

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112222\
 Data File : VX032970.D
 Acq On : 22 Nov 2022 10:15
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Quant Time: Nov 22 11:27:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 10:04:48 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/23/2022
 Supervised By : Mahesh Dadoda 11/28/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	125082	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	196988	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	180400	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92801	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	24635	14.174	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	28.340%#		
35) Dibromofluoromethane	5.385	113	20720	14.746	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	29.500%#		
50) Toluene-d8	8.647	98	64943	13.292	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	26.580%#		
62) 4-Bromofluorobenzene	11.079	95	27026	14.160	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	28.320%#		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	19588	13.578	ug/l	99
3) Chloromethane	1.294	50	20901	17.132	ug/l	96
4) Vinyl Chloride	1.374	62	23375	17.409	ug/l	100
5) Bromomethane	1.618	94	17530	16.337	ug/l	99
6) Chloroethane	1.691	64	18683	20.741	ug/l	99
7) Trichlorofluoromethane	1.892	101	46058	18.103	ug/l	99
8) Diethyl Ether	2.136	74	14994	18.186	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	24838	18.497	ug/l	98
10) Methyl Iodide	2.459	142	28476	20.403	ug/l	99
11) Tert butyl alcohol	2.995	59	20250m	80.052	ug/l	
12) 1,1-Dichloroethene	2.319	96	22354	17.820	ug/l	93
13) Acrolein	2.239	56	21548	85.328	ug/l	100
14) Allyl chloride	2.666	41	35679	17.843	ug/l	99
15) Acrylonitrile	3.069	53	55789	81.263	ug/l	99
16) Acetone	2.392	43	64886	102.720	ug/l	99
17) Carbon Disulfide	2.514	76	58810	19.683	ug/l	100
18) Methyl Acetate	2.703	43	31884	15.522	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	78014	17.695	ug/l	99
20) Methylene Chloride	2.794	84	26994	18.638	ug/l	89
21) trans-1,2-Dichloroethene	3.093	96	24789	18.155	ug/l	92
22) Diisopropyl ether	3.757	45	78917	18.246	ug/l #	85
23) Vinyl Acetate	3.721	43	307588	88.024	ug/l	100
24) 1,1-Dichloroethane	3.611	63	45452	18.270	ug/l	97
25) 2-Butanone	4.562	43	83836	85.665	ug/l	98
26) 2,2-Dichloropropane	4.471	77	35580	17.991	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	29195	18.498	ug/l	100
28) Bromochloromethane	4.904	49	19854	22.405	ug/l	98
29) Tetrahydrofuran	5.013	42	51161	81.983	ug/l	100
30) Chloroform	5.099	83	51289	18.788	ug/l	96
31) Cyclohexane	5.471	56	40030	18.996	ug/l	90
32) 1,1,1-Trichloroethane	5.385	97	45096	18.409	ug/l	99
36) 1,1-Dichloropropene	5.696	75	35737	18.264	ug/l	98
37) Ethyl Acetate	4.715	43	31873	15.649	ug/l	99
38) Carbon Tetrachloride	5.678	117	40147	18.499	ug/l	95
39) Methylcyclohexane	7.379	83	41869	18.085	ug/l	98
40) Benzene	6.037	78	103753	18.738	ug/l	96

