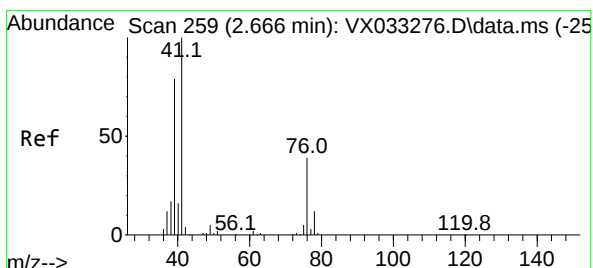
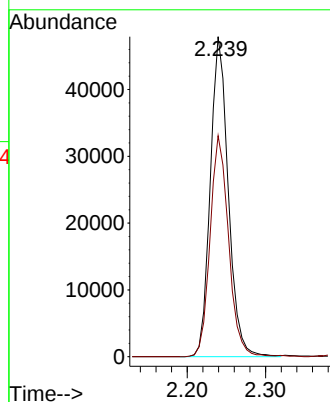
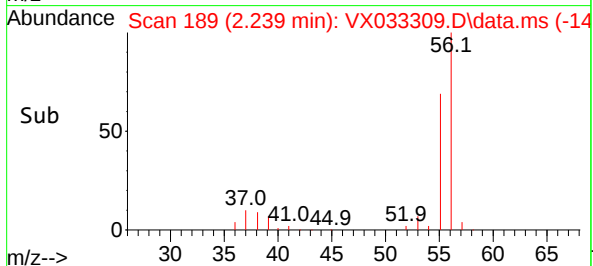
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



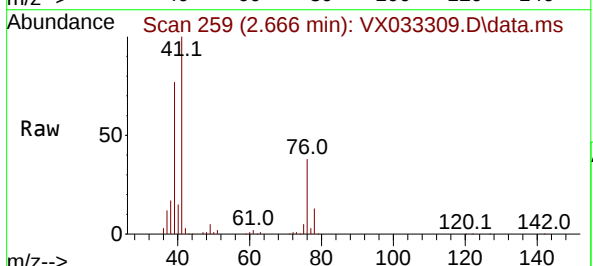
Tgt Ion: 56 Resp: 7622
Ion Ratio Lower Upper
56 100
55 71.0 56.9 85.3

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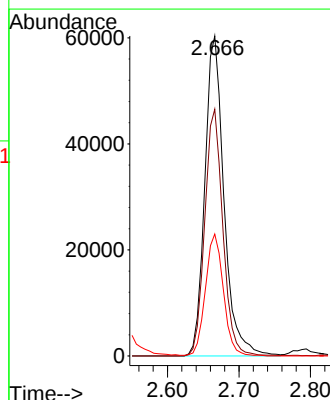
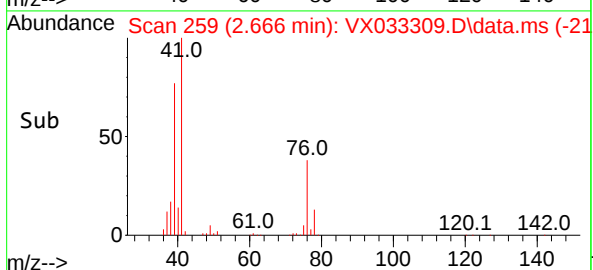
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022

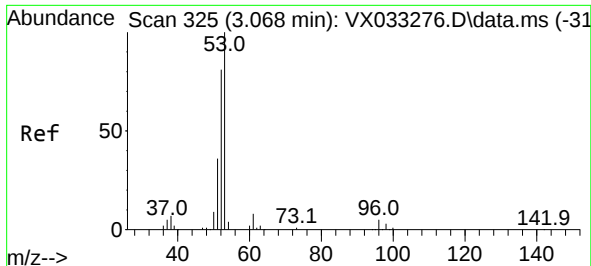


#14
Allyl chloride
Concen: 45.013 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29



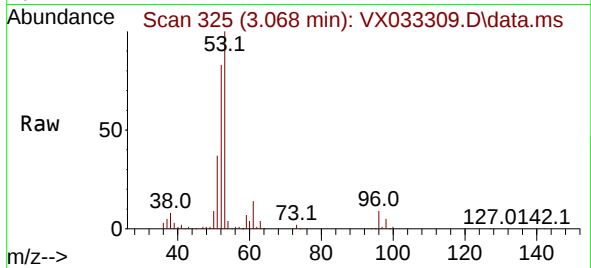
Tgt Ion: 41 Resp: 112505
Ion Ratio Lower Upper
41 100
39 72.9 61.4 92.2
76 35.8 29.2 43.8





#15
Acrylonitrile
Concen: 207.310 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

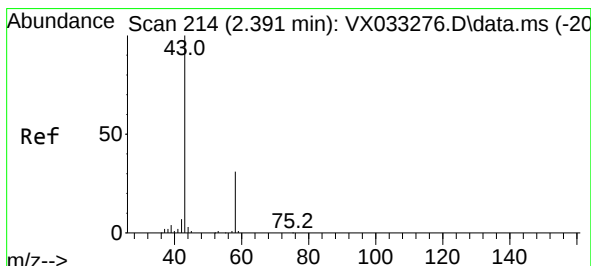
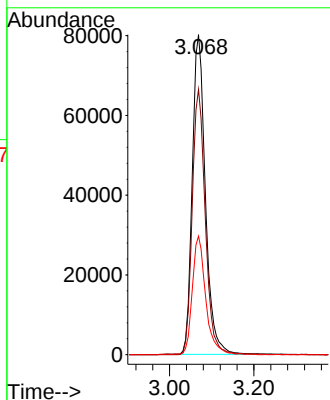
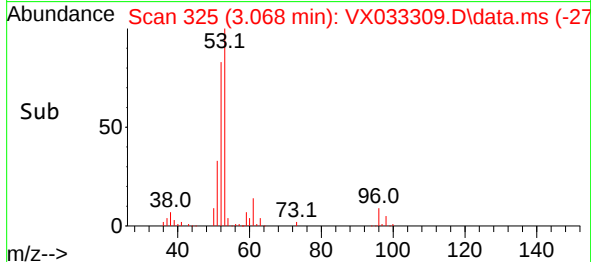
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



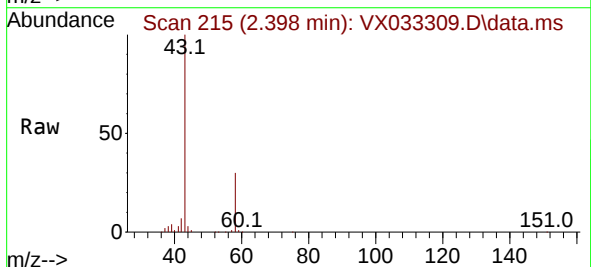
Tgt Ion: 53 Resp: 173880
Ion Ratio Lower Upper
53 100
52 82.8 67.4 101.0
51 38.1 30.3 45.5

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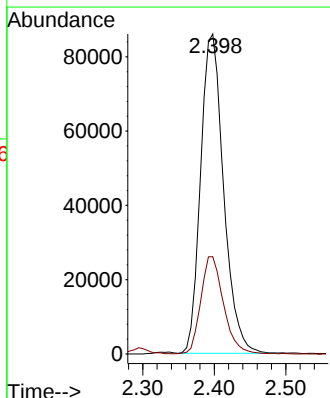
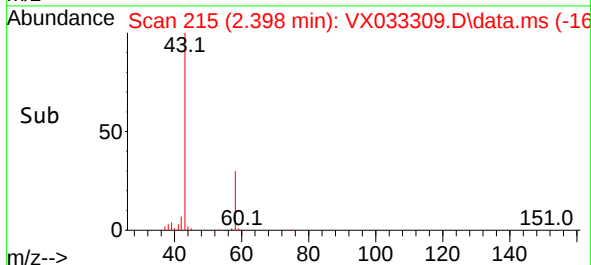
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022

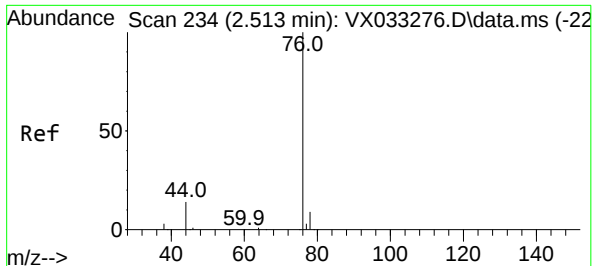


#16
Acetone
Concen: 234.248 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29



Tgt Ion: 43 Resp: 191975
Ion Ratio Lower Upper
43 100
58 30.4 23.8 35.8





#17

Carbon Disulfide

Concen: 44.478 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX033309.D

Acq: 08 Dec 2022 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 178664

Ion Ratio Lower Upper

76 100

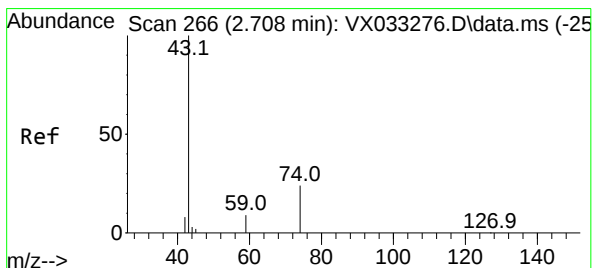
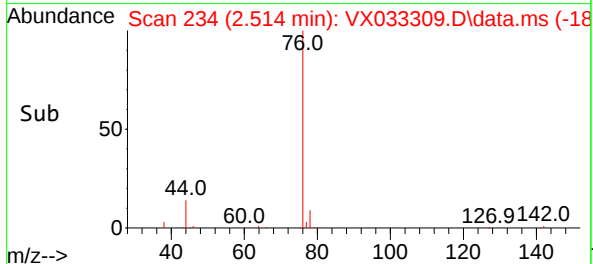
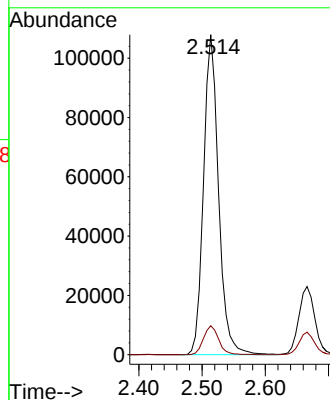
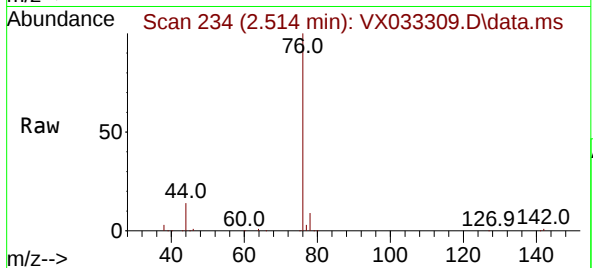
78 9.0 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/09/2022

Supervised By :Mahesh Dadoda 12/09/2022



#18

Methyl Acetate

Concen: 42.220 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.000 min

Lab File: VX033309.D

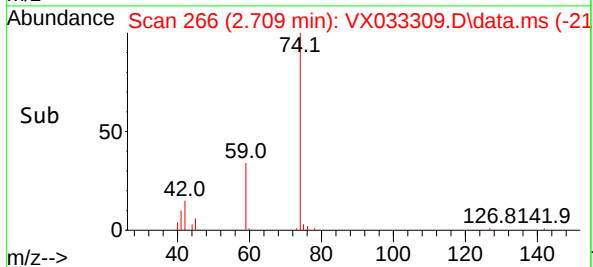
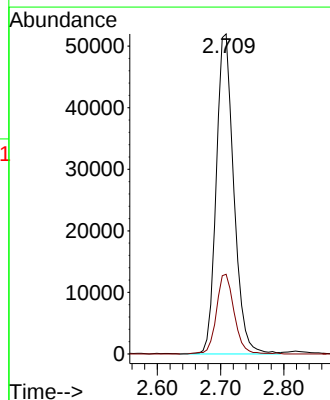
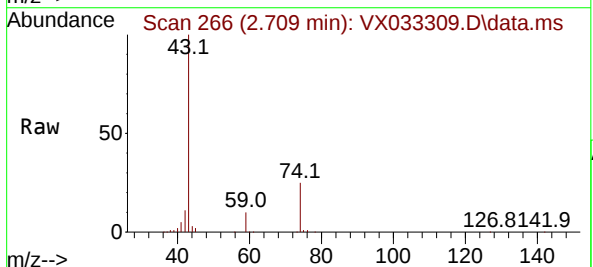
Acq: 08 Dec 2022 09:29

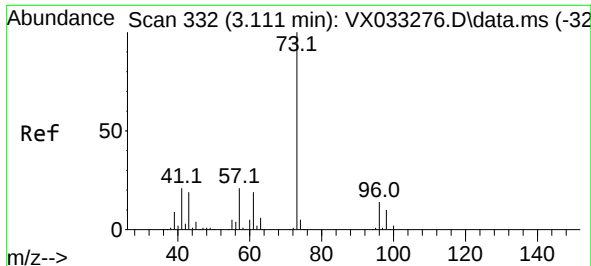
Tgt Ion: 43 Resp: 100166

Ion Ratio Lower Upper

43 100

74 25.1 19.4 29.0





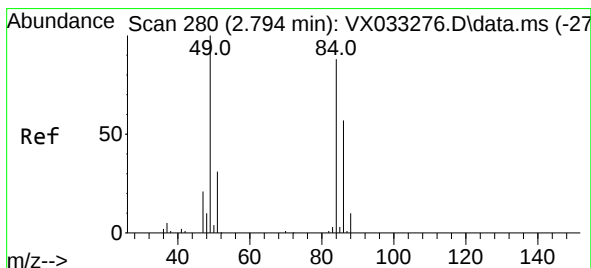
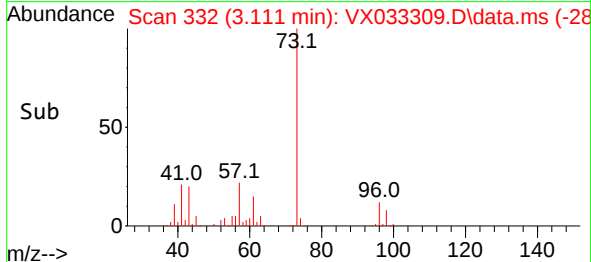
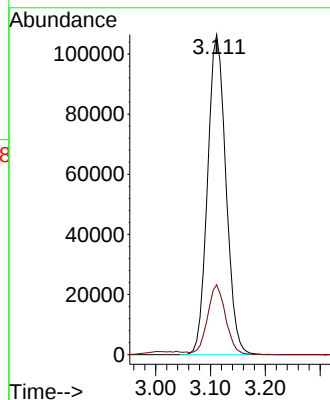
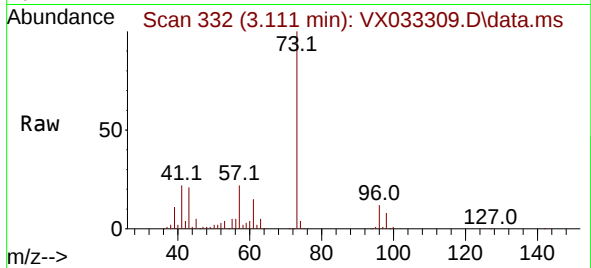
#19
Methyl tert-butyl Ether
Concen: 45.554 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 246959
Ion Ratio Lower Upper
73 100
57 21.8 16.6 25.0

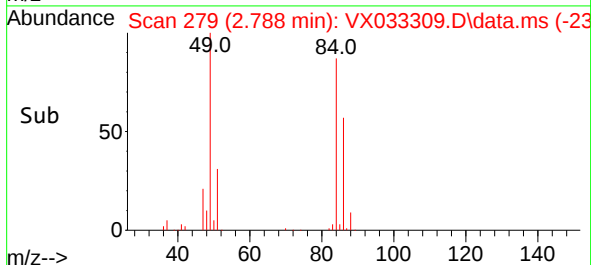
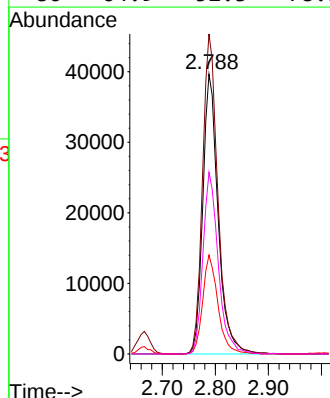
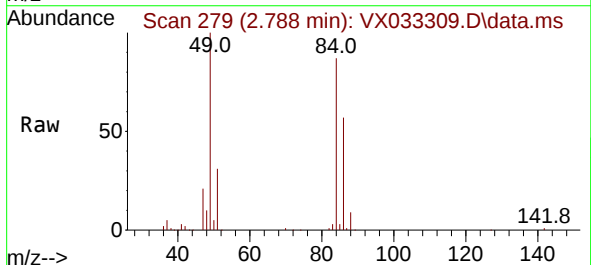
Manual Integrations
APPROVED

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



#20
Methylene Chloride
Concen: 43.505 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

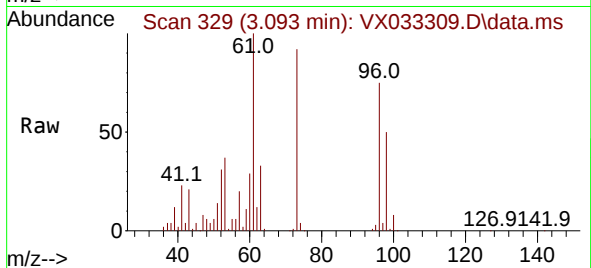
Tgt Ion: 84 Resp: 79514
Ion Ratio Lower Upper
84 100
49 114.4 101.0 151.6
51 35.4 31.1 46.7
86 64.9 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 46.019 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

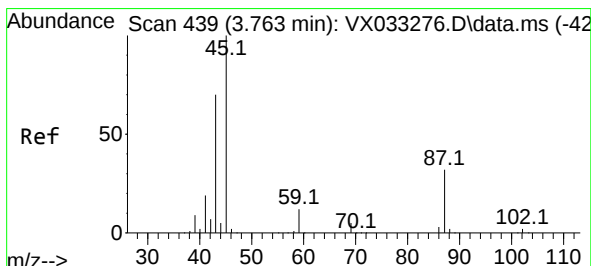
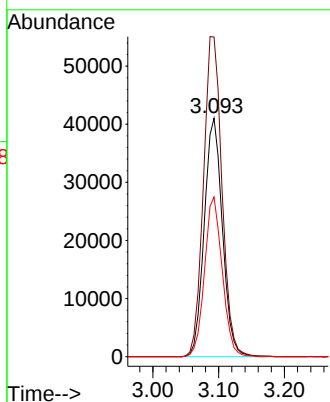
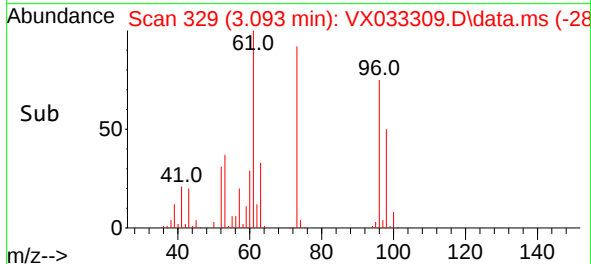
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



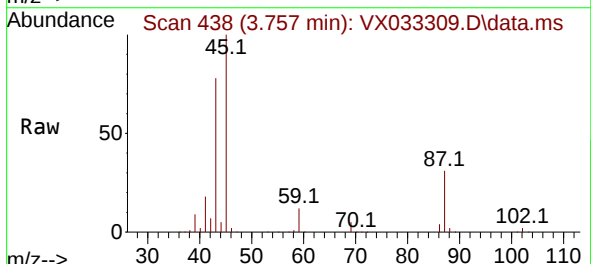
Tgt Ion: 96 Resp: 7878
Ion Ratio Lower Upper
96 100
61 134.1 106.6 160.0
98 67.0 51.0 76.6

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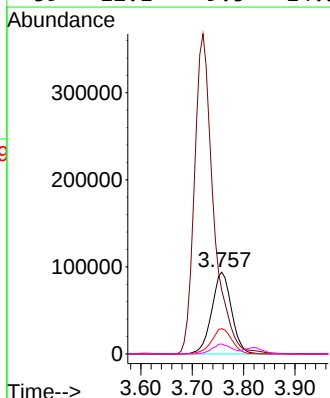
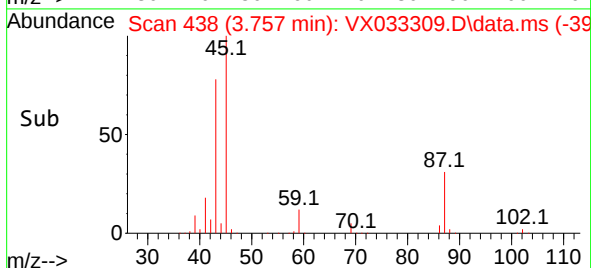
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022

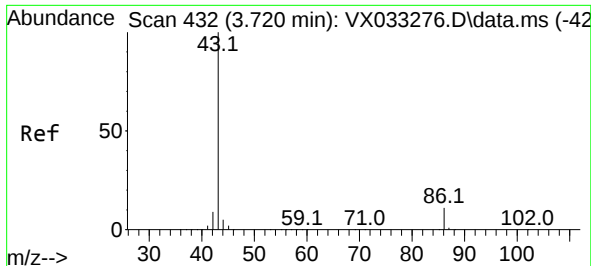


#22
Diisopropyl ether
Concen: 46.918 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29



Tgt Ion: 45 Resp: 251244
Ion Ratio Lower Upper
45 100
43 77.3 56.4 84.6
87 31.0 24.4 36.6
59 12.1 9.5 14.3





#23

Vinyl Acetate

Concen: 228.181 ug/l

RT: 3.721 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX033309.D

Acq: 08 Dec 2022 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 948400

Ion Ratio Lower Upper

43 100

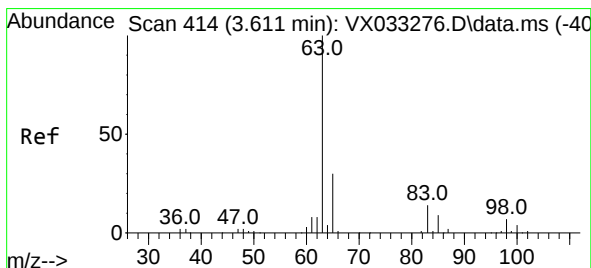
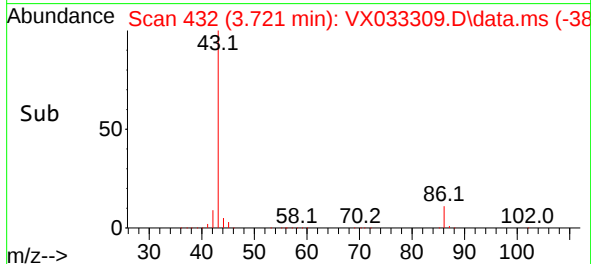
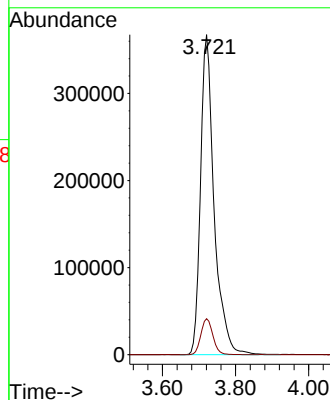
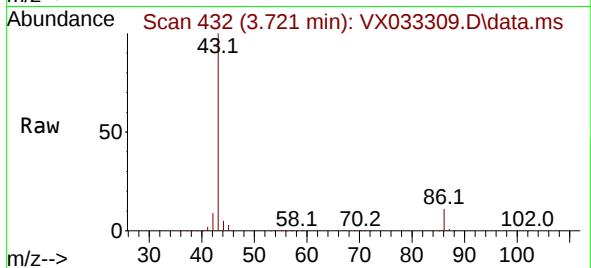
86 11.2 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/09/2022