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Manual Integrations
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 Supervised By : Mahesh Dadoda 11/28/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	17453	16.821	ug/l	98
42) 1,2-Dichloroethane	6.086	62	41662	18.406	ug/l	100
43) Isopropyl Acetate	6.342	43	51883	16.591	ug/l	98
44) Trichloroethene	7.129	130	29200	18.733	ug/l	99
45) 1,2-Dichloropropane	7.434	63	25864	18.196	ug/l	96
46) Dibromomethane	7.580	93	19947	18.299	ug/l	99
47) Bromodichloromethane	7.824	83	39187	18.967	ug/l	96
48) Methyl methacrylate	7.696	41	27156	16.814	ug/l	99
49) 1,4-Dioxane	7.714	88	10943	355.524	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	170398	86.506	ug/l	100
52) Toluene	8.720	92	68288	18.903	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	37778	17.922	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	41638	18.468	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	27843	18.301	ug/l	98
56) Ethyl methacrylate	9.116	69	37896	17.309	ug/l	98
57) 1,3-Dichloropropane	9.311	76	44747	18.213	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	92332	87.582	ug/l	99
59) 2-Hexanone	9.427	43	130998	89.626	ug/l	98
60) Dibromochloromethane	9.519	129	29470	17.734	ug/l	98
61) 1,2-Dibromoethane	9.610	107	29181	18.102	ug/l	100
64) Tetrachloroethene	9.275	164	26166	19.817	ug/l	97
65) Chlorobenzene	10.079	112	75643	18.719	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	27319	17.963	ug/l	100
67) Ethyl Benzene	10.195	91	134791	18.653	ug/l	99
68) m/p-Xylenes	10.299	106	105604	37.635	ug/l	99
69) o-Xylene	10.640	106	51544	18.893	ug/l	98
70) Styrene	10.653	104	83819	18.486	ug/l	100
71) Bromoform	10.799	173	21144	17.584	ug/l #	99
73) Isopropylbenzene	10.963	105	135606	18.440	ug/l	100
74) N-amyl acetate	10.842	43	46477	16.727	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	40997	17.368	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	36005m	17.439	ug/l	
77) Bromobenzene	11.201	156	32654	18.113	ug/l	99
78) n-propylbenzene	11.305	91	155487	18.352	ug/l	99
79) 2-Chlorotoluene	11.366	91	94202	18.566	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	116638	18.558	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	10338	15.933	ug/l	94
82) 4-Chlorotoluene	11.457	91	111118	18.715	ug/l	100
83) tert-Butylbenzene	11.713	119	111611	17.788	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	117923	18.865	ug/l	100
85) sec-Butylbenzene	11.890	105	137350	18.192	ug/l	99
86) p-Isopropyltoluene	12.012	119	118429	18.486	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	62976	18.518	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	63380	17.965	ug/l	99
89) n-Butylbenzene	12.335	91	99880	17.920	ug/l	99
90) Hexachloroethane	12.536	117	18574	17.750	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	61437	18.322	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8143	15.734	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	37000	16.923	ug/l	99
94) Hexachlorobutadiene	13.725	225	16033	17.558	ug/l	99
95) Naphthalene	13.774	128	121340	16.655	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	37288	16.777	ug/l	100

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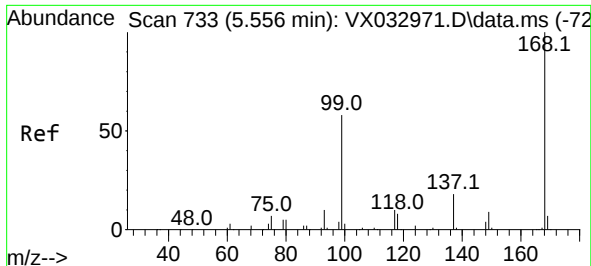
Manual Integrations
APPROVED

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Quant Time: Nov 22 11:27:23 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 22 10:04:48 2022
Response via : Initial Calibration

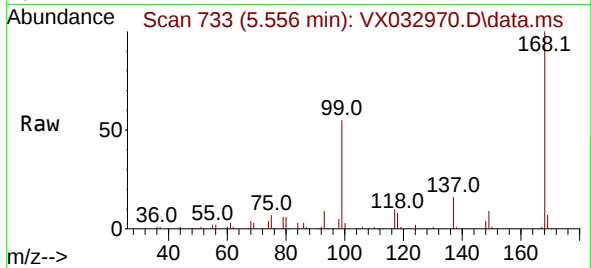
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032970.D
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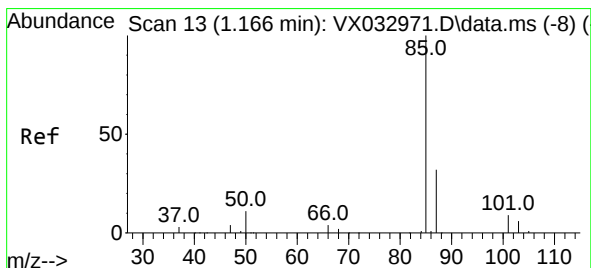
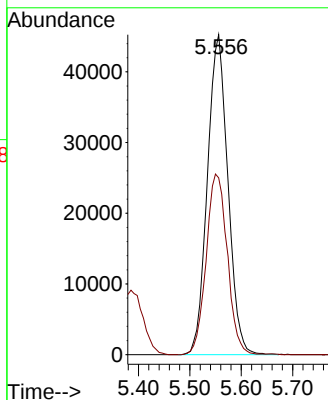
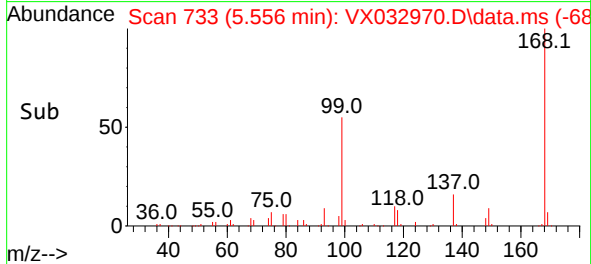
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:168 Resp: 12508
Ion Ratio Lower Upper
168 100
99 55.2 46.1 69.1

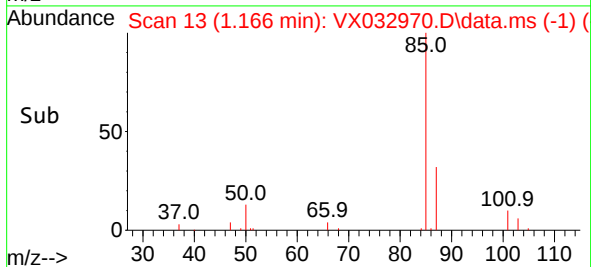
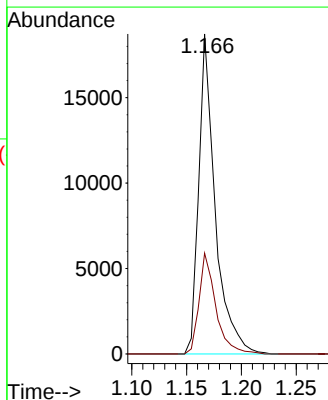
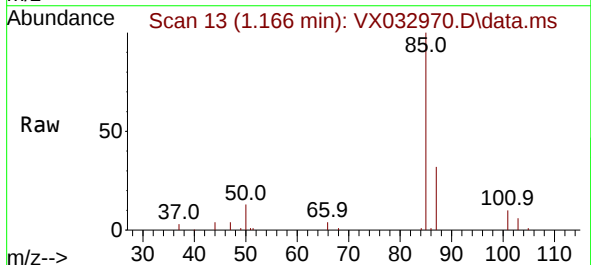
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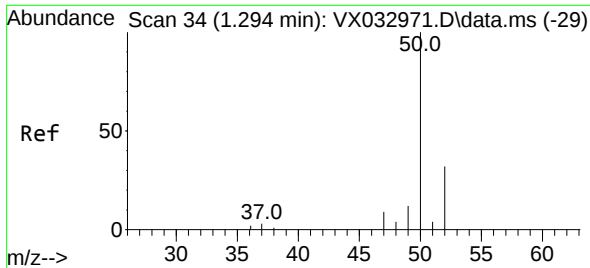
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#2
Dichlorodifluoromethane
Concen: 13.578 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX032970.D
Acq: 22 Nov 2022 10:15

Tgt Ion: 85 Resp: 19588
Ion Ratio Lower Upper
85 100
87 31.5 15.6 46.7





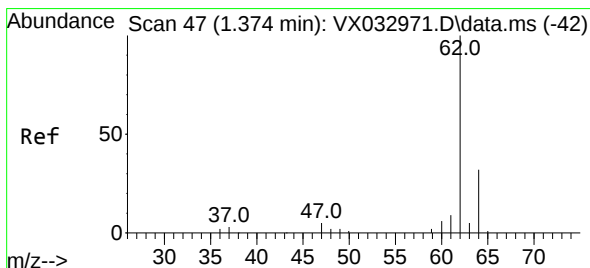
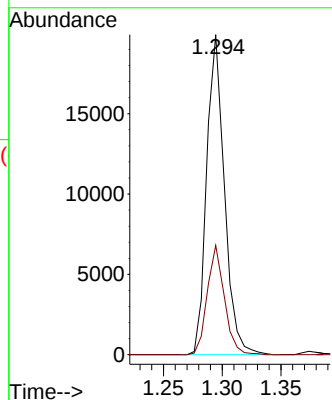
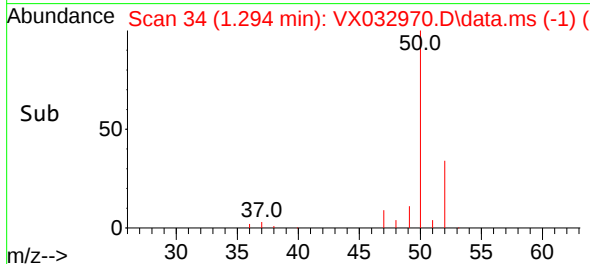
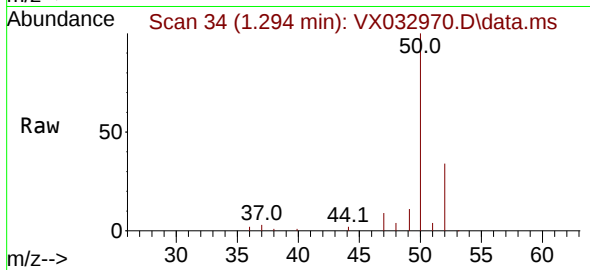
#3
Chloromethane
Concen: 17.132 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX032970.D
Acq: 22 Nov 2022 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 50 Resp: 2090
Ion Ratio Lower Upper
50 100
52 34.1 25.4 38.2