Supervised By :Mahesh Dadoda 12/09/2022



#24

1,1-Dichloroethane

Concen: 44.784 ug/l

RT: 3.611 min Scan# 414

Delta R.T. 0.000 min

Lab File: VX033309.D

Acq: 08 Dec 2022 09:29

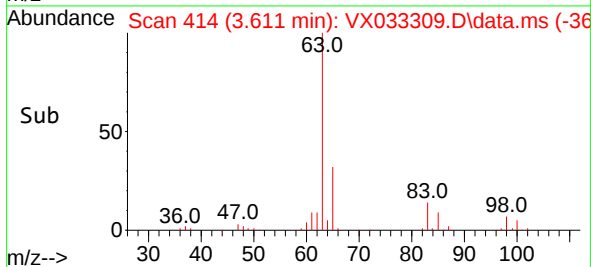
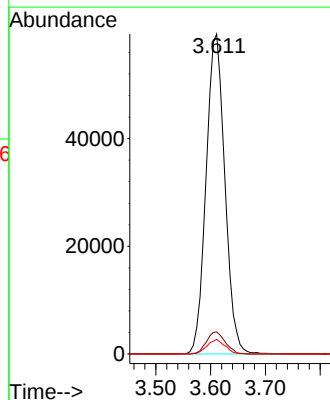
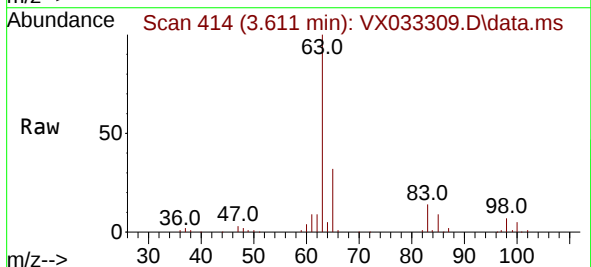
Tgt Ion: 63 Resp: 140906

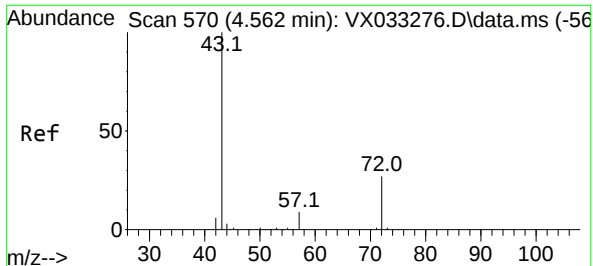
Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.4

100 4.6 2.3 6.8





#25

2-Butanone

Concen: 221.826 ug/l

RT: 4.562 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX033309.D

Acq: 08 Dec 2022 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 26095

Ion Ratio Lower Upper

43 100

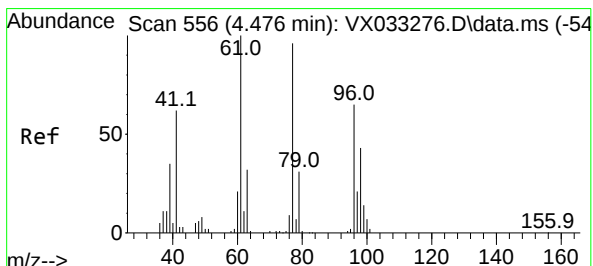
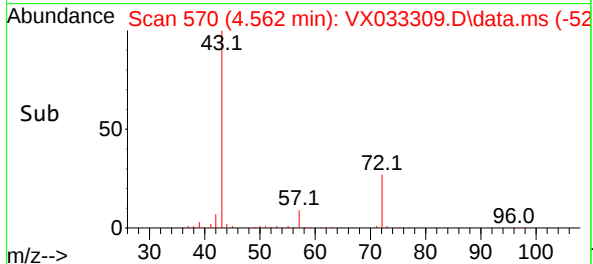
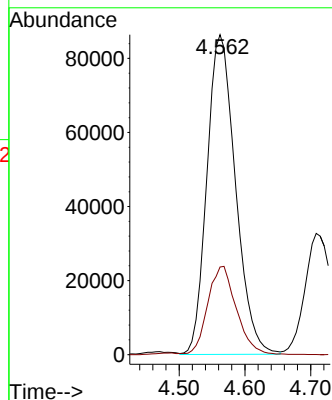
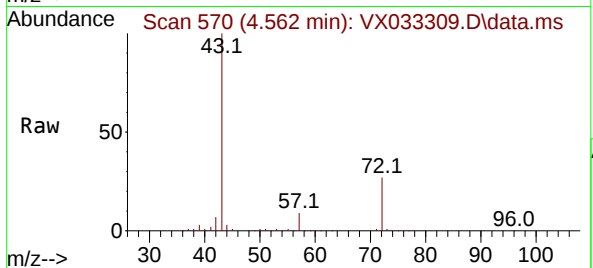
72 27.2 22.2 33.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/09/2022

Supervised By :Mahesh Dadoda 12/09/2022



#26

2,2-Dichloropropane

Concen: 48.871 ug/l

RT: 4.477 min Scan# 556

Delta R.T. 0.000 min

Lab File: VX033309.D

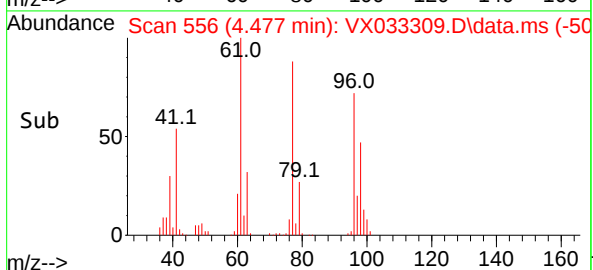
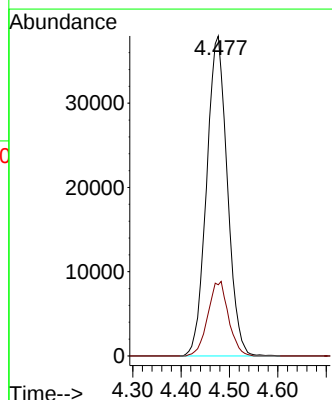
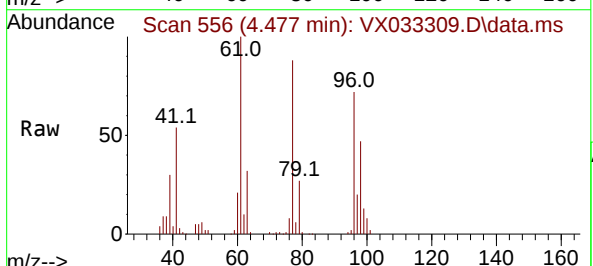
Acq: 08 Dec 2022 09:29

Tgt Ion: 77 Resp: 113079

Ion Ratio Lower Upper

77 100

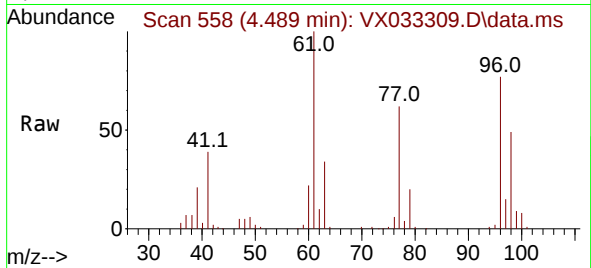
97 23.2 11.4 34.1





#27
 cis-1,2-Dichloroethene
 Concen: 46.239 ug/l
 RT: 4.489 min Scan# 558
 Delta R.T. 0.000 min
 Lab File: VX033309.D
 Acq: 08 Dec 2022 09:29

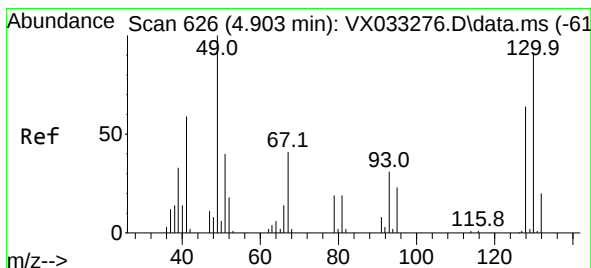
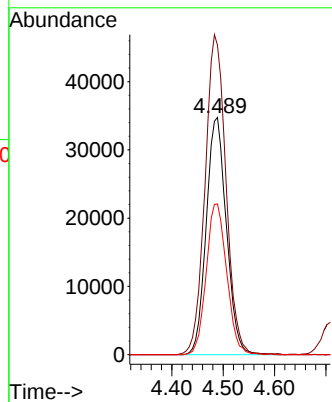
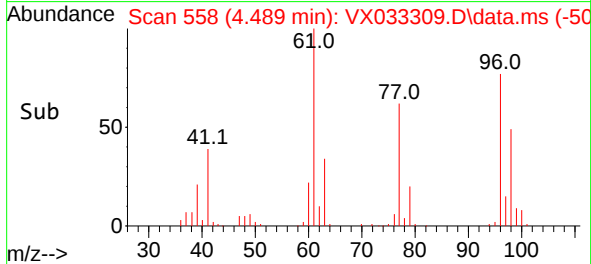
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



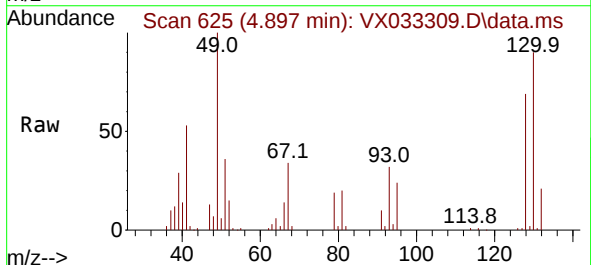
Tgt Ion: 96 Resp: 94609
 Ion Ratio Lower Upper
 96 100
 61 139.9 0.0 286.0
 98 64.6 0.0 129.6

Manual Integrations
 APPROVED

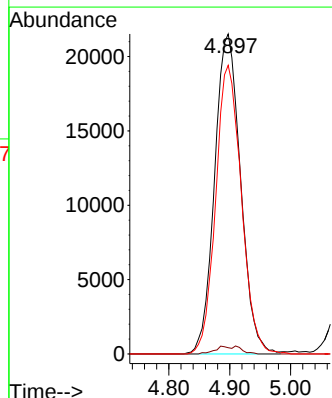
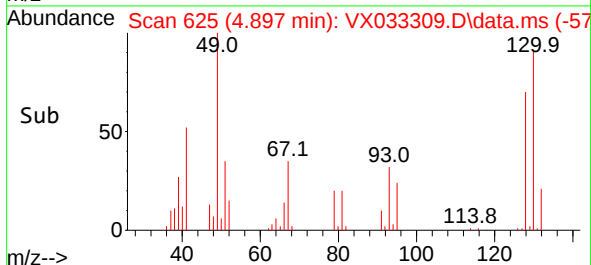
Reviewed By :John Carlone 12/09/2022
 Supervised By :Mahesh Dadoda 12/09/2022

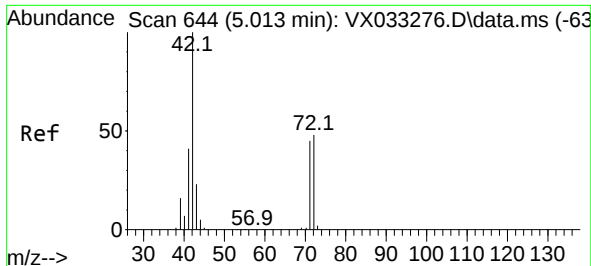


#28
 Bromochloromethane
 Concen: 48.404 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. -0.006 min
 Lab File: VX033309.D
 Acq: 08 Dec 2022 09:29



Tgt Ion: 49 Resp: 63752
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 3.8
 130 89.0 67.5 101.3





#29

Tetrahydrofuran

Concen: 207.242 ug/l

RT: 5.007 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX033309.D

Acq: 08 Dec 2022 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 157950

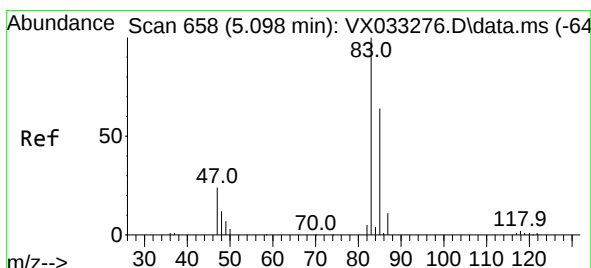
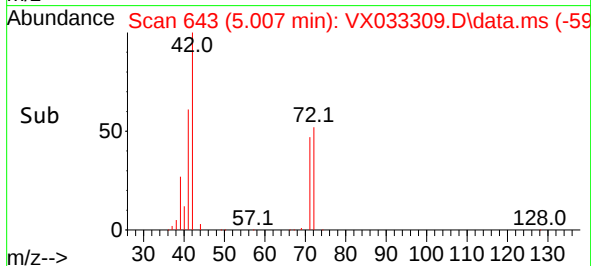
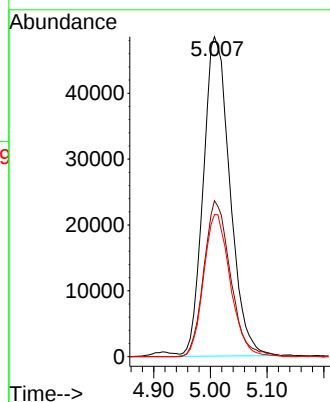
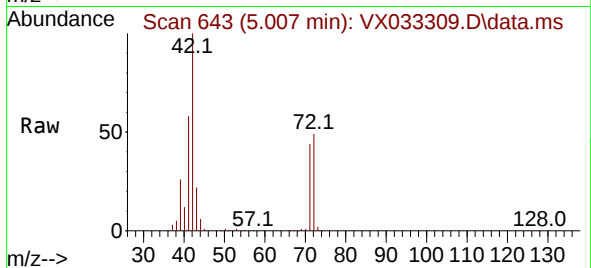
Ion	Ratio	Lower	Upper
42	100		
72	49.0	37.6	56.4
71	44.7	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/09/2022

Supervised By :Mahesh Dadoda 12/09/2022



#30

Chloroform

Concen: 45.833 ug/l

RT: 5.093 min Scan# 657

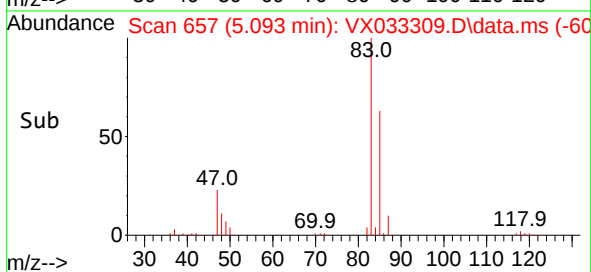
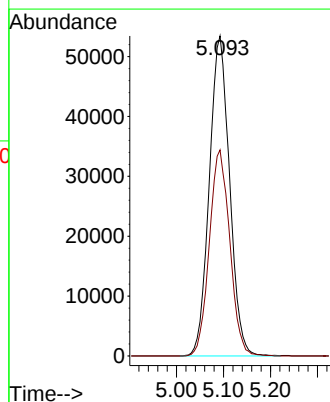
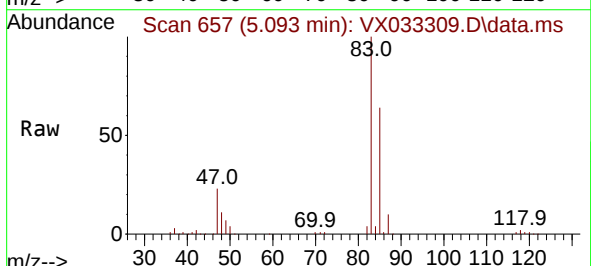
Delta R.T. -0.006 min

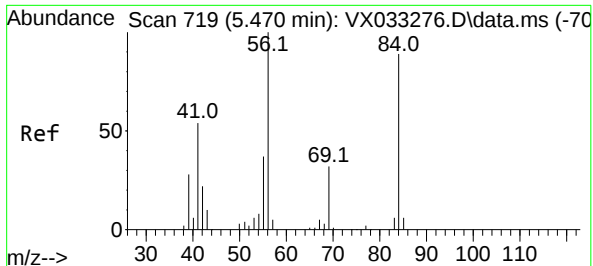
Lab File: VX033309.D

Acq: 08 Dec 2022 09:29

Tgt Ion: 83 Resp: 160095

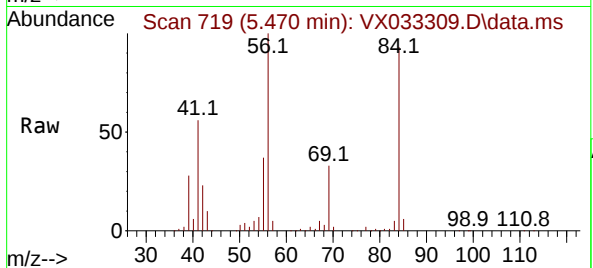
Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.1	76.7





#31
Cyclohexane
Concen: 48.435 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

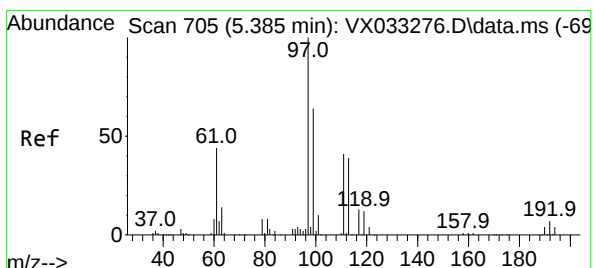
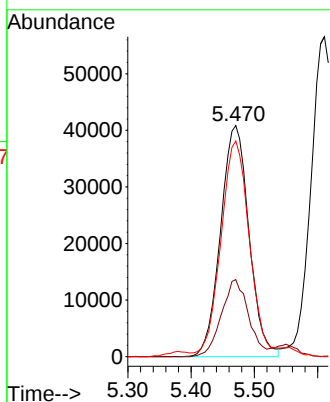
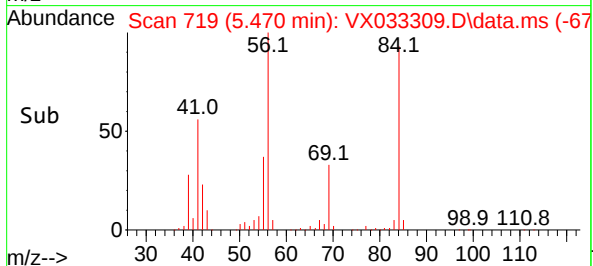
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 127486
Ion Ratio Lower Upper
56 100
69 33.4 24.1 36.1
84 90.9 66.9 100.3

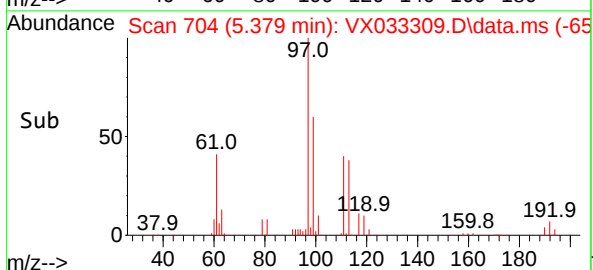
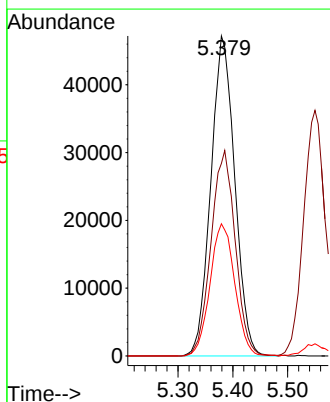
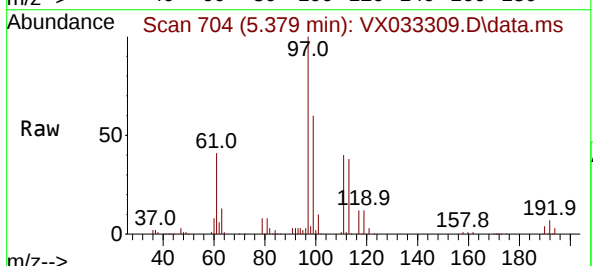
Manual Integrations
APPROVED

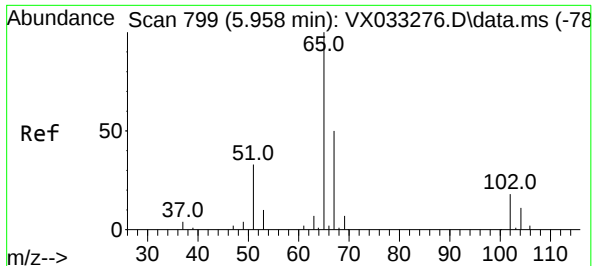
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#32
1,1,1-Trichloroethane
Concen: 47.659 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

Tgt Ion: 97 Resp: 143231
Ion Ratio Lower Upper
97 100
99 65.1 51.4 77.0
61 42.8 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 44.370 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033309.D

Acq: 08 Dec 2022 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 4914

Ion Ratio Lower Upper

65 100

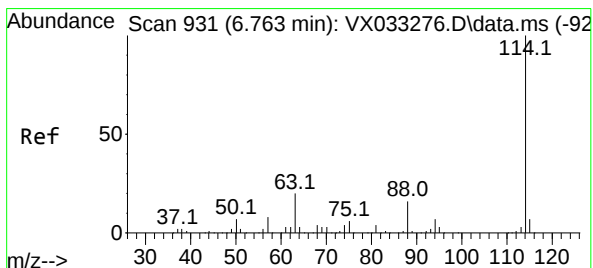
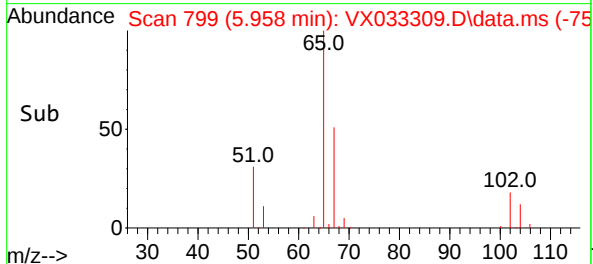
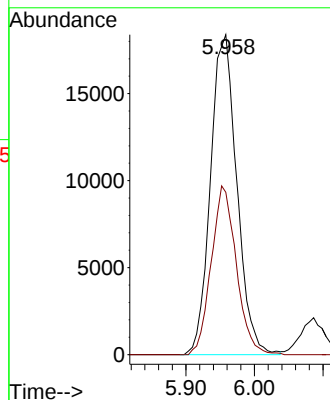
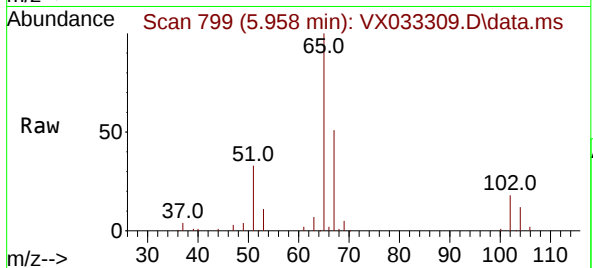
67 50.3 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/09/2022

Supervised By :Mahesh Dadoda 12/09/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX033309.D