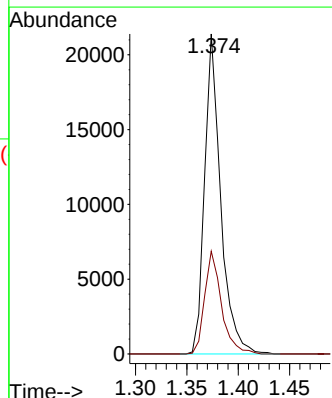
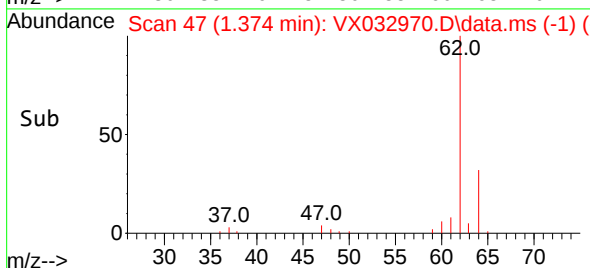
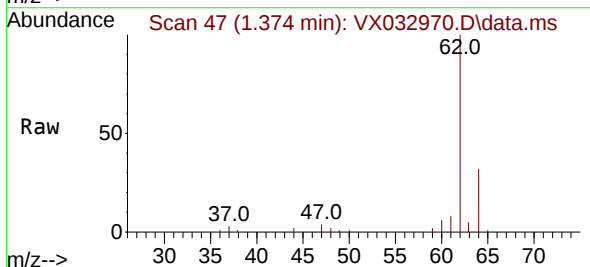
Manual Integrations
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Reviewed By :John Carlone 11/23/2022
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#4
Vinyl Chloride
Concen: 17.409 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX032970.D
Acq: 22 Nov 2022 10:15

Tgt Ion: 62 Resp: 23375
Ion Ratio Lower Upper
62 100
64 32.1 25.8 38.6





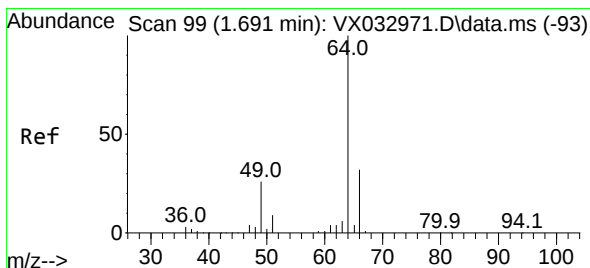
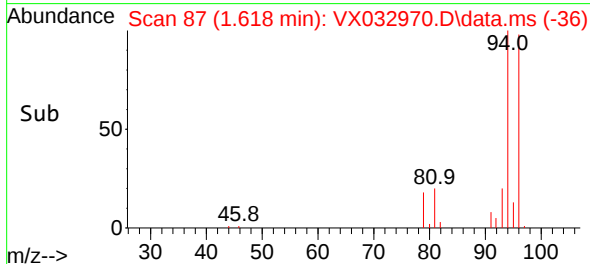
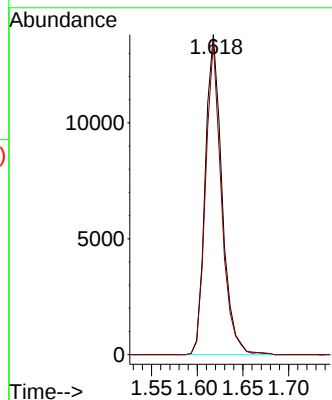
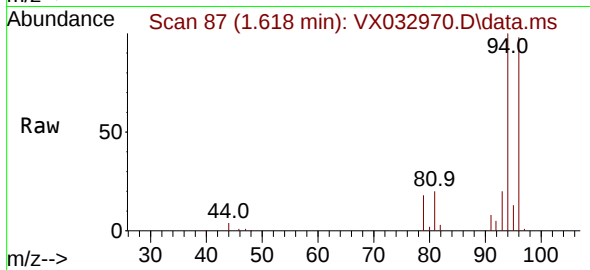
#5
Bromomethane
Concen: 16.337 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.012 min
Lab File: VX032970.D
Acq: 22 Nov 2022 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 94 Resp: 17530
Ion Ratio Lower Upper
94 100
96 97.6 77.6 116.4

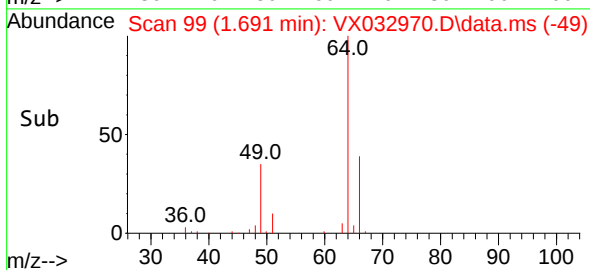
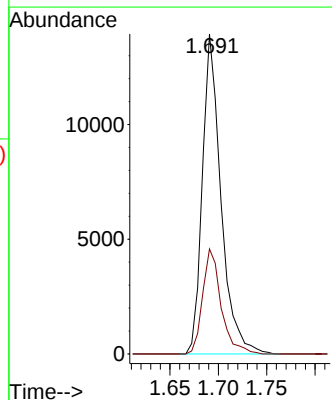
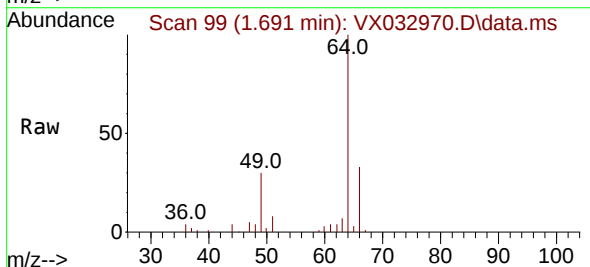
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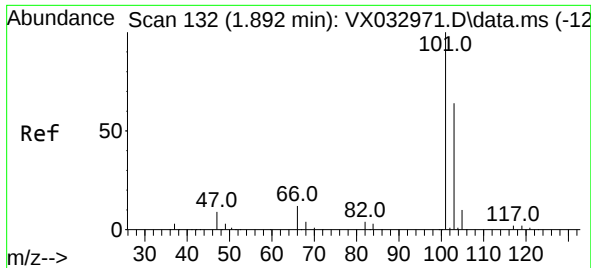
Reviewed By :John Carlone 11/23/2022
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#6
Chloroethane
Concen: 20.741 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX032970.D
Acq: 22 Nov 2022 10:15

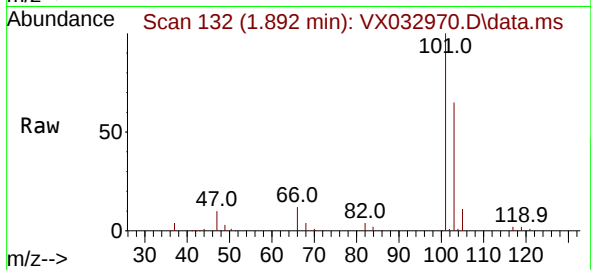
Tgt Ion: 64 Resp: 18683
Ion Ratio Lower Upper
64 100
66 32.8 26.0 39.0





#7
Trichlorofluoromethane
Concen: 18.103 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX032970.D
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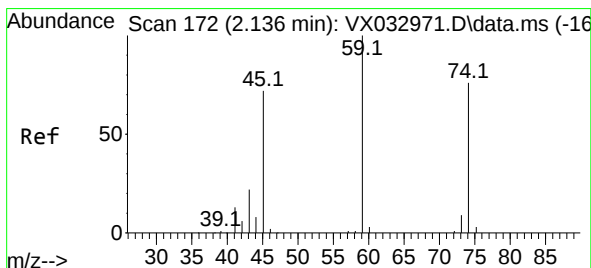
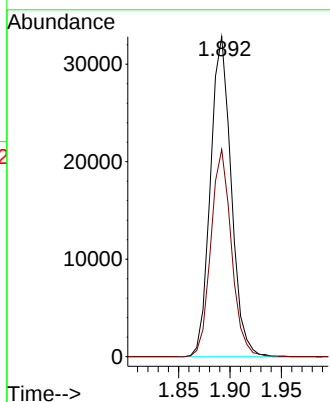
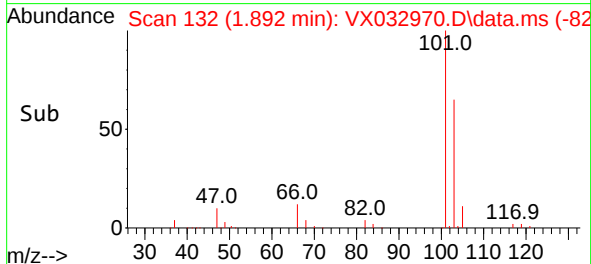
Instrument :
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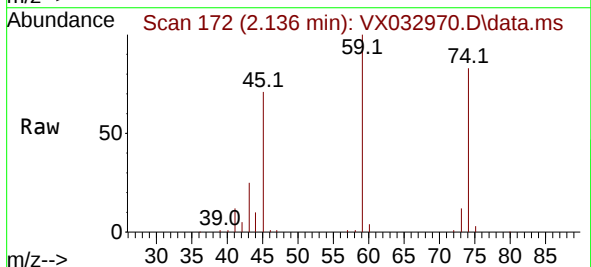
Tgt Ion:101 Resp: 46058
Ion Ratio Lower Upper
101 100
103 64.7 51.4 77.2