Acq: 08 Dec 2022 09:29

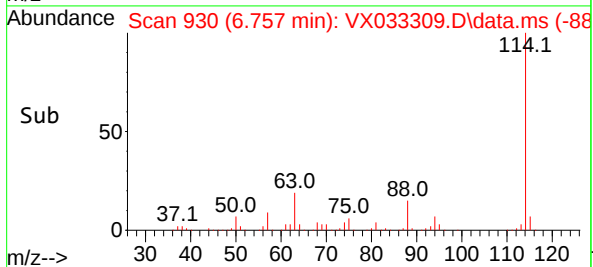
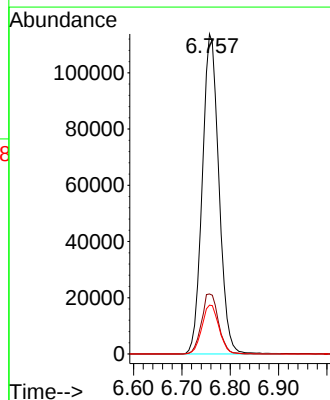
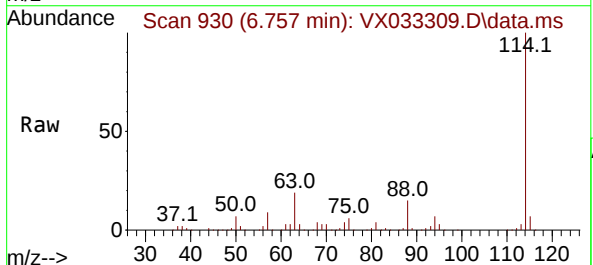
Tgt Ion:114 Resp: 271205

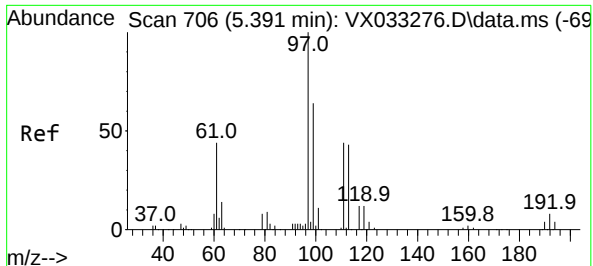
Ion Ratio Lower Upper

114 100

63 18.7 0.0 41.6

88 15.3 0.0 33.4





#35

Dibromofluoromethane

Concen: 45.122 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX033309.D

Acq: 08 Dec 2022 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

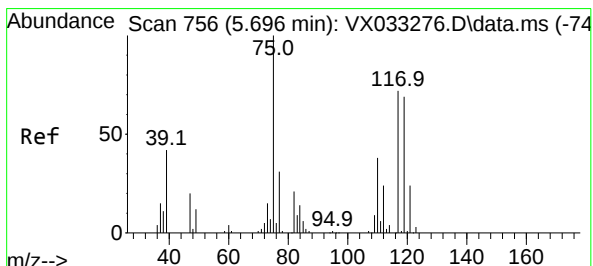
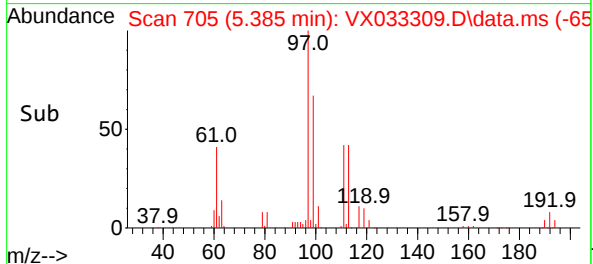
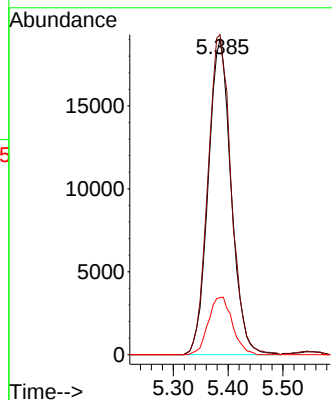
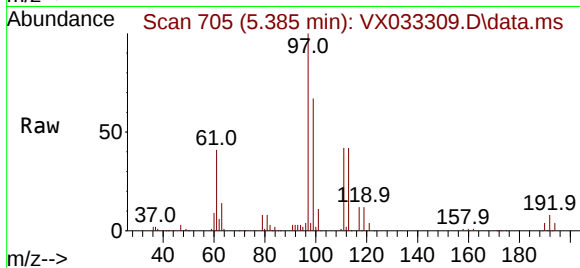
Tgt Ion:	113	Resp:	5504
Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.4	123.6
192	19.2	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/09/2022

Supervised By :Mahesh Dadoda 12/09/2022



#36

1,1-Dichloropropene

Concen: 48.935 ug/l

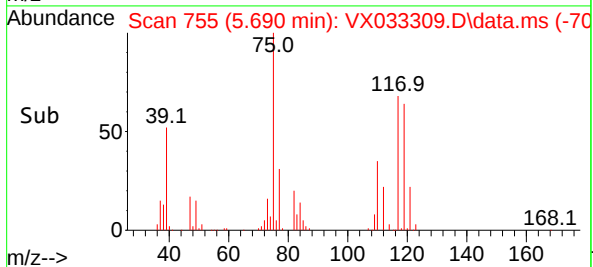
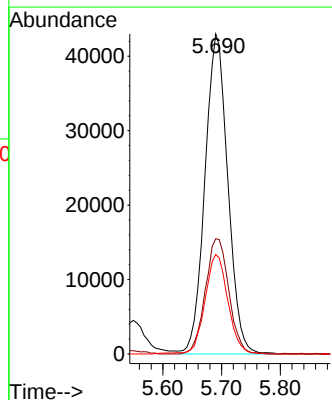
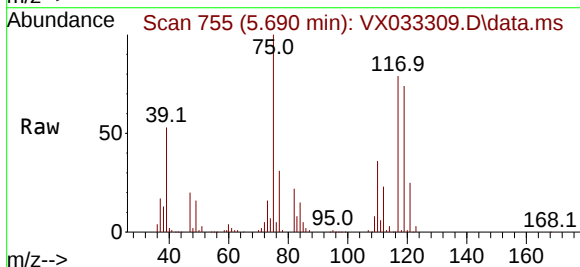
RT: 5.690 min Scan# 755

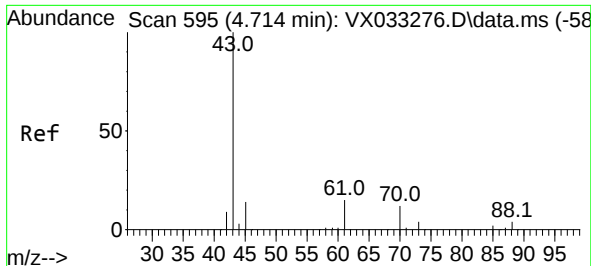
Delta R.T. -0.006 min

Lab File: VX033309.D

Acq: 08 Dec 2022 09:29

Tgt Ion:	75	Resp:	116379
Ion	Ratio	Lower	Upper
75	100		
110	37.0	18.4	55.2
77	31.1	24.5	36.7





#37

Ethyl Acetate

Concen: 43.682 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX033309.D

Acq: 08 Dec 2022 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

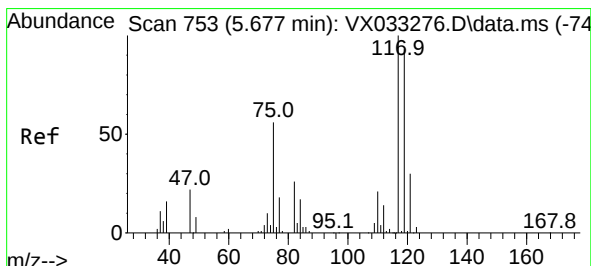
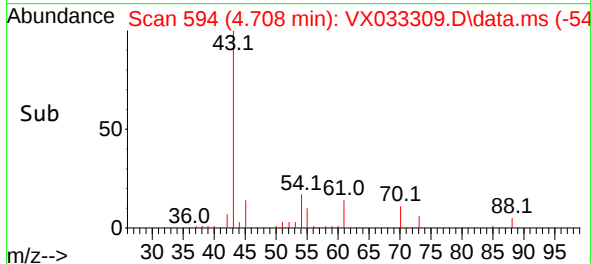
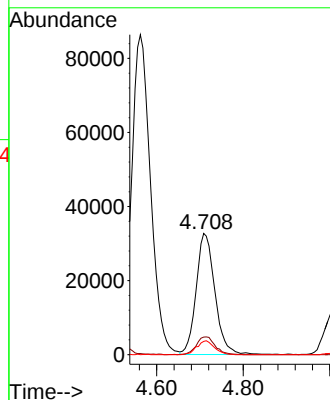
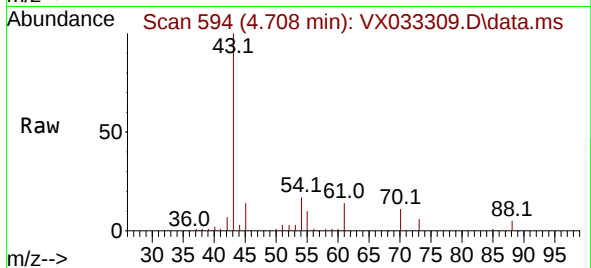
Tgt Ion:	43	Resp:	9820
Ion Ratio	Lower	Upper	
43	100		
61	14.8	11.5	17.3
70	10.8	9.1	13.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/09/2022

Supervised By :Mahesh Dadoda 12/09/2022



#38

Carbon Tetrachloride

Concen: 48.197 ug/l

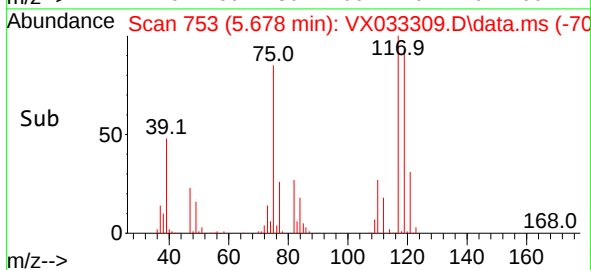
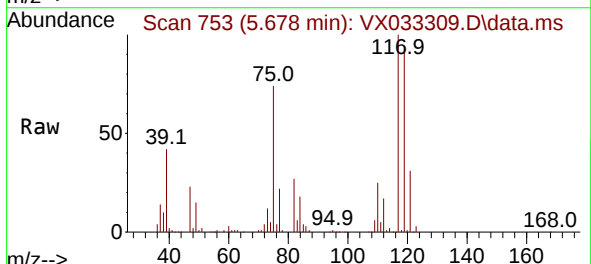
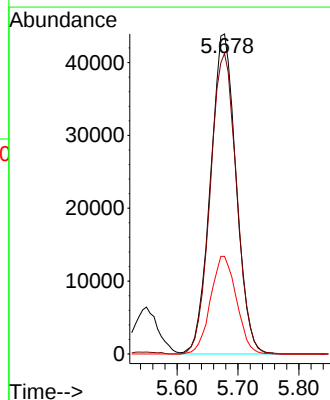
RT: 5.678 min Scan# 753

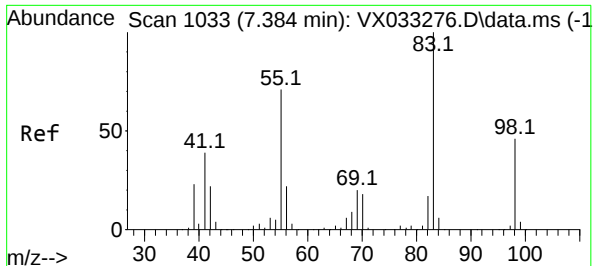
Delta R.T. 0.000 min

Lab File: VX033309.D

Acq: 08 Dec 2022 09:29

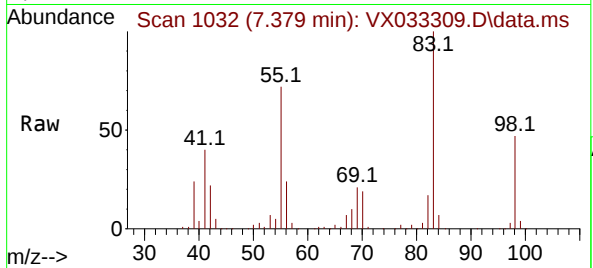
Tgt Ion:	117	Resp:	128427
Ion Ratio	Lower	Upper	
117	100		
119	93.9	77.2	115.8
121	30.5	25.8	38.6





#39
Methylcyclohexane
Concen: 51.924 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

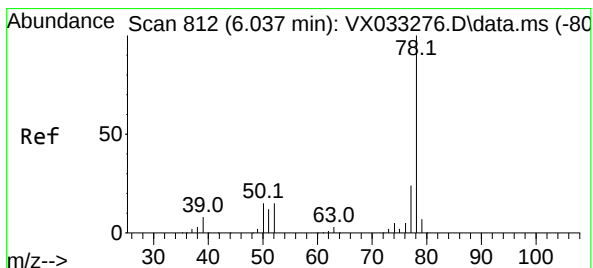
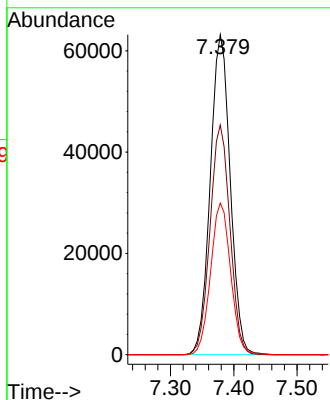
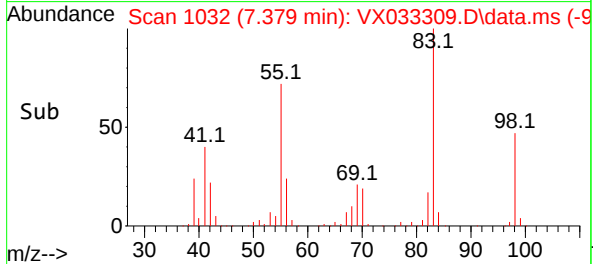
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 13822
Ion Ratio Lower Upper
83 100
55 71.8 58.4 87.6
98 47.4 37.2 55.8

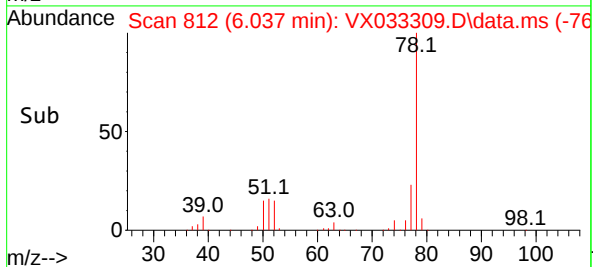
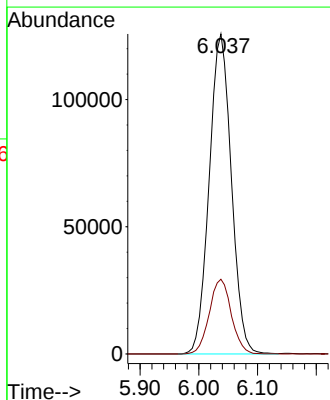
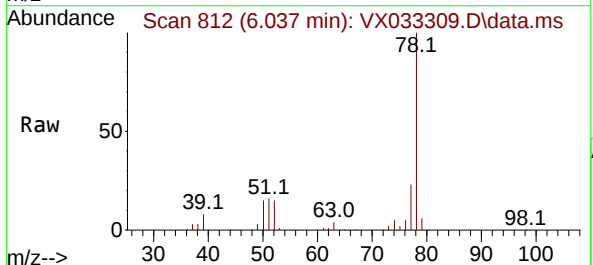
Manual Integrations
APPROVED

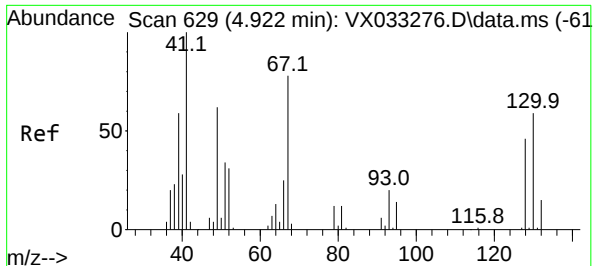
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#40
Benzene
Concen: 47.472 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

Tgt Ion: 78 Resp: 329183
Ion Ratio Lower Upper
78 100
77 23.4 19.0 28.4





#41
Methacrylonitrile
Concen: 46.780 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

Instrument :

MSVOA_X

ClientSampleId :

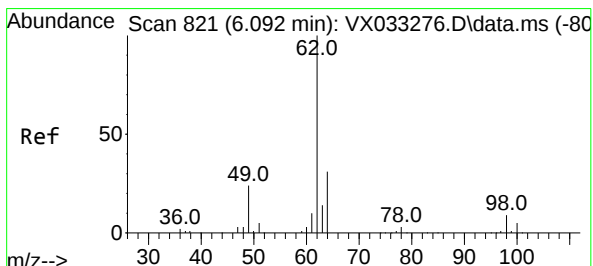
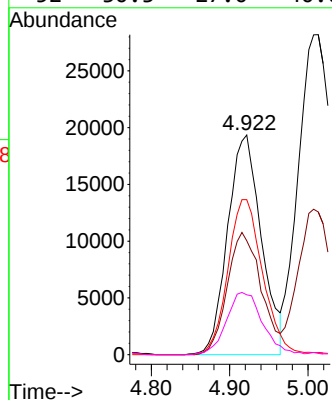
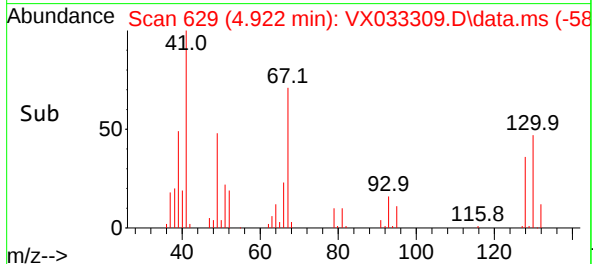
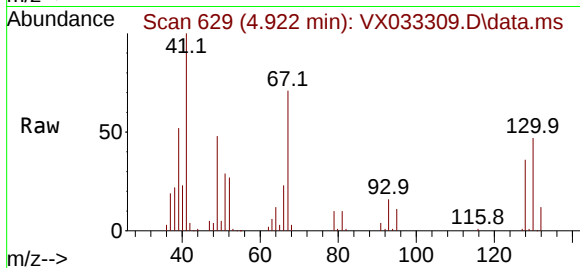
VSTDCCC050

Tgt Ion: 41 Resp: 57952
Ion Ratio Lower Upper
41 100
39 56.1 47.5 71.3
67 73.1 60.5 90.7
52 30.3 27.0 40.6

Manual Integrations

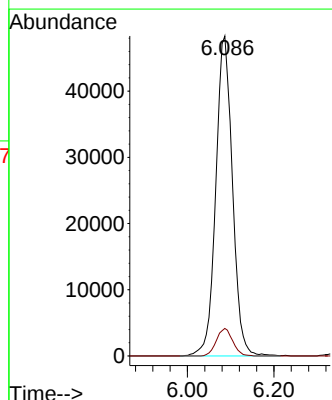
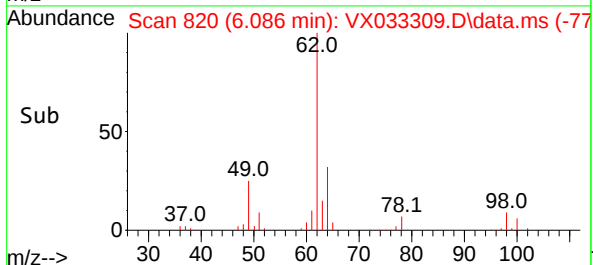
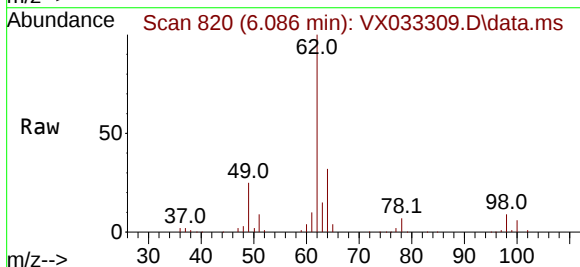
APPROVED

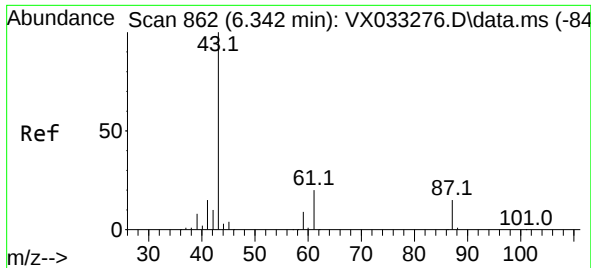
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#42
1,2-Dichloroethane
Concen: 47.033 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

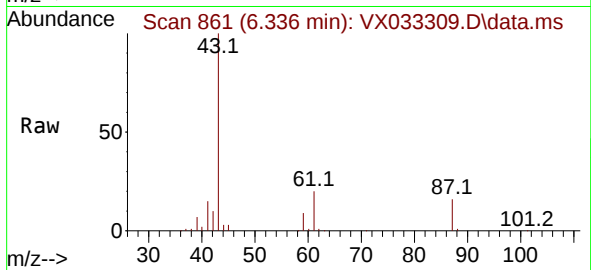
Tgt Ion: 62 Resp: 129509
Ion Ratio Lower Upper
62 100
98 8.4 0.0 16.0





#43
Isopropyl Acetate
Concen: 45.392 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

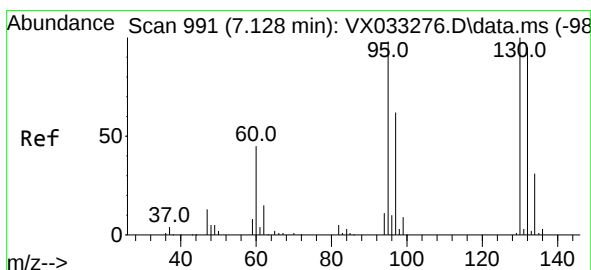
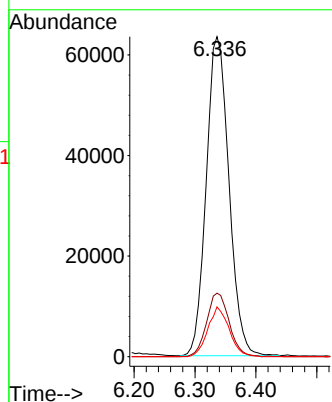
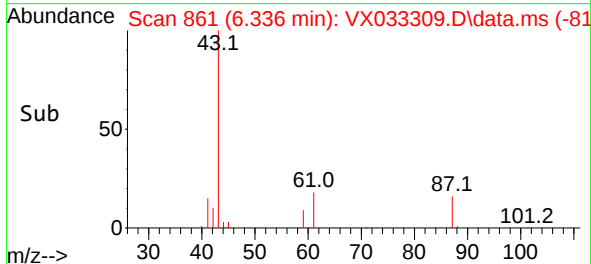
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 16419
Ion Ratio Lower Upper
43 100
61 19.8 15.4 23.0
87 14.7 10.8 16.2

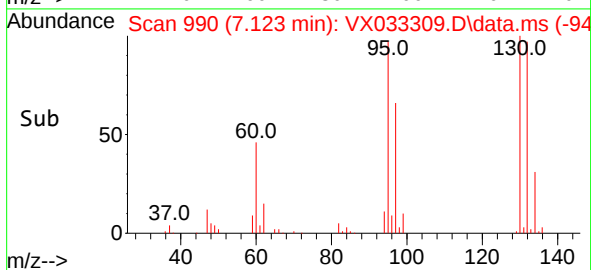
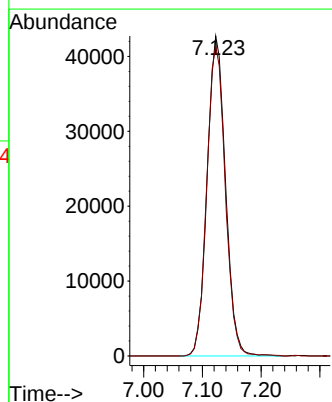
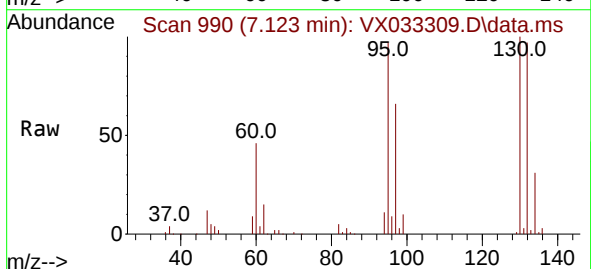
Manual Integrations
APPROVED