Manual Integrations
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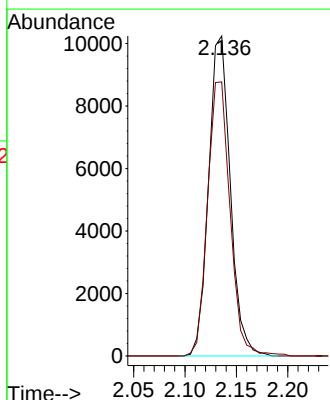
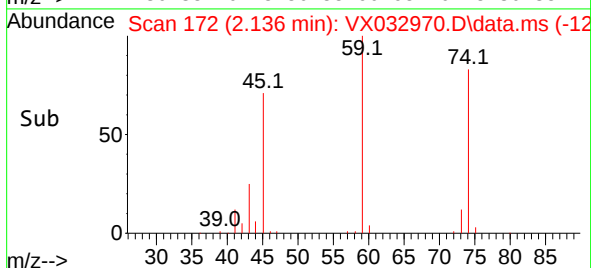
Reviewed By :John Carlone 11/23/2022
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#8
Diethyl Ether
Concen: 18.186 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX032970.D
Acq: 22 Nov 2022 10:15



Tgt Ion: 74 Resp: 14994
Ion Ratio Lower Upper
74 100
45 89.2 46.6 139.7





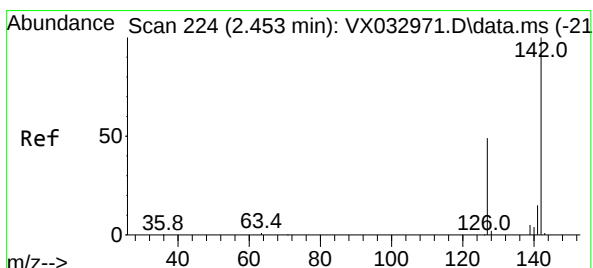
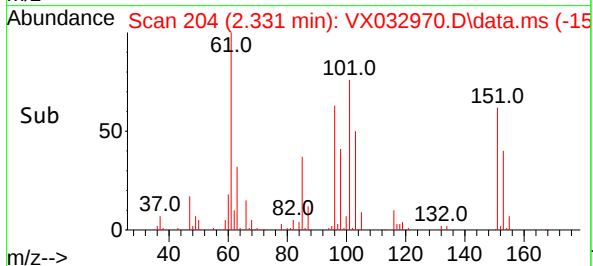
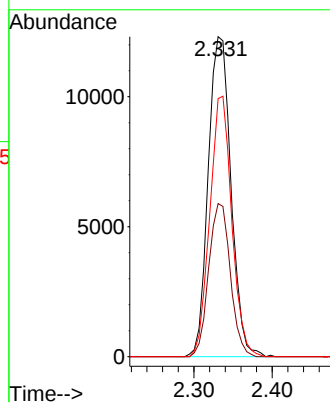
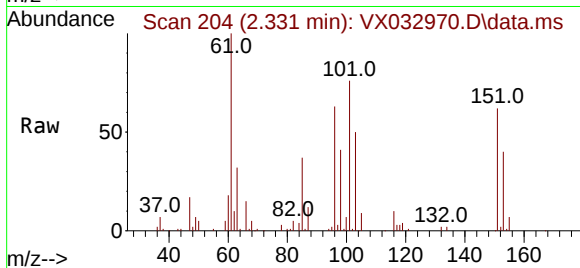
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.497 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX032970.D
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Tgt Ion:101 Resp: 24838
Ion Ratio Lower Upper
101 100
85 45.5 37.0 55.4
151 78.6 64.4 96.6

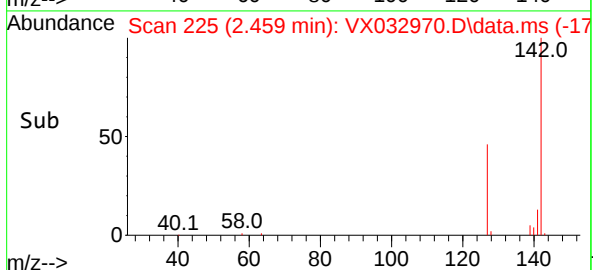
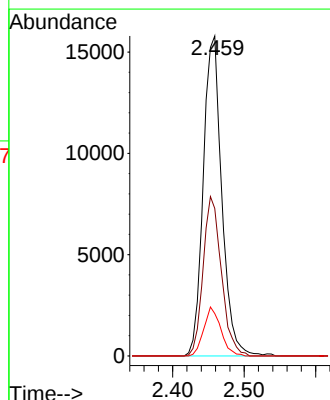
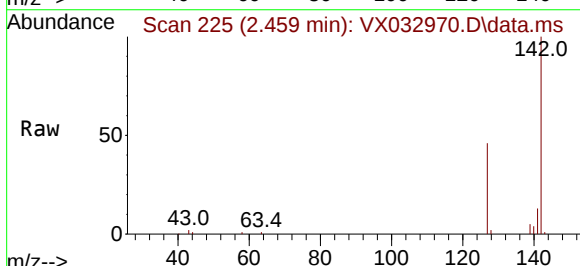
Manual Integrations
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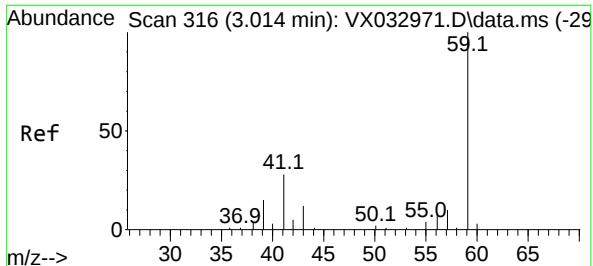
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#10
Methyl Iodide
Concen: 20.403 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX032970.D
Acq: 22 Nov 2022 10:15

Tgt Ion:142 Resp: 28476
Ion Ratio Lower Upper
142 100
127 49.0 38.6 57.8
141 14.1 11.4 17.2





#11

Tert butyl alcohol

Concen: 80.052 ug/l m

RT: 2.995 min Scan# 31

Delta R.T. 0.031 min

Lab File: VX032970.D

Acq: 22 Nov 2022 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 59 Resp: 20250

Ion Ratio Lower Upper

59 100

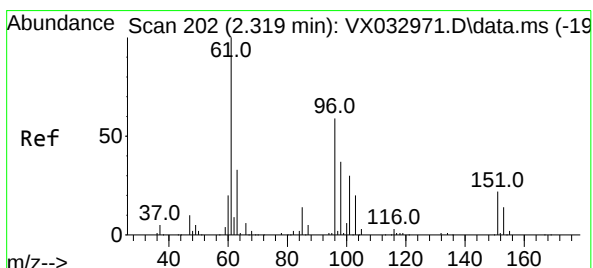
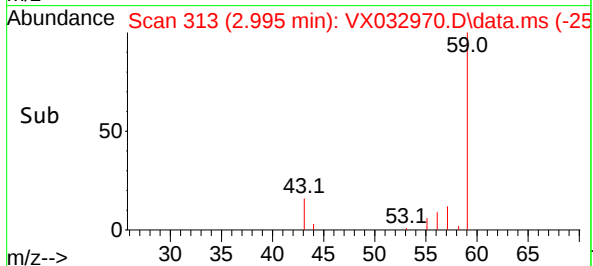
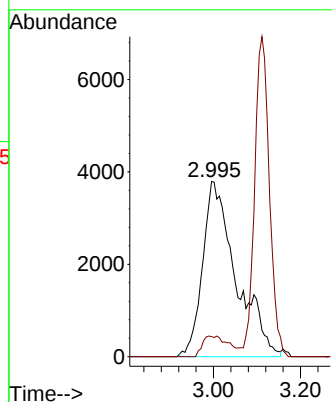
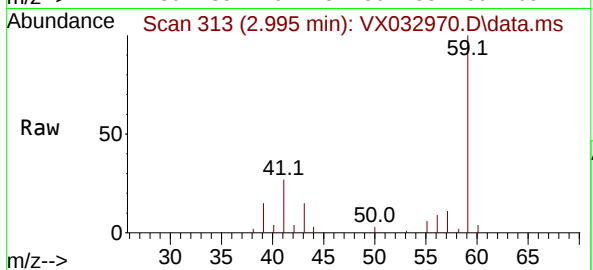
57 9.1 8.2 12.4

Manual Integrations

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Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/28/2022