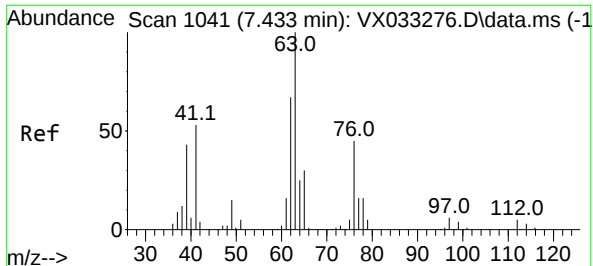
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#44
Trichloroethene
Concen: 48.486 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

Tgt Ion:130 Resp: 92698
Ion Ratio Lower Upper
130 100
95 96.9 0.0 195.2





#45

1,2-Dichloropropane

Concen: 47.225 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX033309.D

Acq: 08 Dec 2022 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 8374

Ion Ratio Lower Upper

63 100

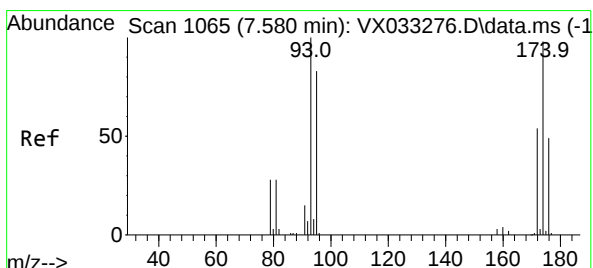
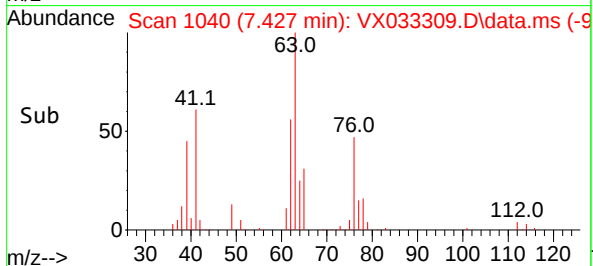
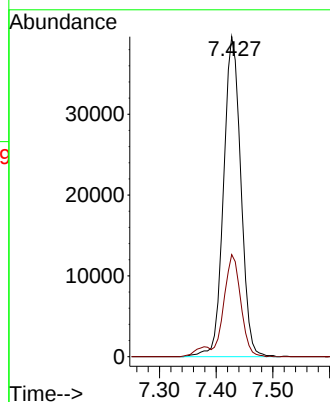
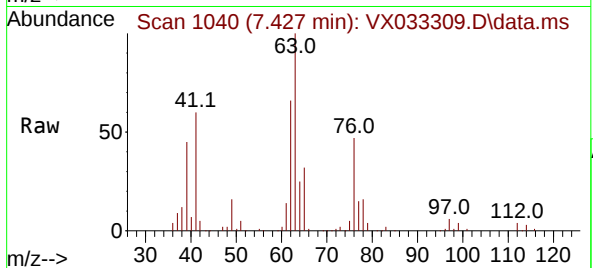
65 31.9 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/09/2022

Supervised By :Mahesh Dadoda 12/09/2022



#46

Dibromomethane

Concen: 45.912 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX033309.D

Acq: 08 Dec 2022 09:29

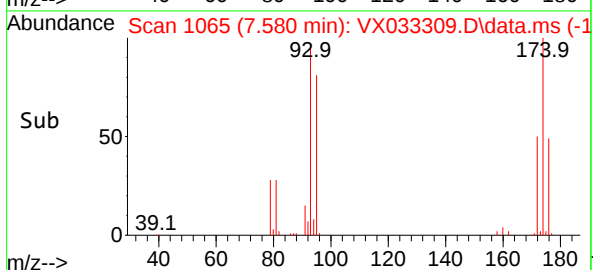
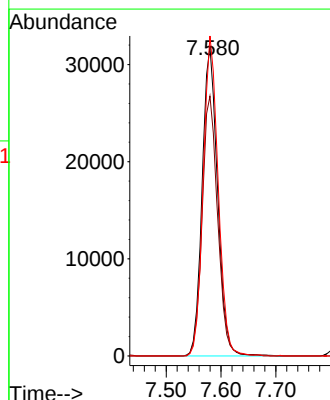
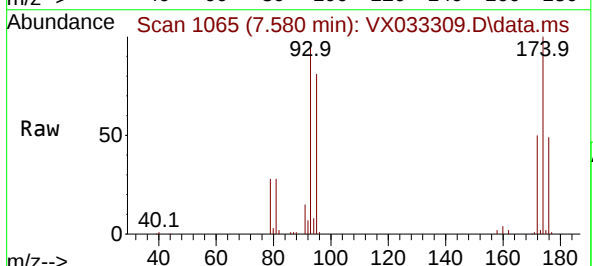
Tgt Ion: 93 Resp: 62024

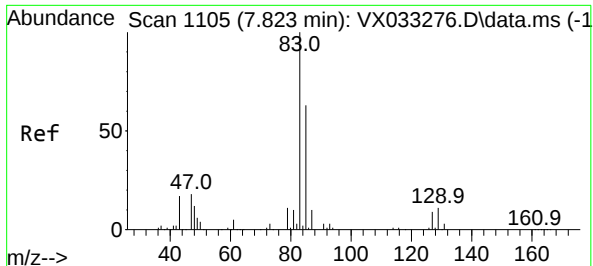
Ion Ratio Lower Upper

93 100

95 84.3 65.8 98.8

174 100.6 79.8 119.6





#47

Bromodichloromethane

Concen: 47.892 ug/l

RT: 7.818 min Scan# 1104

Delta R.T. -0.006 min

Lab File: VX033309.D

Acq: 08 Dec 2022 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

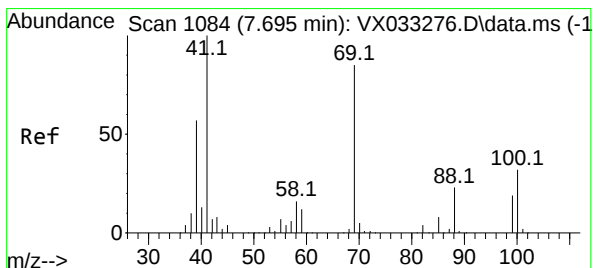
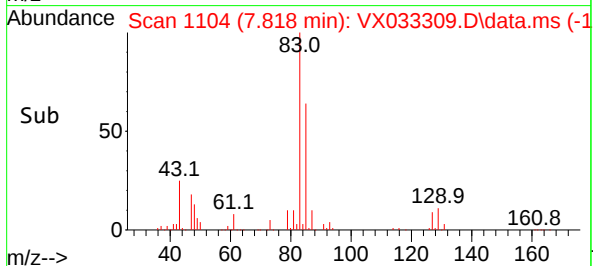
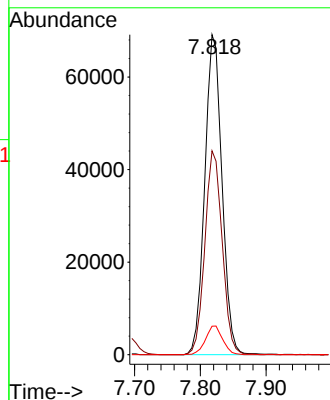
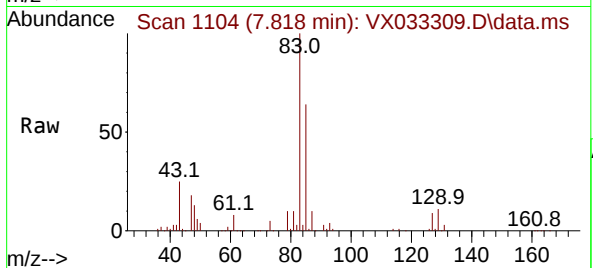
Tgt Ion:	83	Resp:	12611
Ion	Ratio	Lower	Upper
83	100		
85	63.7	52.2	78.4
127	8.9	7.4	11.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/09/2022

Supervised By :Mahesh Dadoda 12/09/2022



#48

Methyl methacrylate

Concen: 44.975 ug/l

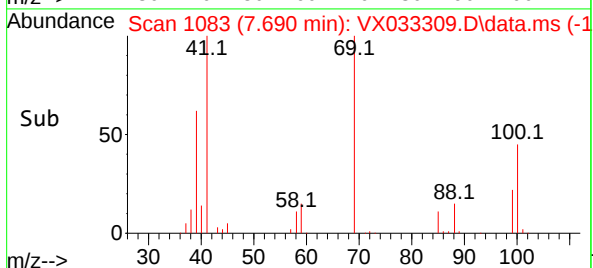
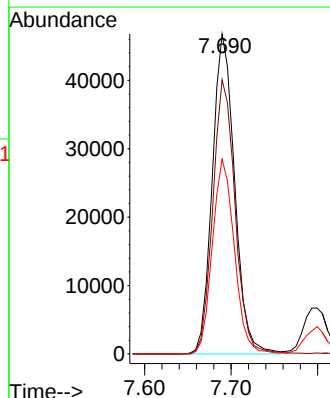
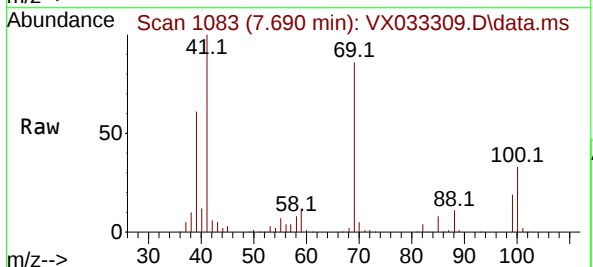
RT: 7.690 min Scan# 1083

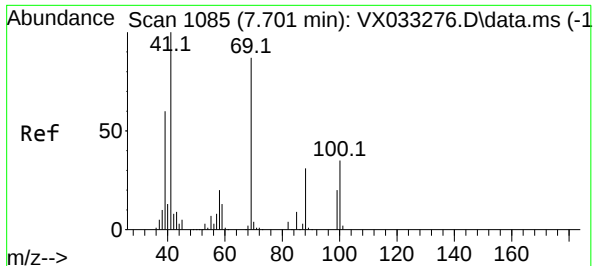
Delta R.T. -0.006 min

Lab File: VX033309.D

Acq: 08 Dec 2022 09:29

Tgt Ion:	41	Resp:	83962
Ion	Ratio	Lower	Upper
41	100		
69	85.4	65.1	97.7
39	59.9	51.9	77.9





#49

1,4-Dioxane

Concen: 882.675 ug/l

RT: 7.708 min Scan# 1085

Delta R.T. 0.006 min

Lab File: VX033309.D

Acq: 08 Dec 2022 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 37570

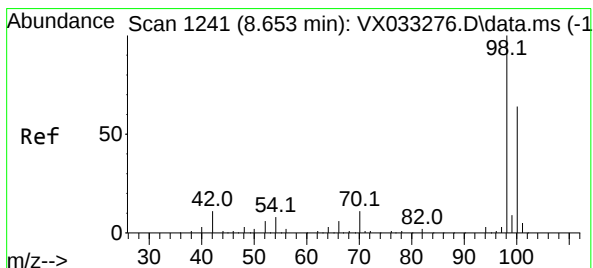
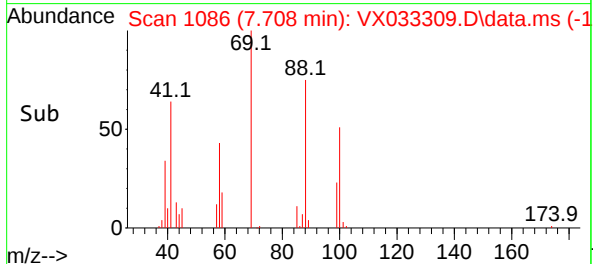
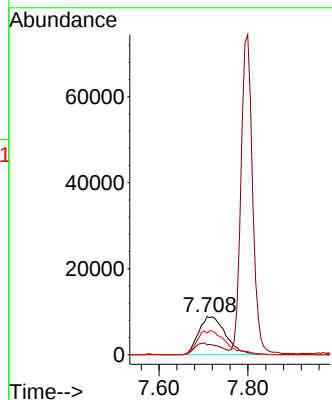
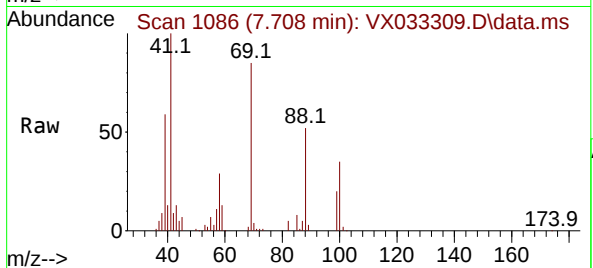
Ion	Ratio	Lower	Upper
88	100		
43	28.2	26.6	39.8
58	25.5	51.7	77.5

Manual Integrations

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Reviewed By :John Carlone 12/09/2022

Supervised By :Mahesh Dadoda 12/09/2022



#50

Toluene-d8

Concen: 47.906 ug/l

RT: 8.647 min Scan# 1240

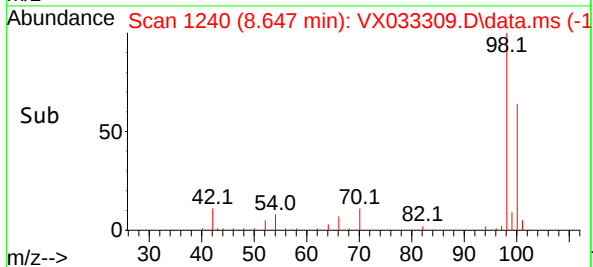
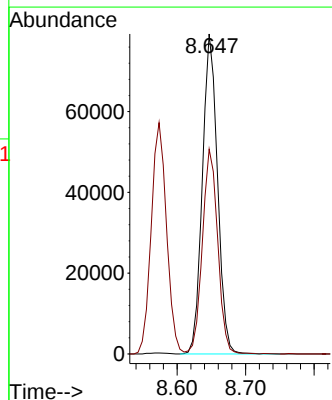
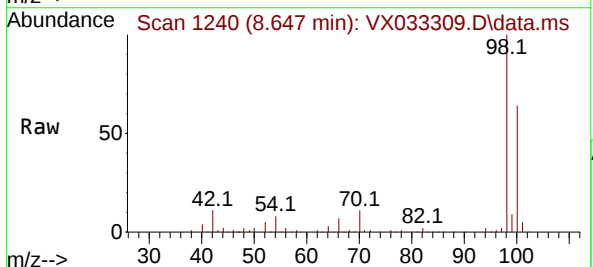
Delta R.T. -0.006 min

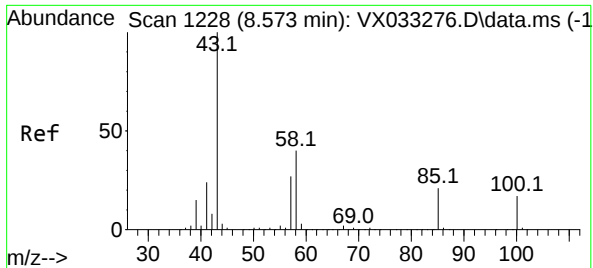
Lab File: VX033309.D

Acq: 08 Dec 2022 09:29

Tgt Ion: 98 Resp: 122248

Ion	Ratio	Lower	Upper
98	100		
100	64.7	50.9	76.3





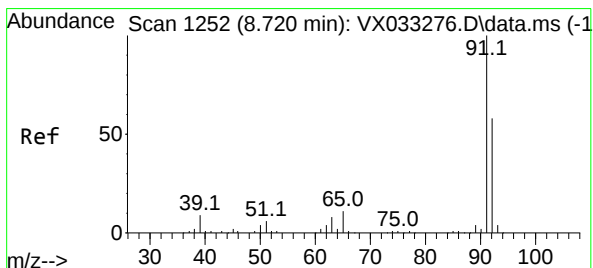
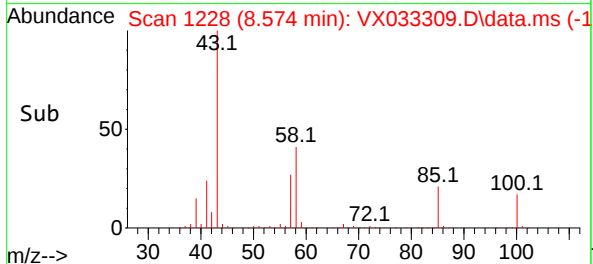
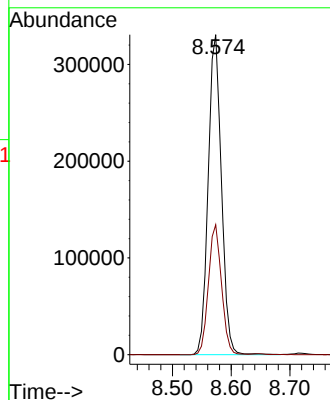
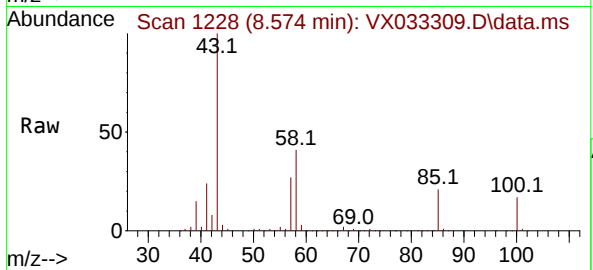
#51
4-Methyl-2-Pentanone
Concen: 225.789 ug/l
RT: 8.574 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 516492
Ion Ratio Lower Upper
43 100
58 40.3 30.9 46.3

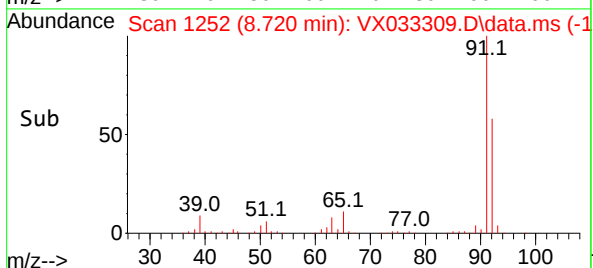
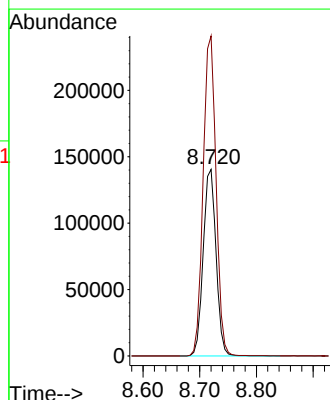
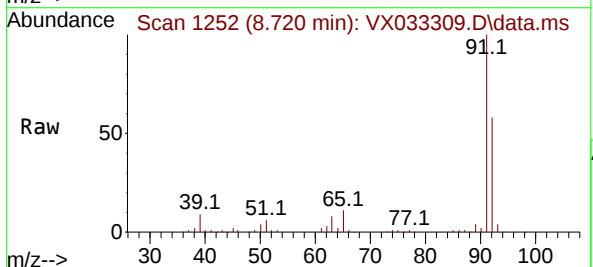
Manual Integrations
APPROVED

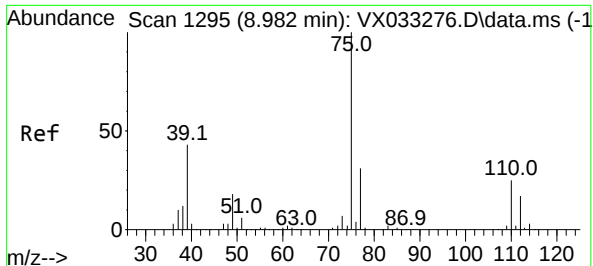
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#52
Toluene
Concen: 49.268 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

Tgt Ion: 92 Resp: 220884
Ion Ratio Lower Upper
92 100
91 171.9 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 45.211 ug/l

RT: 8.976 min Scan# 1295

Delta R.T. -0.006 min

Lab File: VX033309.D

Acq: 08 Dec 2022 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 127185

Ion Ratio Lower Upper

75 100

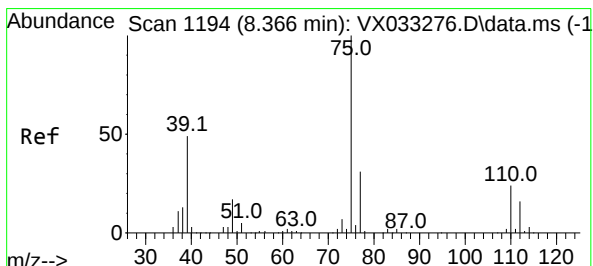
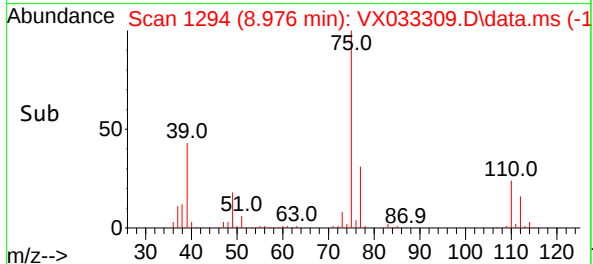
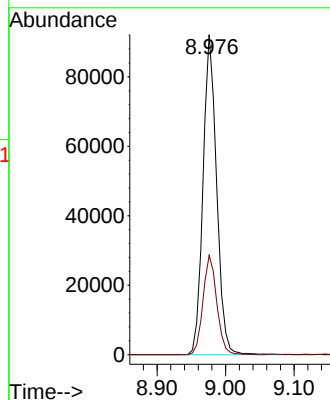
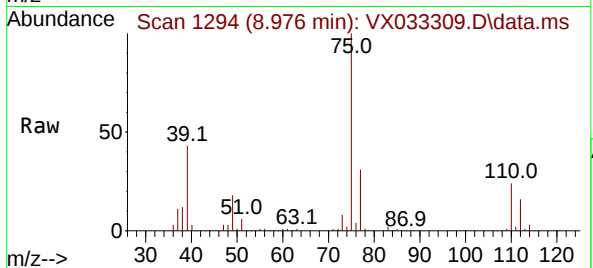
77 31.0 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/09/2022

Supervised By :Mahesh Dadoda 12/09/2022



#54

cis-1,3-Dichloropropene

Concen: 48.839 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX033309.D

Acq: 08 Dec 2022 09:29

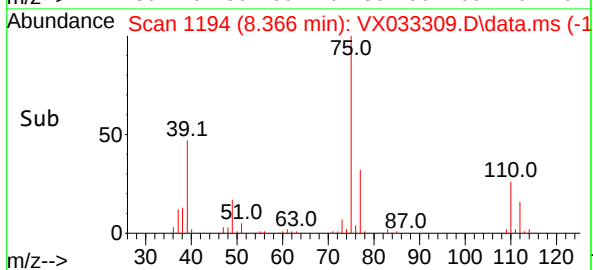
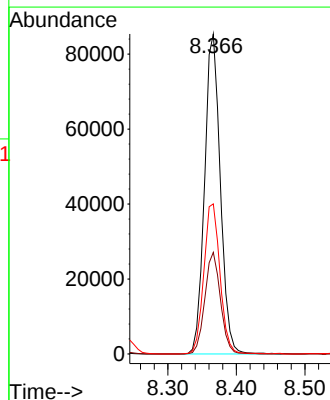
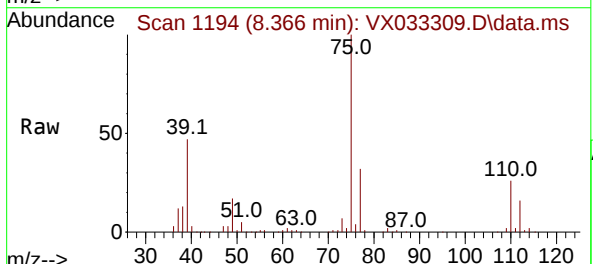
Tgt Ion: 75 Resp: 136857

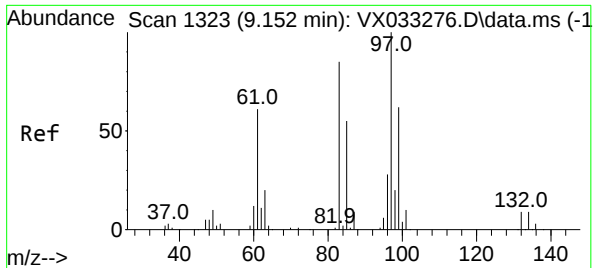
Ion Ratio Lower Upper

75 100

77 31.8 25.1 37.7

39 46.9 45.5 68.3





#55
1,1,2-Trichloroethane
Concen: 47.754 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

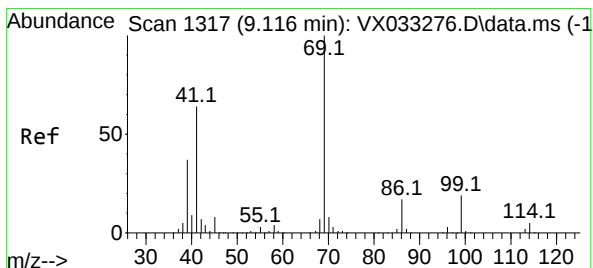
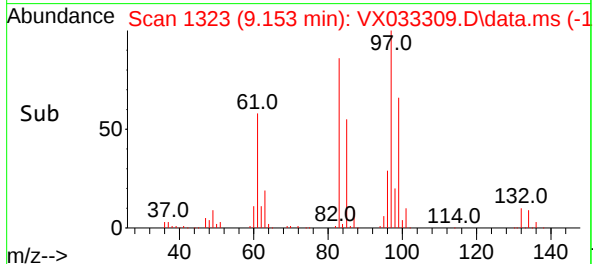
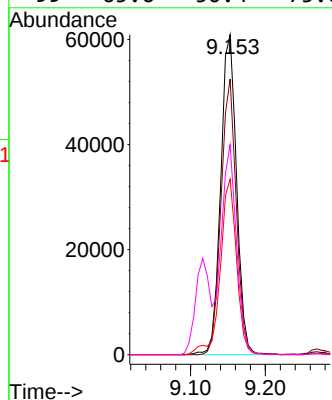
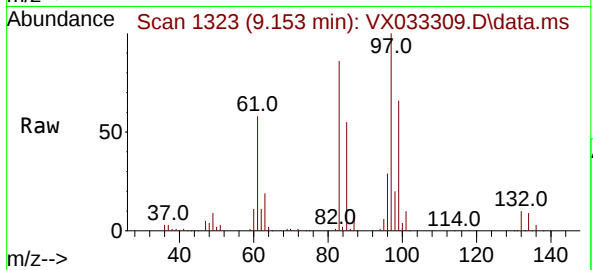
Tgt Ion: 97	Resp: 89998
Ion Ratio	Lower Upper
97 100	
83 86.2	68.1 102.1
85 54.9	43.3 64.9
99 65.6	50.4 75.6

Manual Integrations

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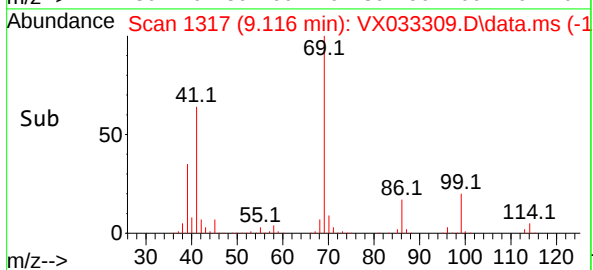
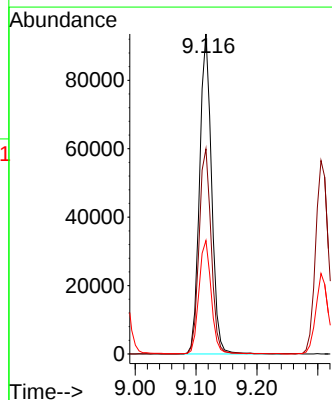
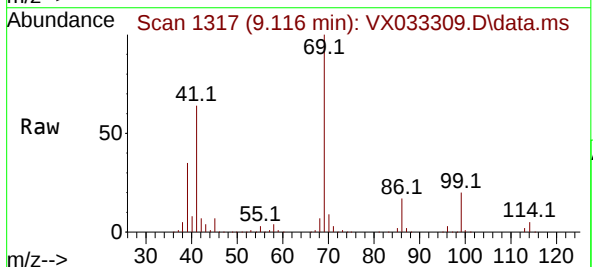
Reviewed By :John Carlone 12/09/2022

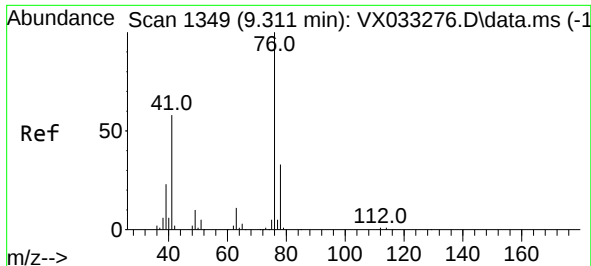
Supervised By :Mahesh Dadoda 12/09/2022



#56
Ethyl methacrylate
Concen: 48.068 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

Tgt Ion: 69	Resp: 127547
Ion Ratio	Lower Upper
69 100	
41 65.1	54.3 81.5
39 36.0	35.2 52.8





#57

1,3-Dichloropropane

Concen: 47.433 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX033309.D

Acq: 08 Dec 2022 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 143604

Ion Ratio Lower Upper

76 100

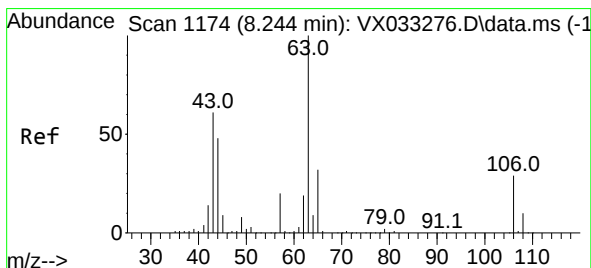
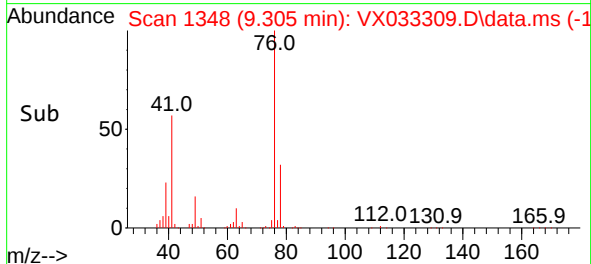
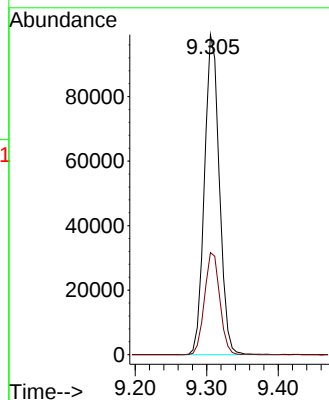
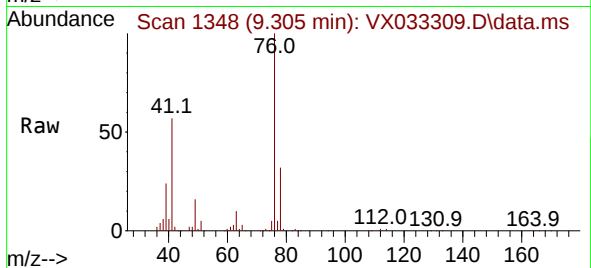
78 32.8 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/09/2022

Supervised By :Mahesh Dadoda 12/09/2022



#58

2-Chloroethyl Vinyl ether

Concen: 239.001 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX033309.D

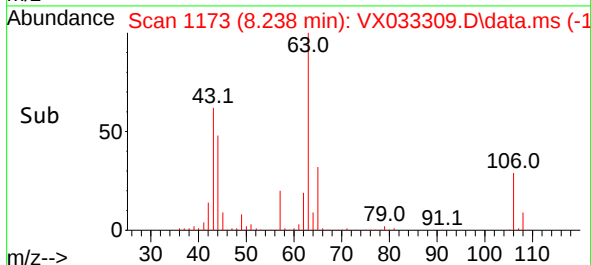
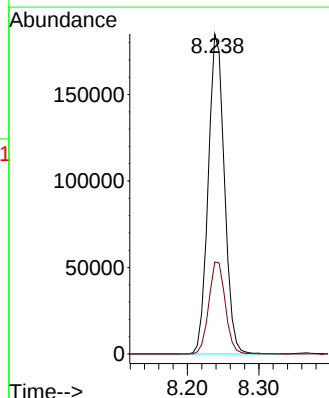
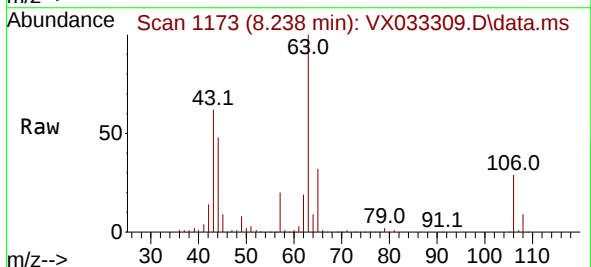
Acq: 08 Dec 2022 09:29

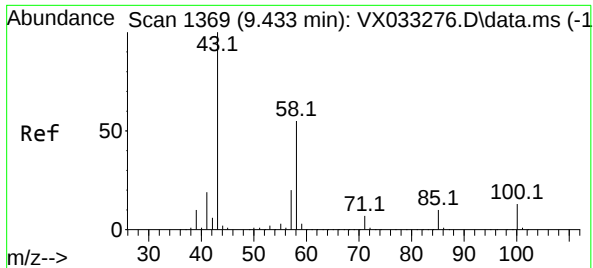
Tgt Ion: 63 Resp: 290176

Ion Ratio Lower Upper

63 100

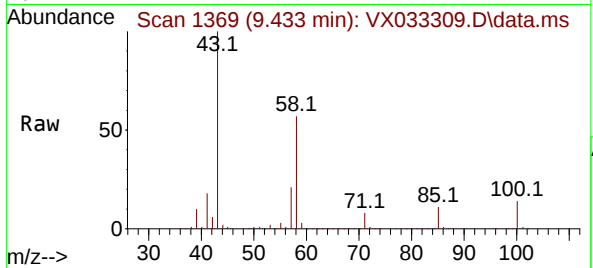
106 29.3 23.3 34.9





#59
2-Hexanone
Concen: 229.918 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

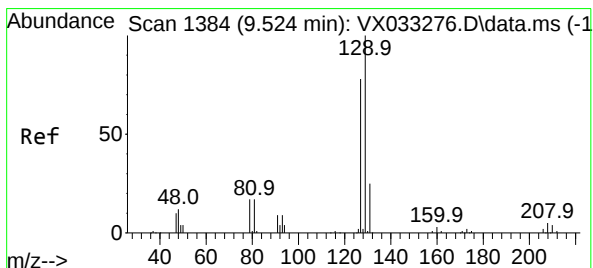
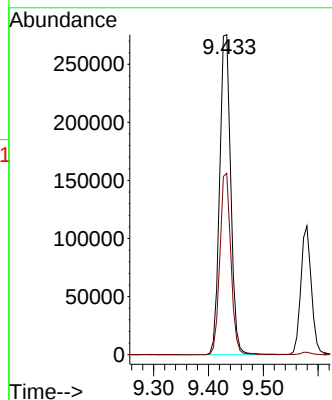
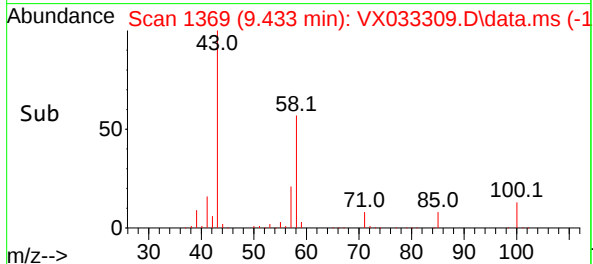
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



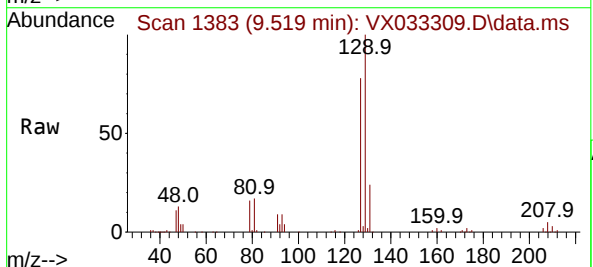
Tgt Ion: 43 Resp: 387579
Ion Ratio Lower Upper
43 100
58 56.2 26.5 79.5

Manual Integrations
APPROVED

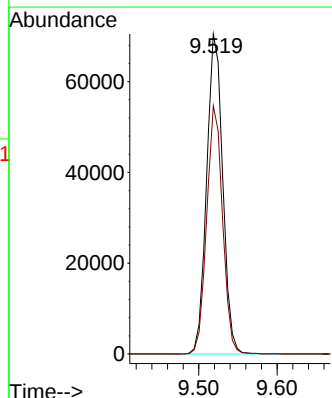
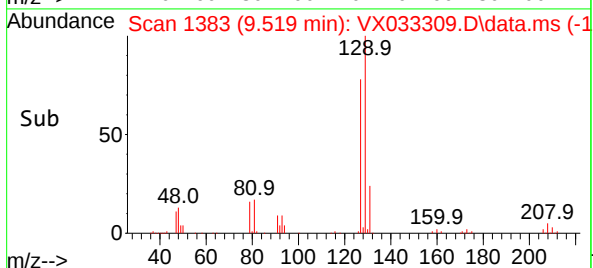
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022

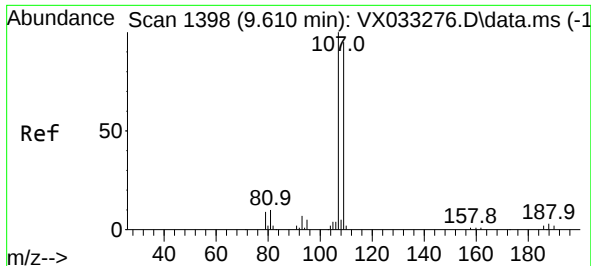


#60
Dibromochloromethane
Concen: 48.227 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29



Tgt Ion:129 Resp: 100139
Ion Ratio Lower Upper
129 100
127 76.7 38.6 115.8





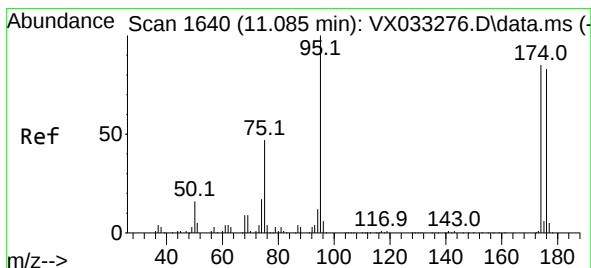
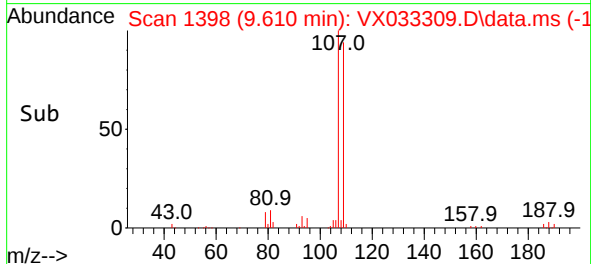
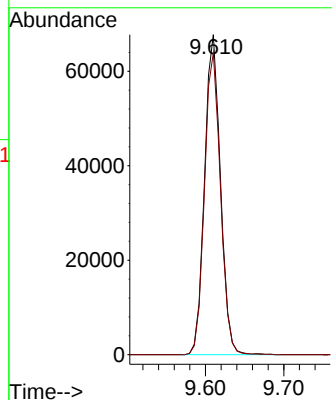
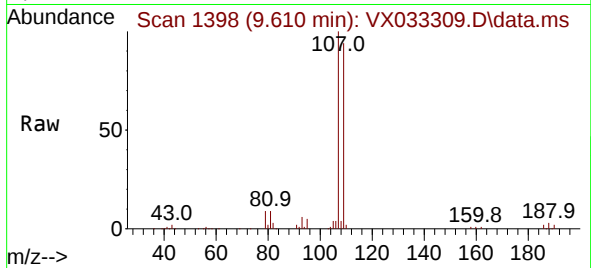
#61
1,2-Dibromoethane
Concen: 47.567 ug/l
RT: 9.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 95354
Ion Ratio Lower Upper
107 100
109 94.8 76.0 114.0

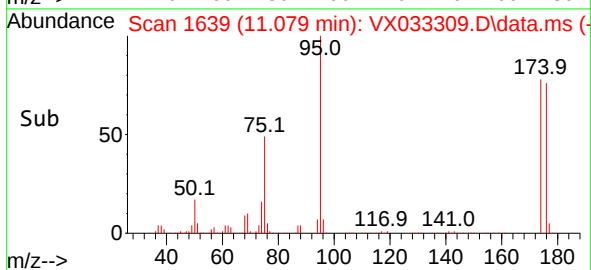
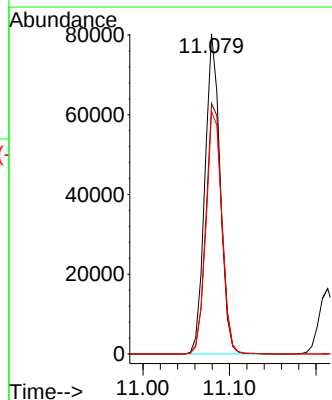
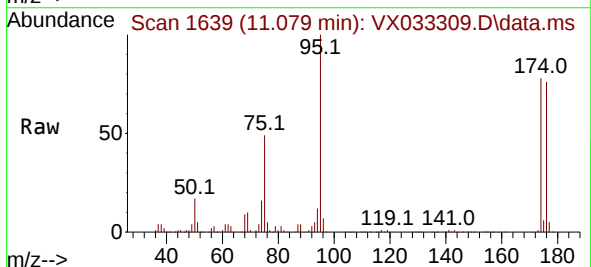
Manual Integrations
APPROVED

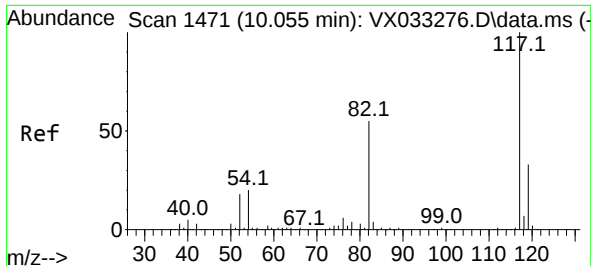
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#62
4-Bromofluorobenzene
Concen: 49.996 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

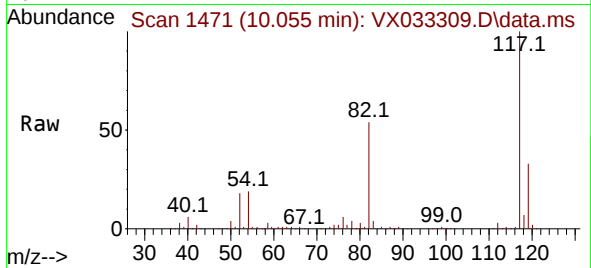
Tgt Ion: 95 Resp: 97549
Ion Ratio Lower Upper
95 100
174 82.2 0.0 164.0
176 79.3 0.0 154.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

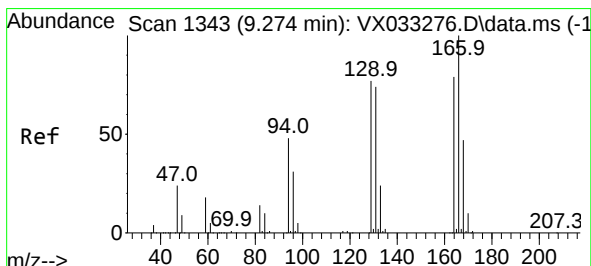
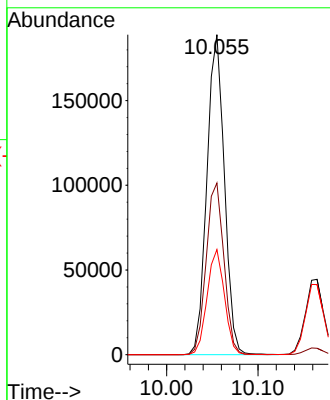
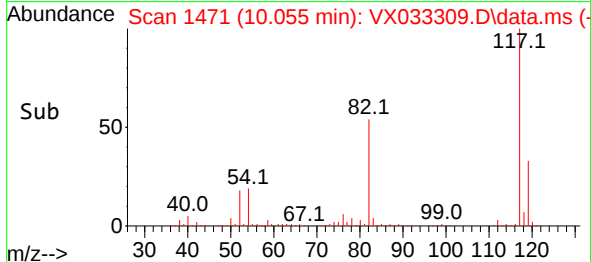
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 250412
Ion Ratio Lower Upper
117 100
82 53.7 44.3 66.5
119 32.9 25.7 38.5

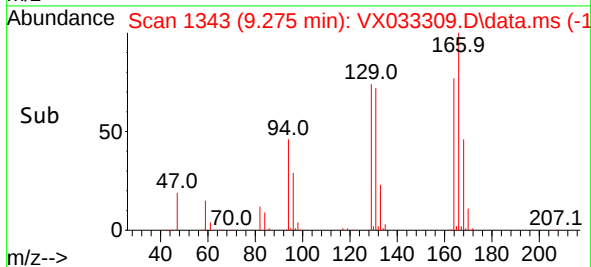
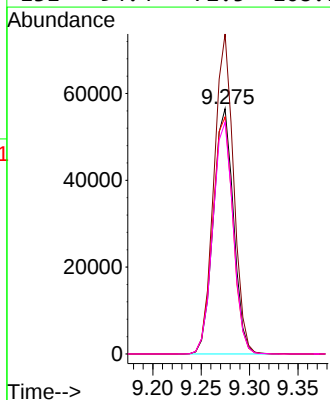
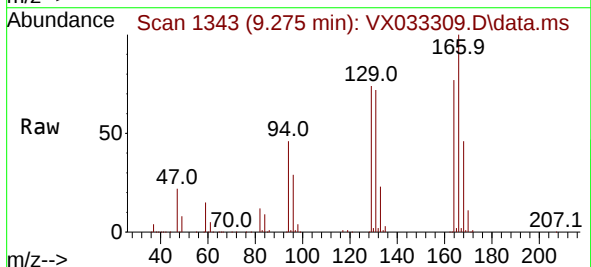
Manual Integrations
APPROVED

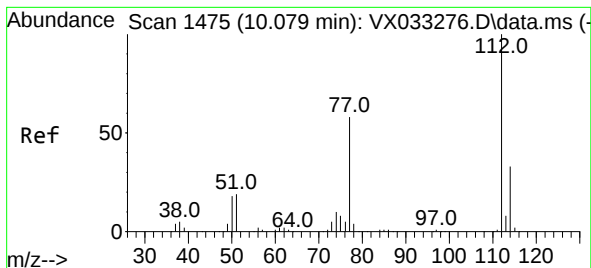
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#64
Tetrachloroethene
Concen: 47.632 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

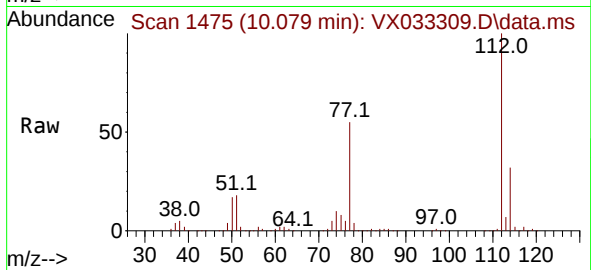
Tgt Ion:164 Resp: 81560
Ion Ratio Lower Upper
164 100
166 130.4 105.4 158.2
129 96.6 78.2 117.2
131 94.4 72.5 108.7





#65
Chlorobenzene
Concen: 47.674 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

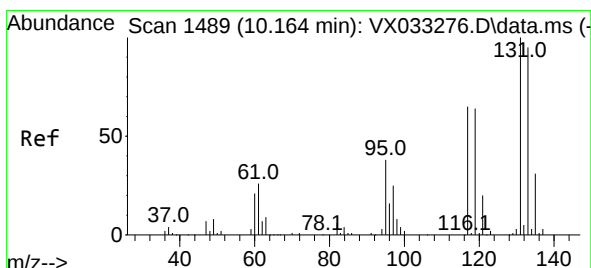
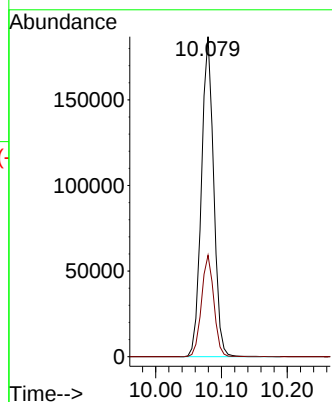
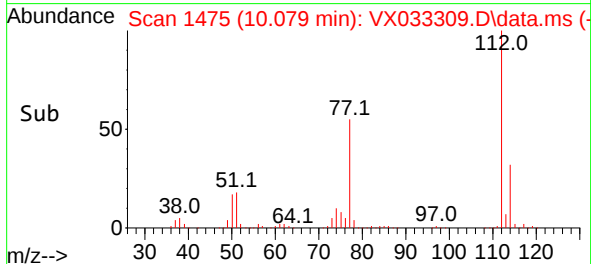
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



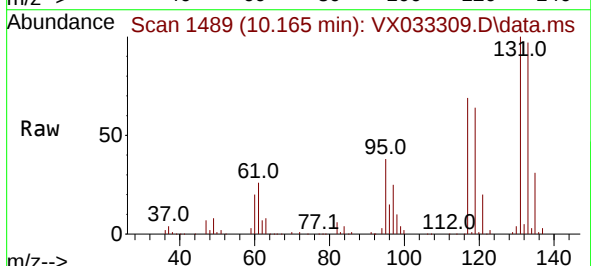
Tgt Ion:112 Resp: 241748
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.2

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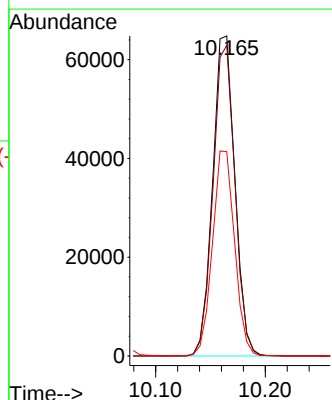
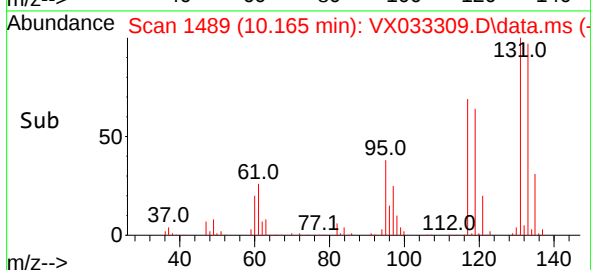
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022

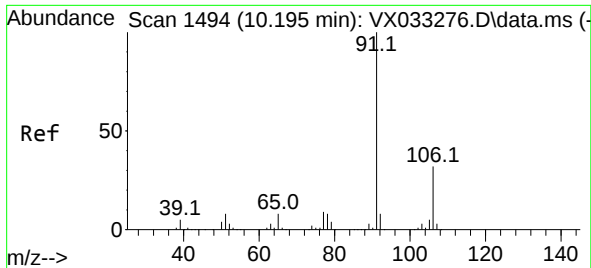


#66
1,1,1,2-Tetrachloroethane
Concen: 47.741 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29



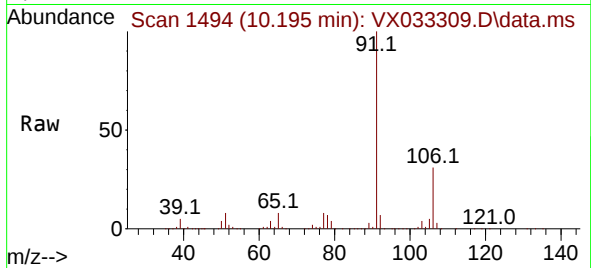
Tgt Ion:131 Resp: 91486
Ion Ratio Lower Upper
131 100
133 95.7 47.6 142.9
119 63.9 32.4 97.0





#67
Ethyl Benzene
Concen: 49.535 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

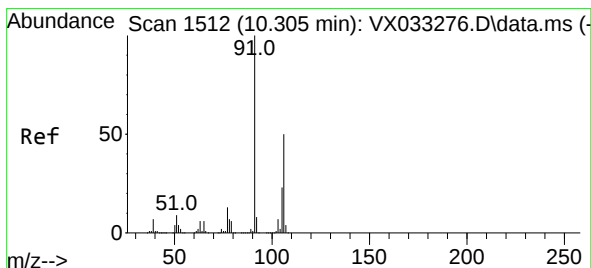
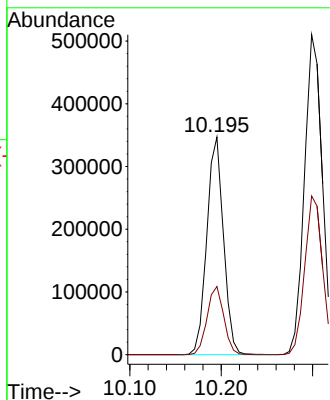
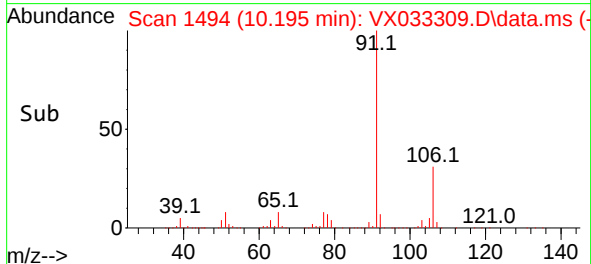
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



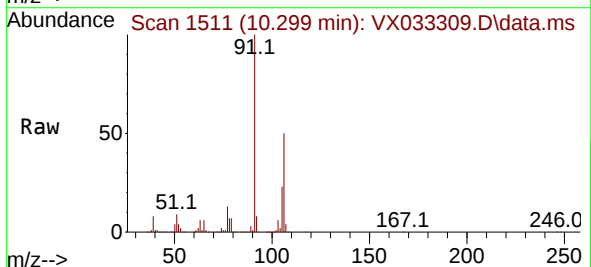
Tgt Ion: 91 Resp: 437602
Ion Ratio Lower Upper
91 100
106 31.3 25.0 37.6

Manual Integrations
APPROVED

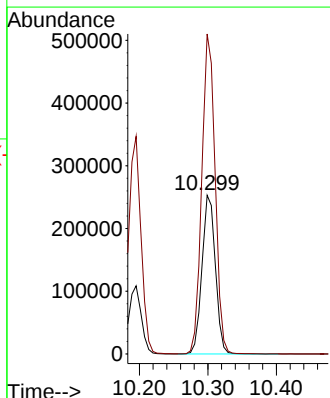
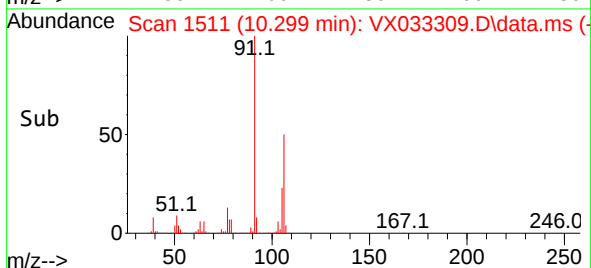
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022

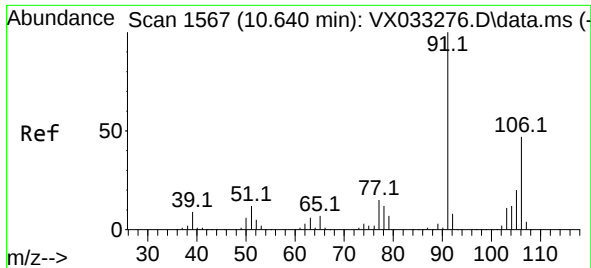


#68
m/p-Xylenes
Concen: 100.164 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29



Tgt Ion:106 Resp: 344275
Ion Ratio Lower Upper
106 100
91 200.9 164.5 246.7





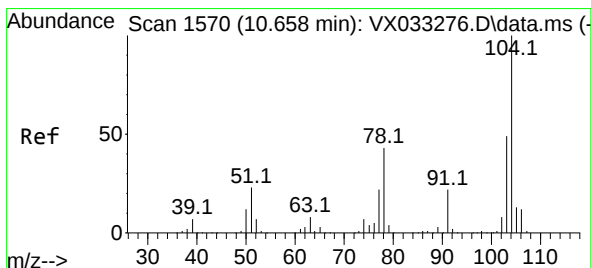
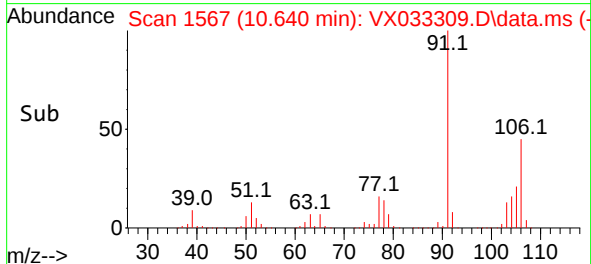
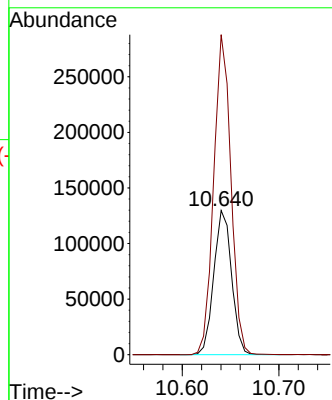
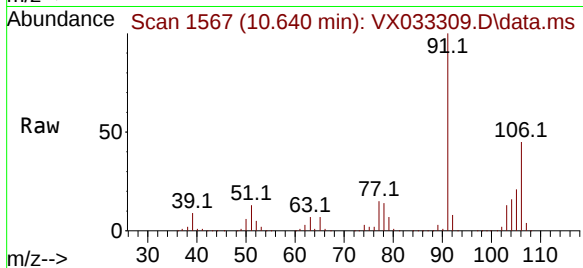
#69
o-Xylene
Concen: 48.799 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 165789
Ion Ratio Lower Upper
106 100
91 215.2 109.2 327.6

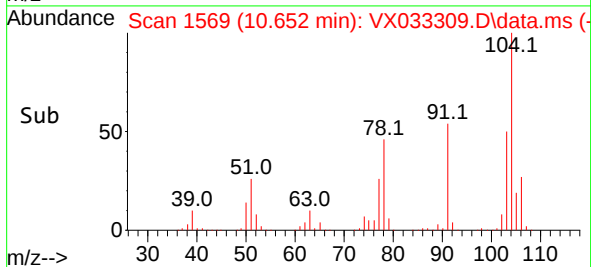
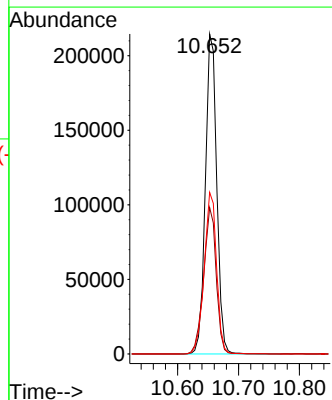
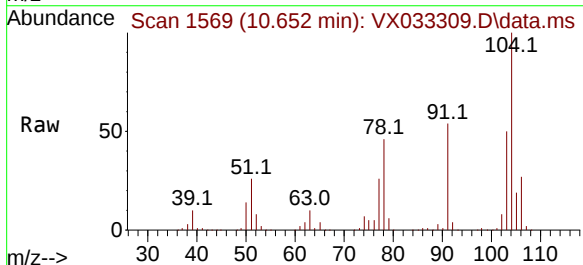
Manual Integrations
APPROVED

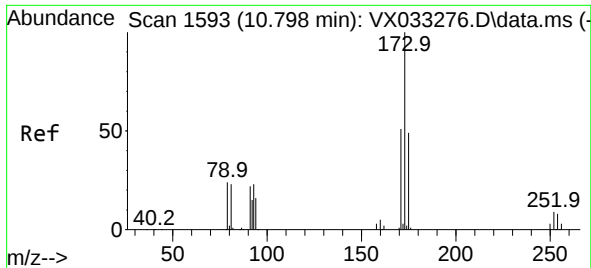
Reviewed By :John Carbone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#70
Styrene
Concen: 50.167 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

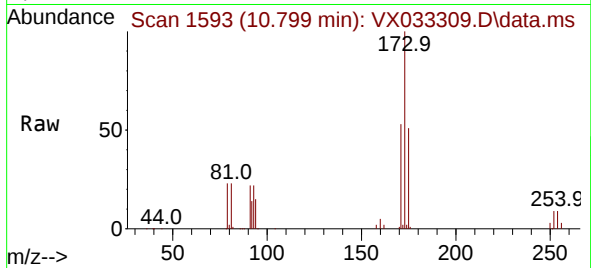
Tgt Ion:104 Resp: 279138
Ion Ratio Lower Upper
104 100
78 50.5 41.8 62.8
103 55.0 44.5 66.7





#71
Bromoform
Concen: 47.026 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

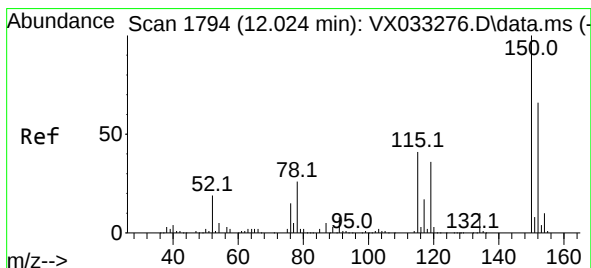
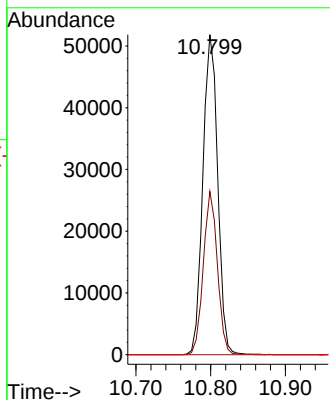
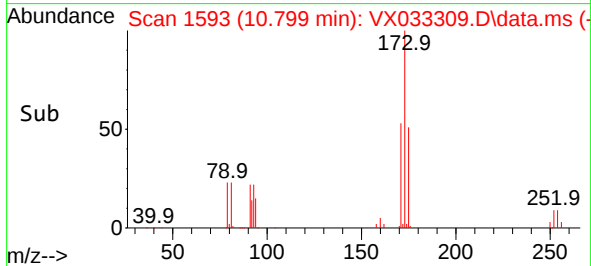
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



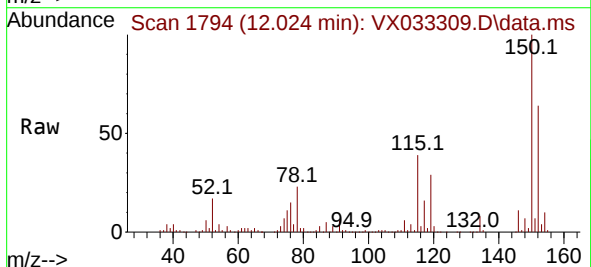
Tgt Ion:173 Resp: 7133
Ion Ratio Lower Upper
173 100
175 48.5 23.9 71.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

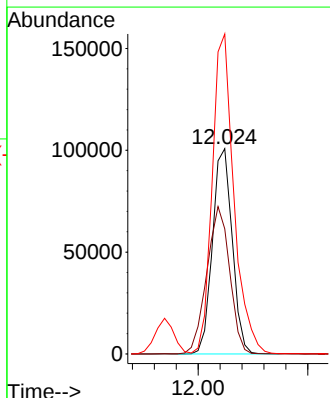
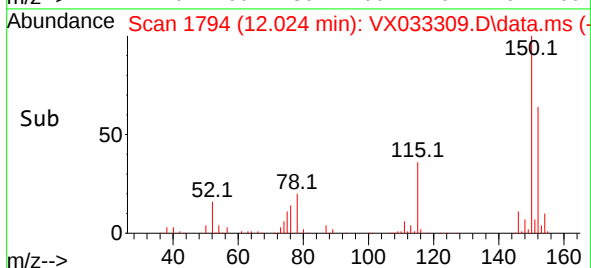
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022

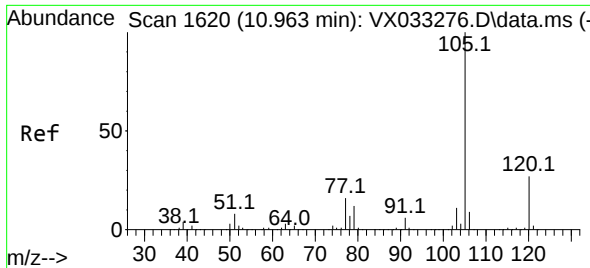


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29



Tgt Ion:152 Resp: 126156
Ion Ratio Lower Upper
152 100
115 83.3 44.0 132.0
150 171.1 0.0 351.8





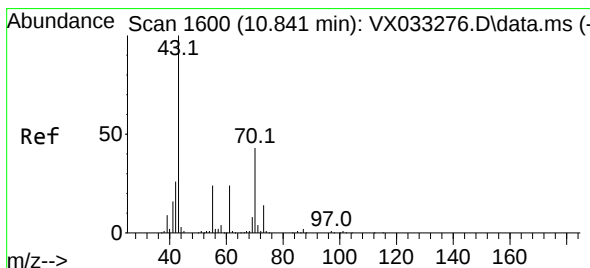
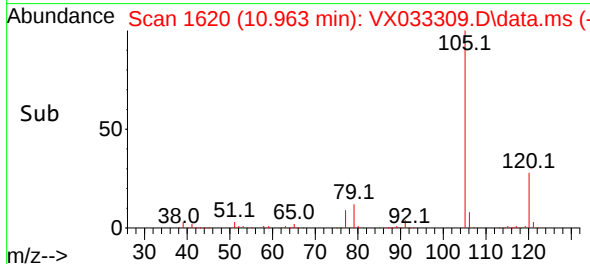
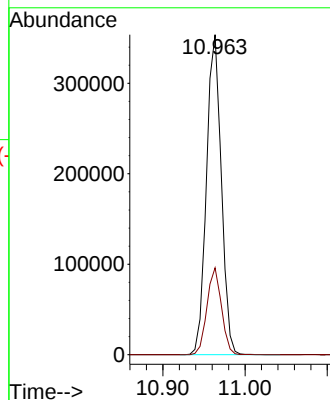
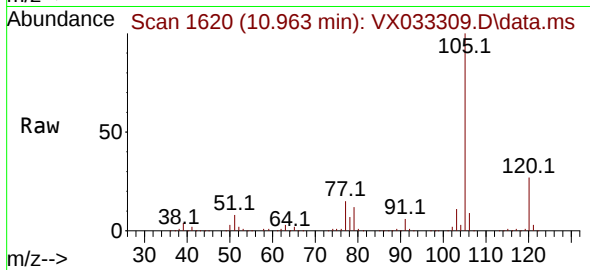
#73
Isopropylbenzene
Concen: 48.381 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 442394
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.3

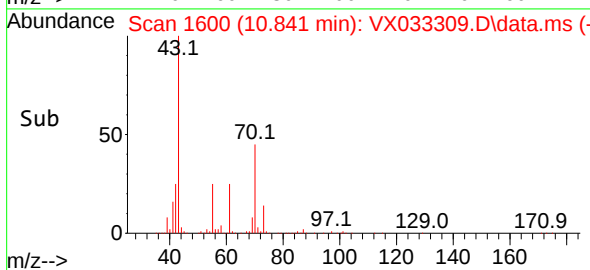
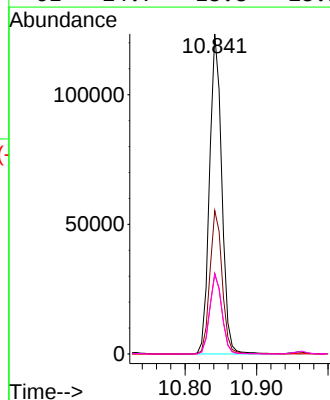
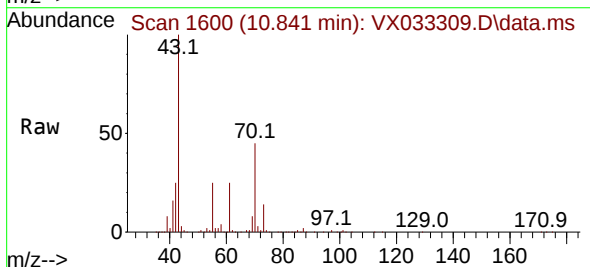
Manual Integrations
APPROVED

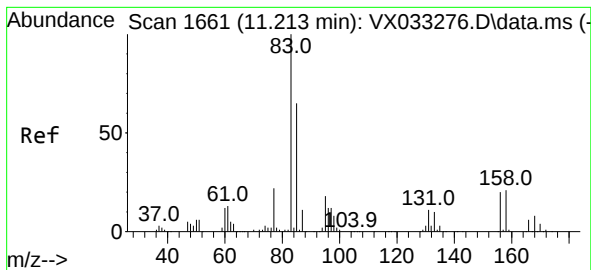
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#74
N-ethyl acetate
Concen: 47.142 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

Tgt Ion: 43 Resp: 147071
Ion Ratio Lower Upper
43 100
70 44.9 33.6 50.4
55 25.0 19.4 29.2
61 24.7 18.8 28.2





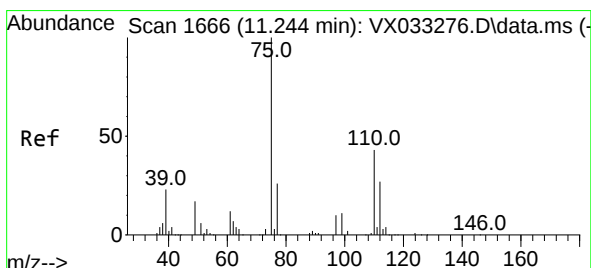
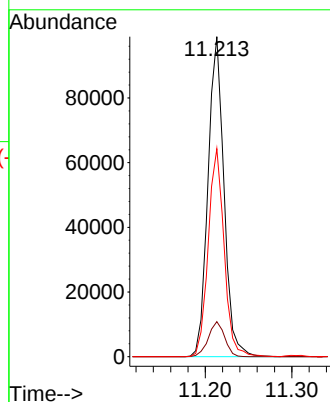
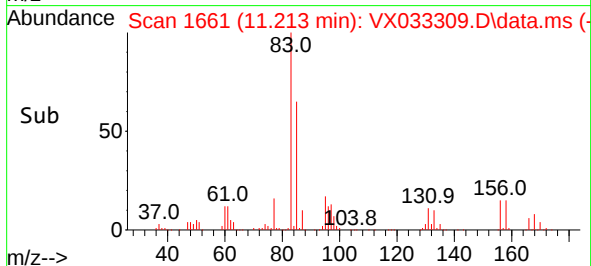
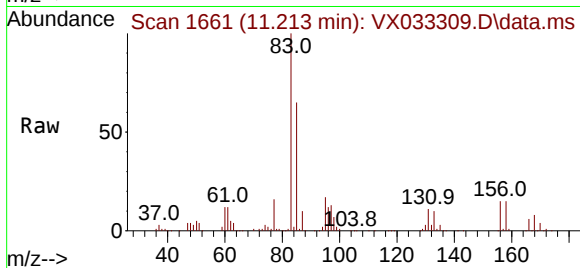
#75
1,1,2,2-Tetrachloroethane
Concen: 43.732 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 126859
Ion Ratio Lower Upper
83 100
131 11.2 5.4 16.2
85 64.7 31.9 95.9

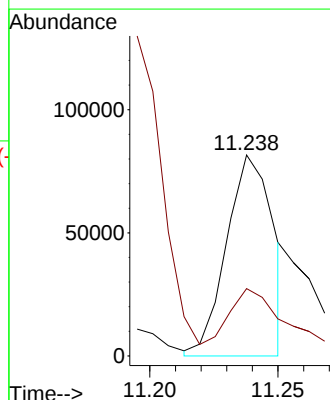
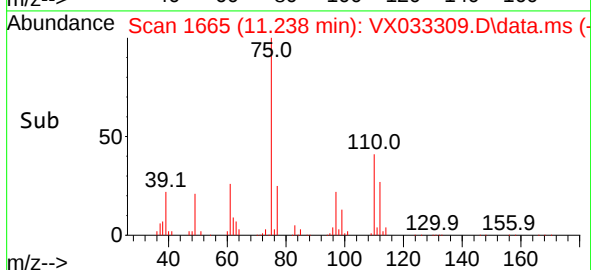
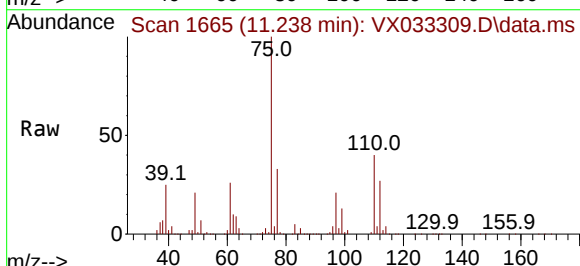
Manual Integrations
APPROVED

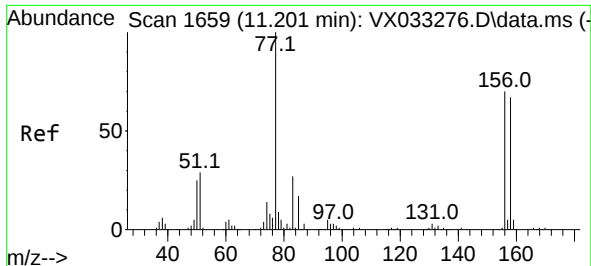
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#76
1,2,3-Trichloropropane
Concen: 40.221 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

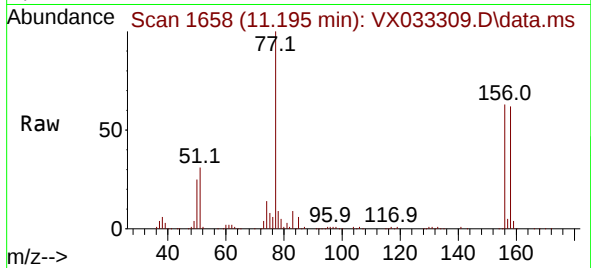
Tgt Ion: 75 Resp: 103233
Ion Ratio Lower Upper
75 100
77 43.5 20.0 60.0





#77
Bromobenzene
Concen: 46.171 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.006 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

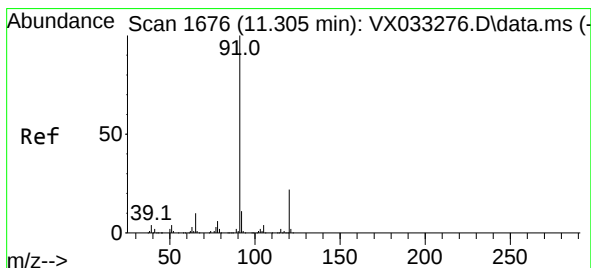
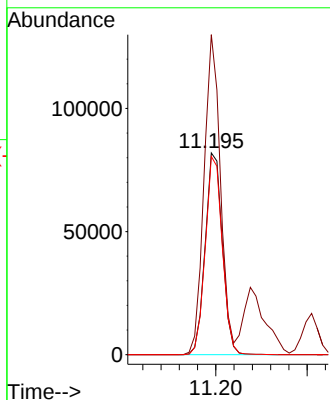
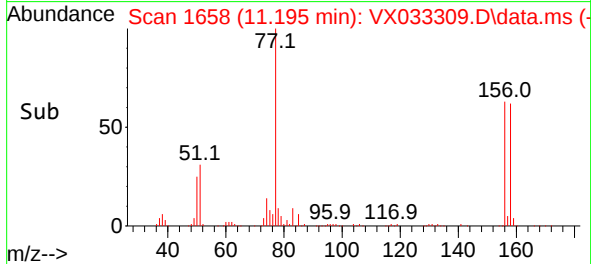
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



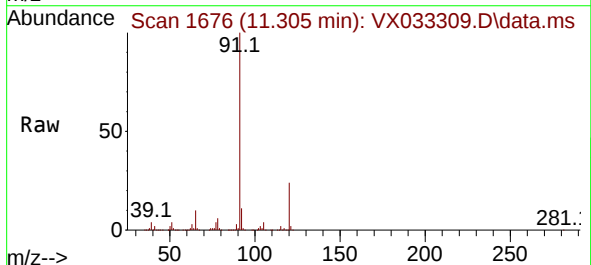
Tgt Ion:156 Resp: 106610
Ion Ratio Lower Upper
156 100
77 151.2 76.1 228.4
158 97.6 48.8 146.3

Manual Integrations
APPROVED

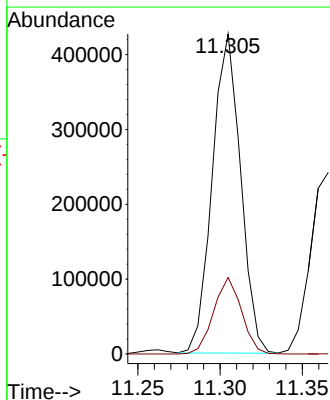
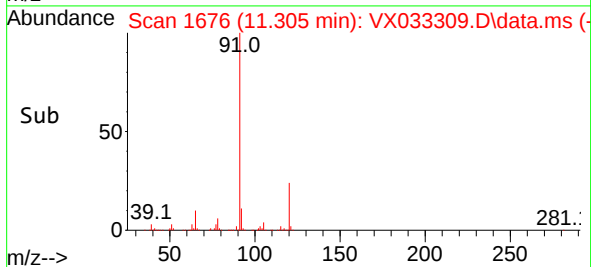
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022

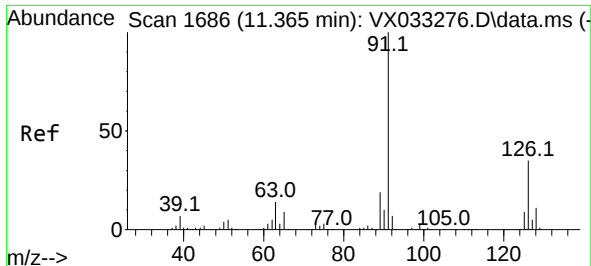


#78
n-propylbenzene
Concen: 49.974 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29



Tgt Ion: 91 Resp: 510235
Ion Ratio Lower Upper
91 100
120 23.6 11.6 34.8





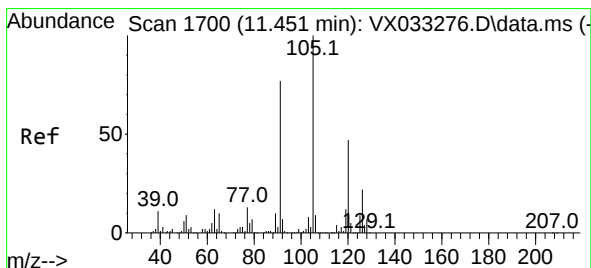
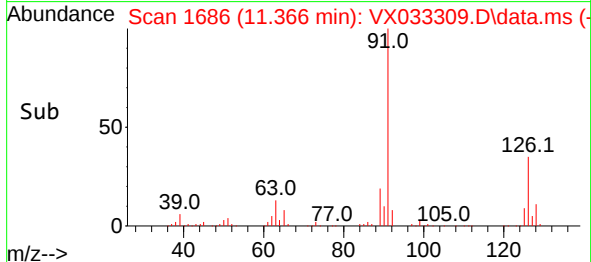
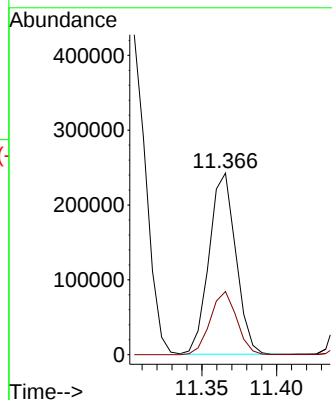
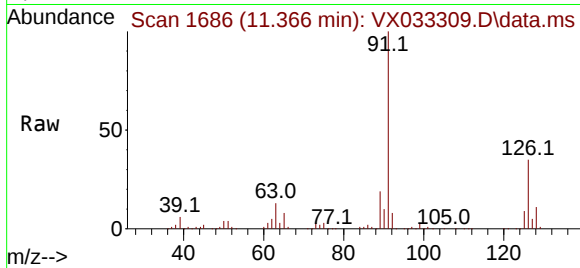
#79
2-Chlorotoluene
Concen: 47.800 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 301610
Ion Ratio Lower Upper
91 100
126 34.5 17.1 51.2

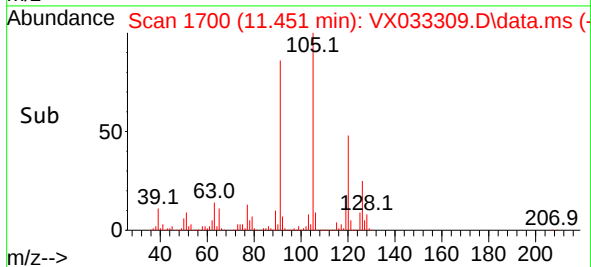
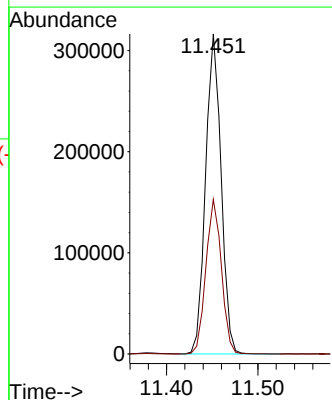
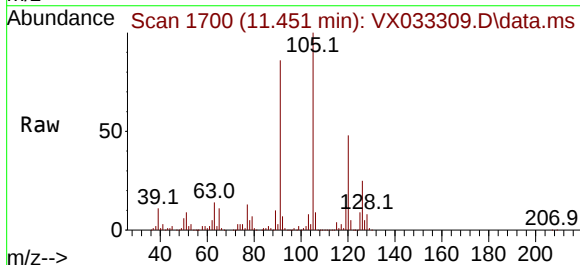
Manual Integrations
APPROVED

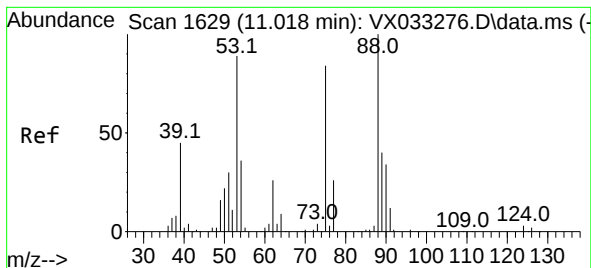
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#80
1,3,5-Trimethylbenzene
Concen: 48.825 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

Tgt Ion:105 Resp: 371632
Ion Ratio Lower Upper
105 100
120 48.4 23.6 71.0





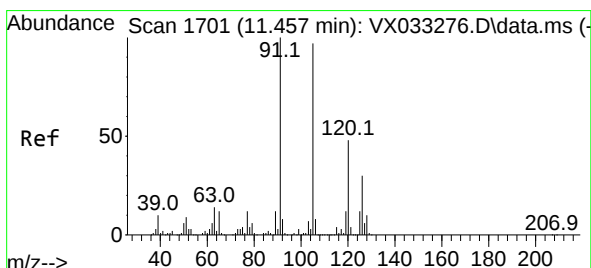
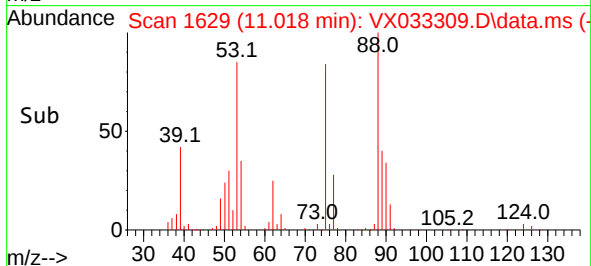
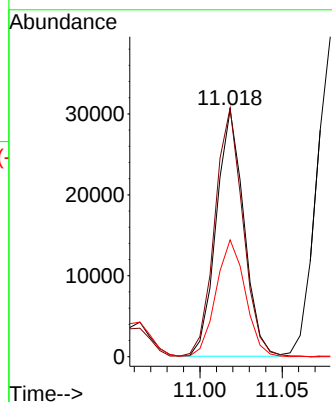
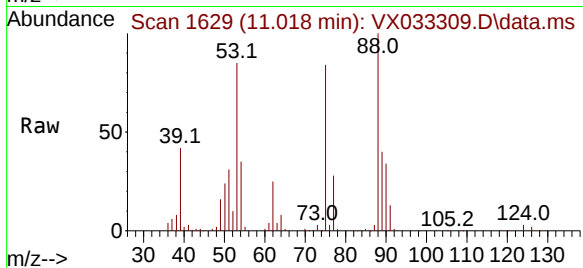
#81
trans-1,4-Dichloro-2-butene
Concen: 43.118 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 3557
Ion Ratio Lower Upper
75 100
53 103.2 86.9 130.3
89 50.1 38.3 57.5

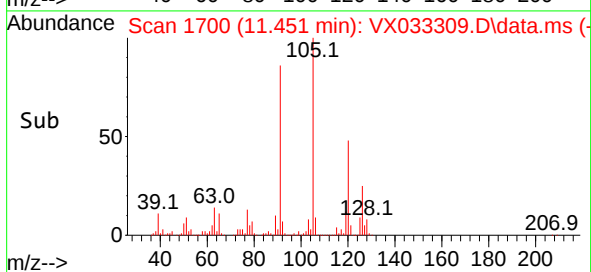
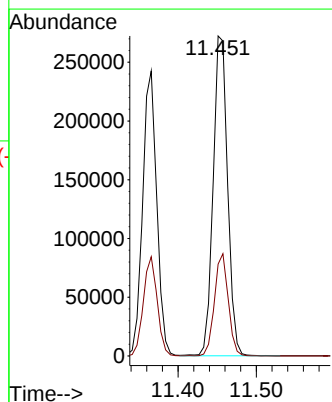
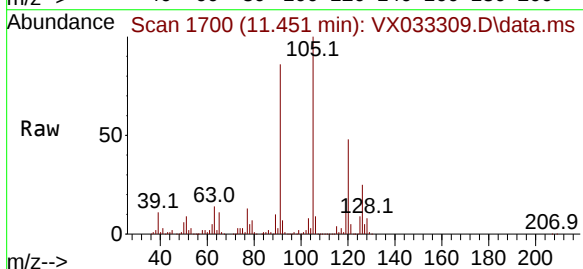
Manual Integrations
APPROVED

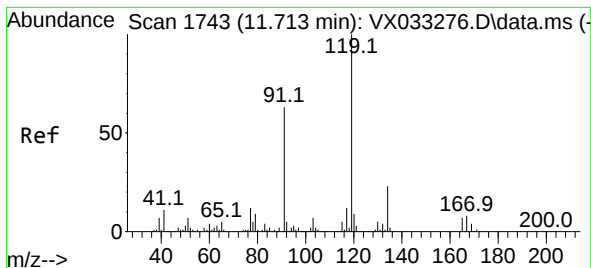
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#82
4-Chlorotoluene
Concen: 47.528 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

Tgt Ion: 91 Resp: 348717
Ion Ratio Lower Upper
91 100
126 30.5 14.8 44.4





#83

tert-Butylbenzene

Concen: 47.992 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX033309.D

Acq: 08 Dec 2022 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:119 Resp: 364260

Ion Ratio Lower Upper

119 100

91 58.4 29.4 88.2

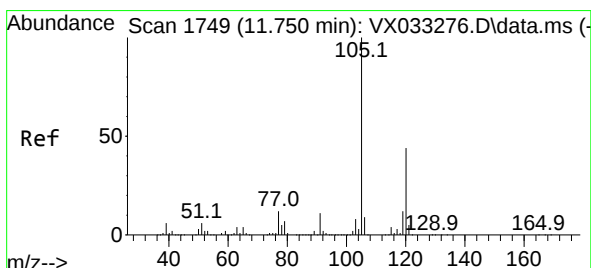
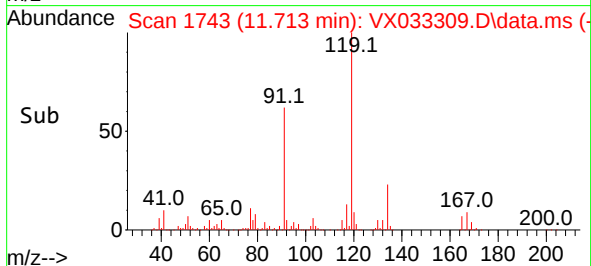
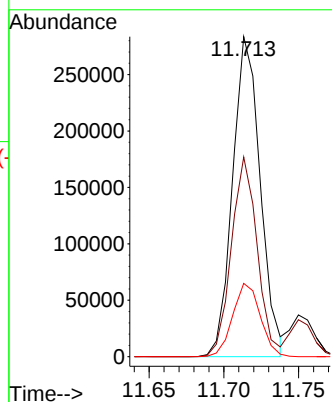
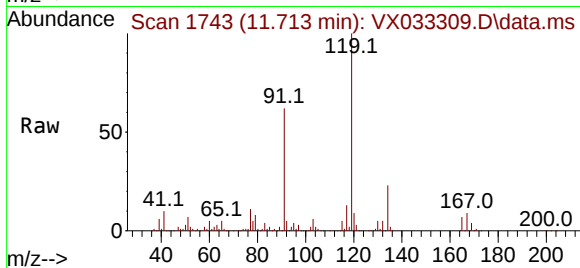
134 22.9 11.0 33.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/09/2022

Supervised By :Mahesh Dadoda 12/09/2022



#84

1,2,4-Trimethylbenzene

Concen: 48.606 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX033309.D

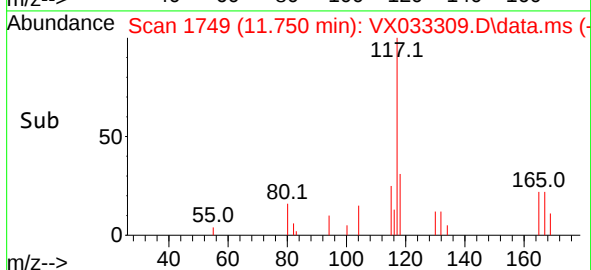
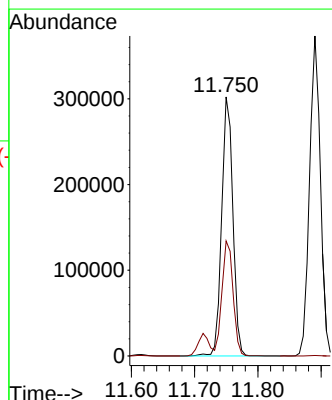
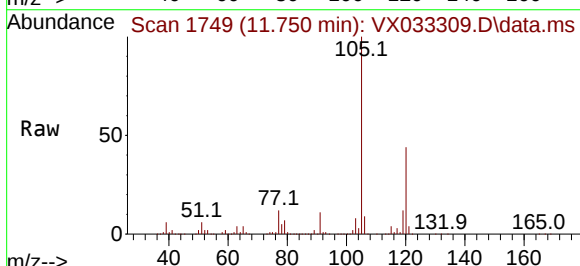
Acq: 08 Dec 2022 09:29

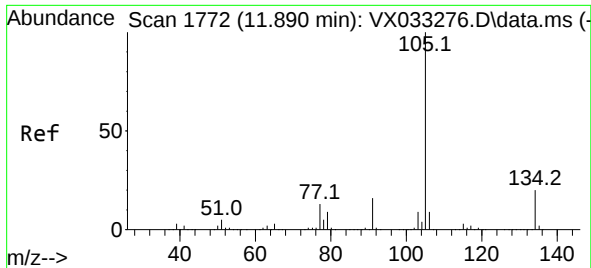
Tgt Ion:105 Resp: 369297

Ion Ratio Lower Upper

105 100

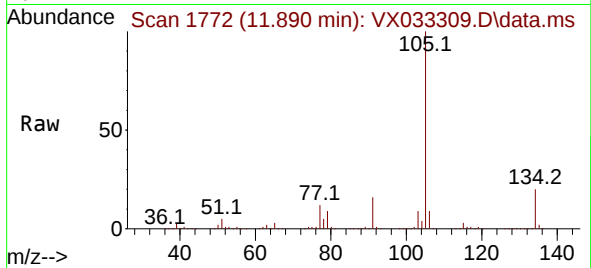
120 43.8 21.9 65.5





#85
 sec-Butylbenzene
 Concen: 50.225 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX033309.D
 Acq: 08 Dec 2022 09:29

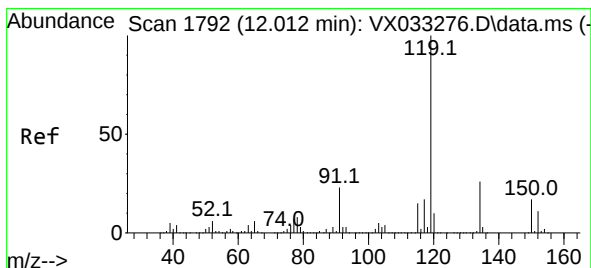
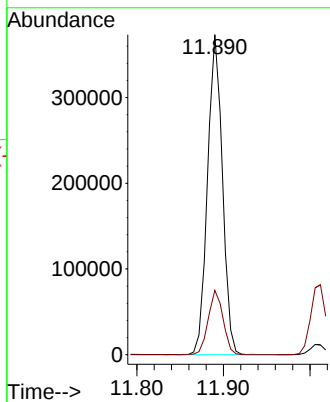
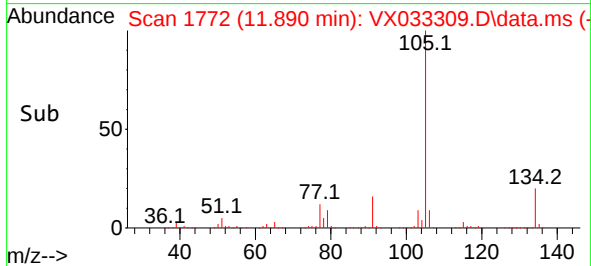
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



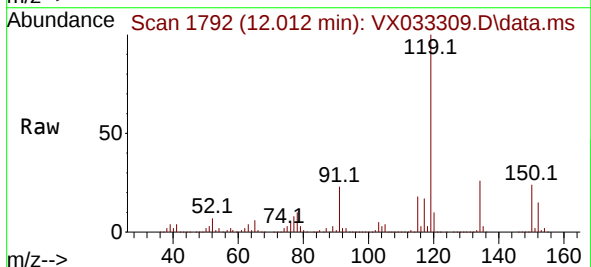
Tgt Ion:105 Resp: 444778
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.9 29.7

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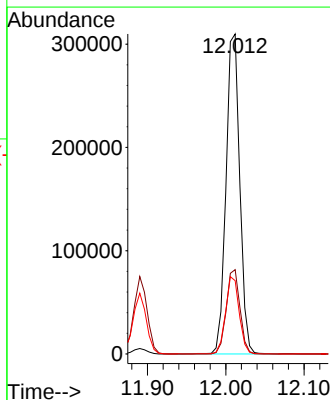
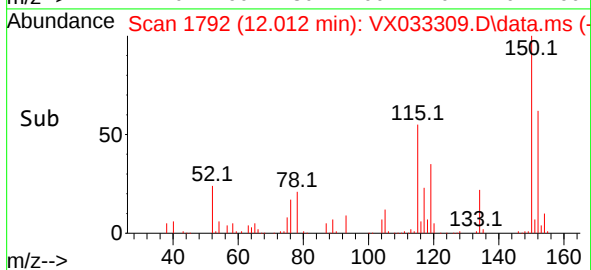
Reviewed By :John Carlone 12/09/2022
 Supervised By :Mahesh Dadoda 12/09/2022

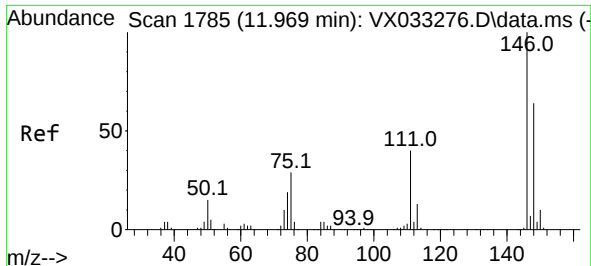


#86
 p-Isopropyltoluene
 Concen: 49.622 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX033309.D
 Acq: 08 Dec 2022 09:29



Tgt Ion:119 Resp: 378857
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.9 38.7
 91 24.0 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 48.168 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX033309.D

Acq: 08 Dec 2022 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 20147

Ion Ratio Lower Upper

146 100

111 40.7 20.6 61.8

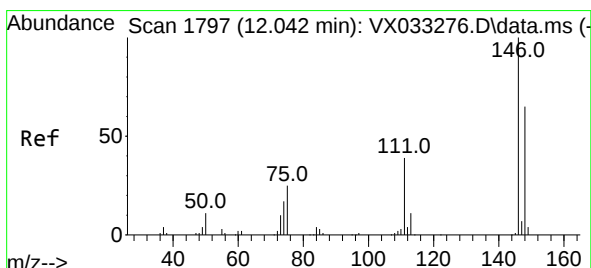
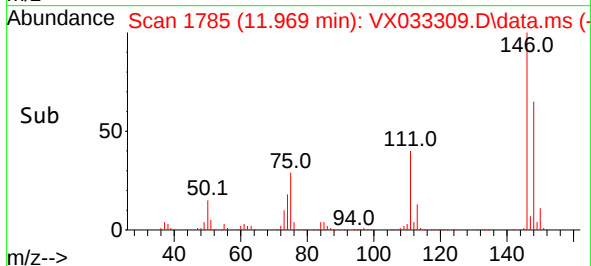
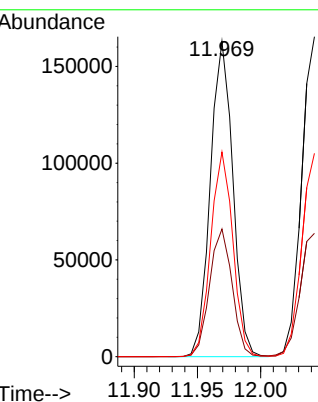
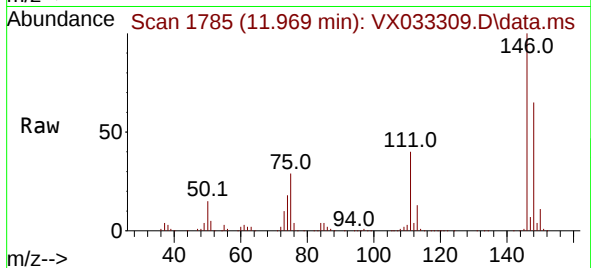
148 64.0 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/09/2022

Supervised By :Mahesh Dadoda 12/09/2022



#88

1,4-Dichlorobenzene

Concen: 47.231 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX033309.D

Acq: 08 Dec 2022 09:29

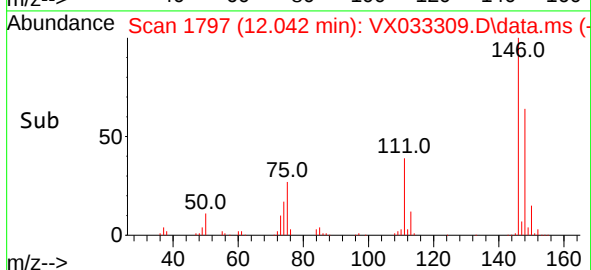
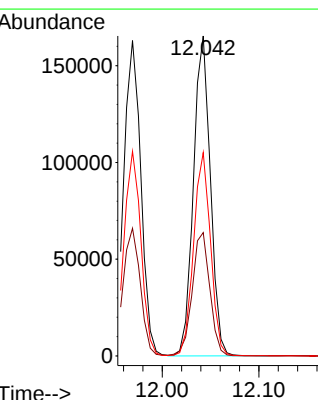
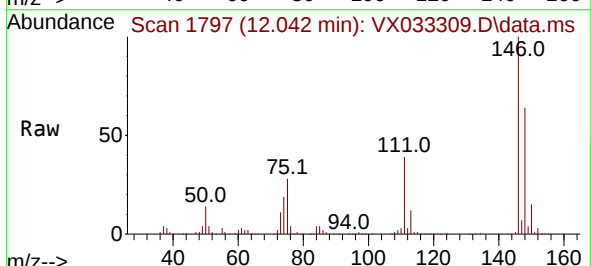
Tgt Ion:146 Resp: 201786

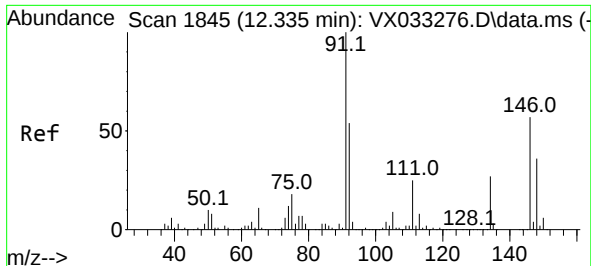
Ion Ratio Lower Upper

146 100

111 40.2 20.5 61.6

148 63.7 32.2 96.6





#89

n-Butylbenzene

Concen: 51.934 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX033309.D

Acq: 08 Dec 2022 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 32475

Ion Ratio Lower Upper

91 100

92 52.6 26.2 78.6

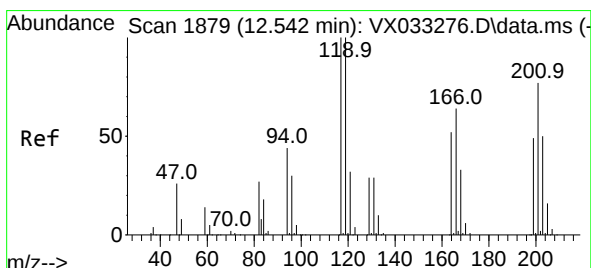
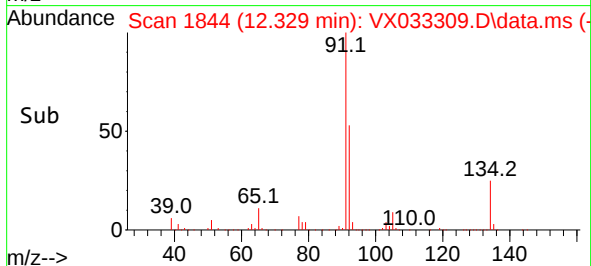
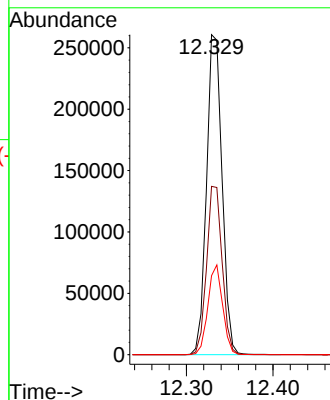
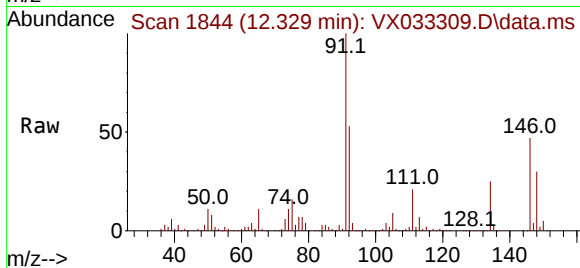
134 26.6 12.9 38.6

Manual Integrations

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Reviewed By :John Carlone 12/09/2022

Supervised By :Mahesh Dadoda 12/09/2022



#90

Hexachloroethane

Concen: 47.479 ug/l

RT: 12.542 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VX033309.D

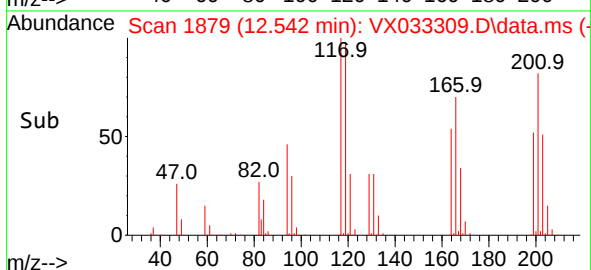
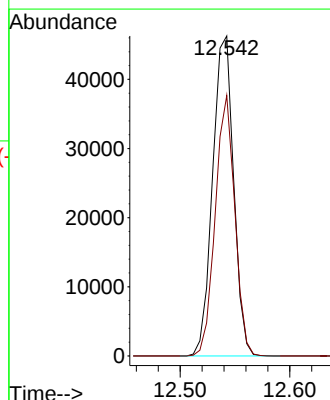
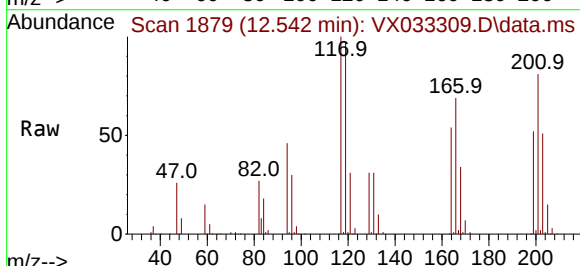
Acq: 08 Dec 2022 09:29

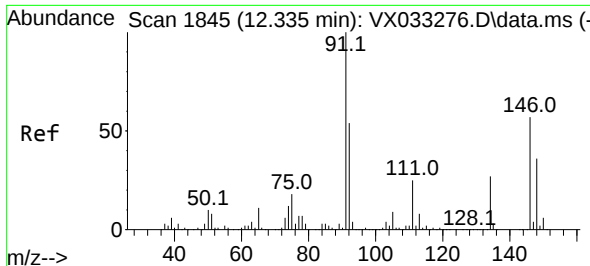
Tgt Ion:117 Resp: 61617

Ion Ratio Lower Upper

117 100

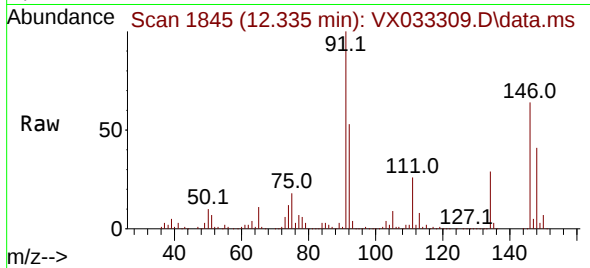
201 75.8 37.6 112.9





#91
1,2-Dichlorobenzene
Concen: 46.487 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

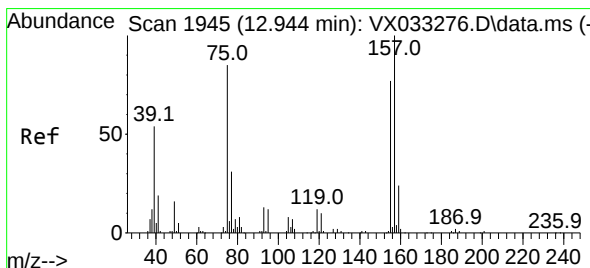
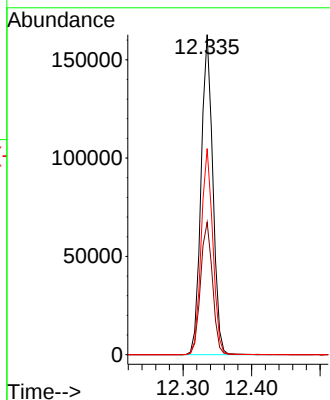
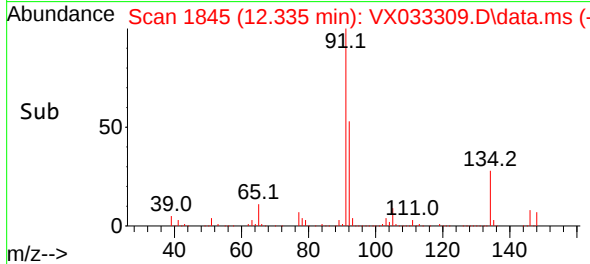
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



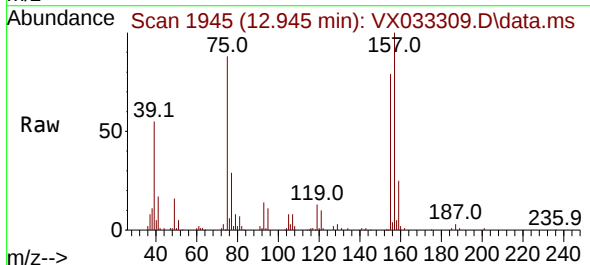
Tgt Ion:146 Resp: 19439
Ion Ratio Lower Upper
146 100
111 42.0 21.5 64.5
148 63.7 32.0 96.2

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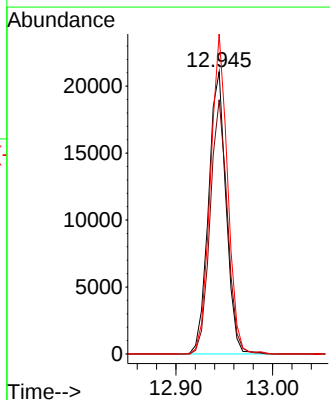
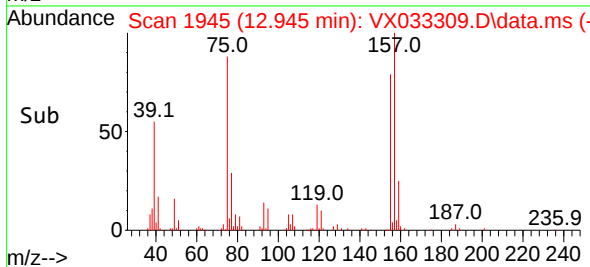
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022

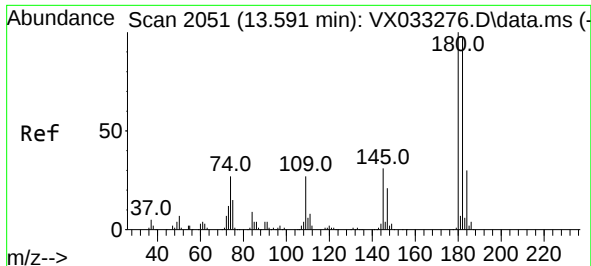


#92
1,2-Dibromo-3-Chloropropane
Concen: 42.375 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29



Tgt Ion: 75 Resp: 26552
Ion Ratio Lower Upper
75 100
155 88.6 41.6 124.8
157 111.1 54.1 162.4





#93

1,2,4-Trichlorobenzene

Concen: 48.849 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.006 min

Lab File: VX033309.D

Acq: 08 Dec 2022 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 123370

Ion Ratio Lower Upper

180 100

182 95.4 48.4 145.0

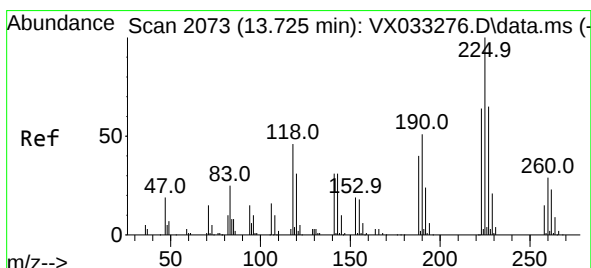
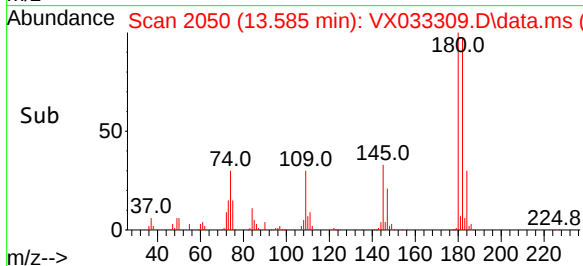
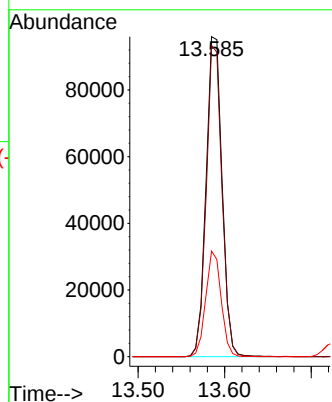
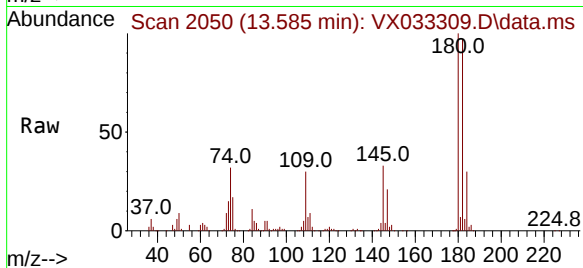
145 31.9 16.2 48.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/09/2022

Supervised By :Mahesh Dadoda 12/09/2022



#94

Hexachlorobutadiene

Concen: 48.628 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX033309.D

Acq: 08 Dec 2022 09:29

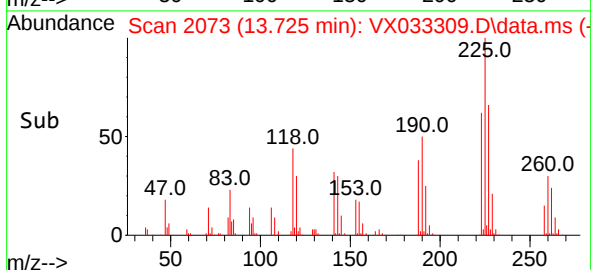
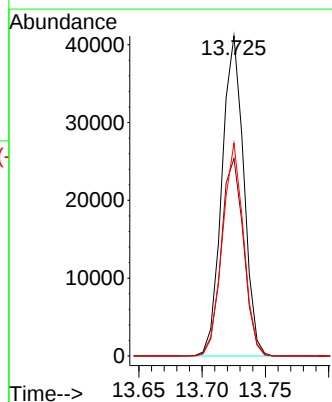
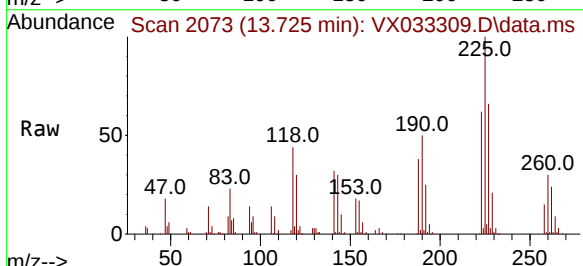
Tgt Ion:225 Resp: 49179

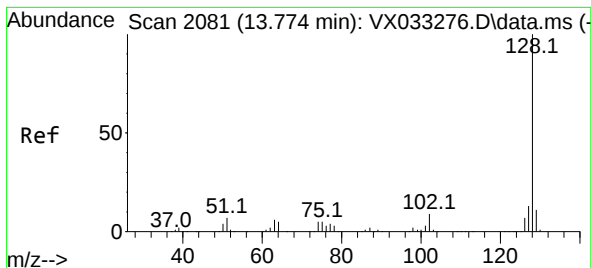
Ion Ratio Lower Upper

225 100

223 63.3 31.9 95.9

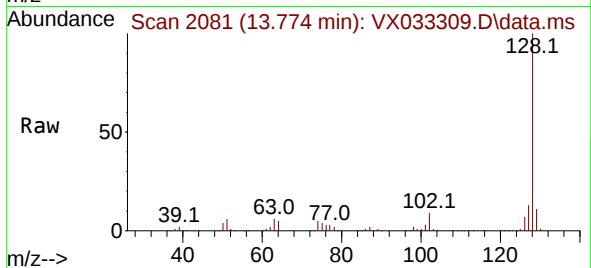
227 64.7 31.9 95.5





#95
Naphthalene
Concen: 47.334 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

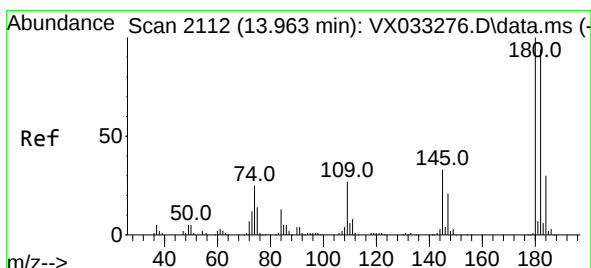
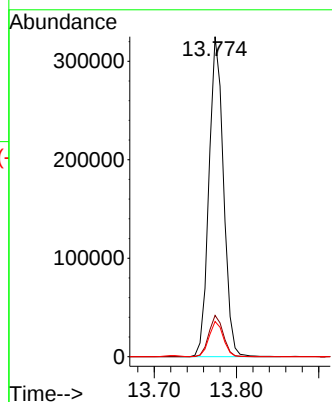
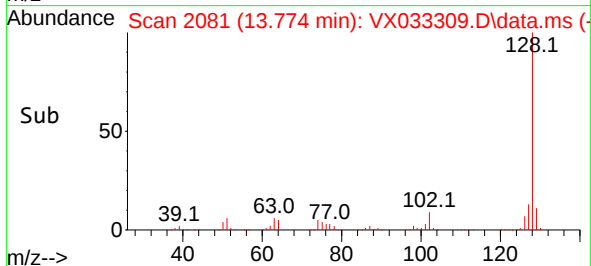
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



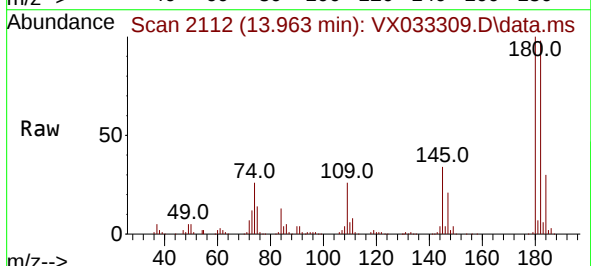
Tgt Ion:128 Resp: 398755
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.8 8.9 13.3

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 47.910 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29



Tgt Ion:180 Resp: 122545
Ion Ratio Lower Upper
180 100
182 95.8 47.5 142.6
145 33.9 16.9 50.6