#12

1,1-Dichloroethene

Concen: 17.820 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX032970.D

Acq: 22 Nov 2022 10:15

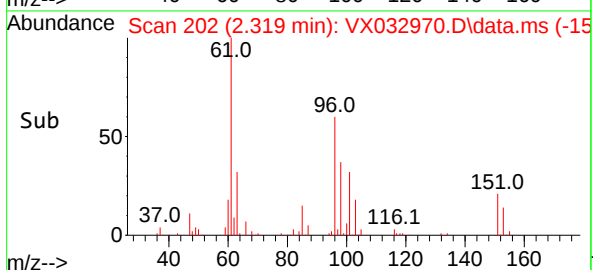
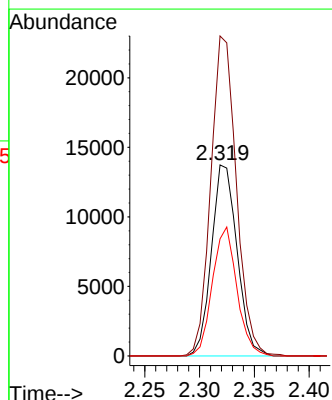
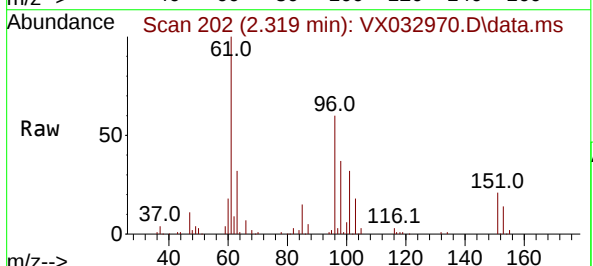
Tgt Ion: 96 Resp: 22354

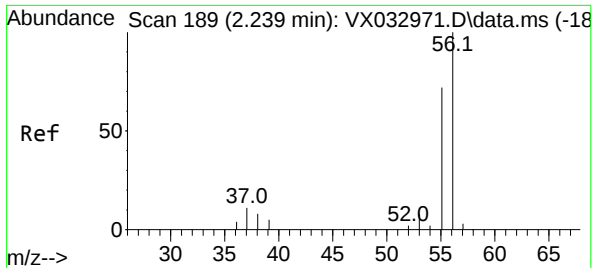
Ion Ratio Lower Upper

96 100

61 167.5 125.1 187.7

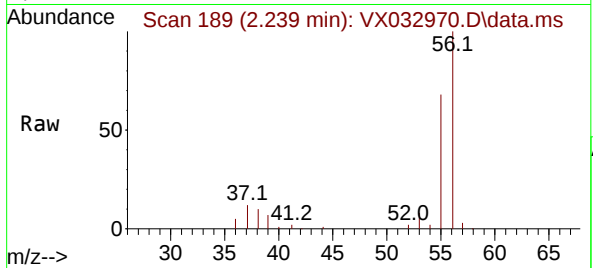
98 61.3 50.6 76.0





#13
Acrolein
Concen: 85.328 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX032970.D
Acq: 22 Nov 2022 10:15

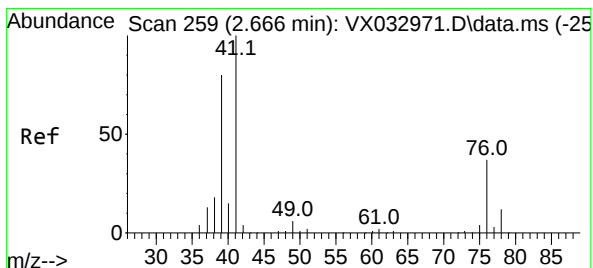
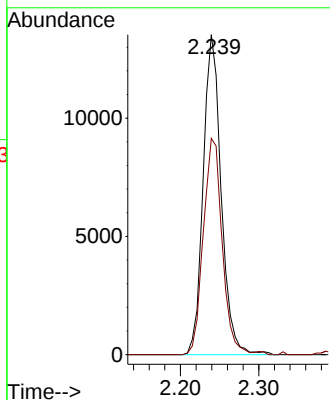
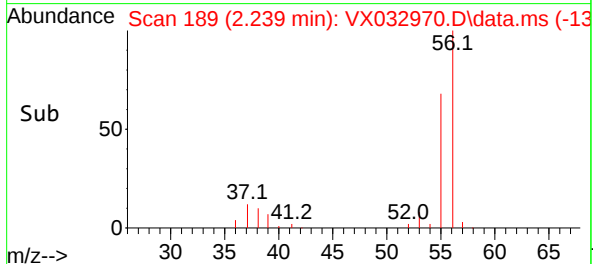
Instrument :
MSVOA_X
Client Sample Id :
VSTDICC020



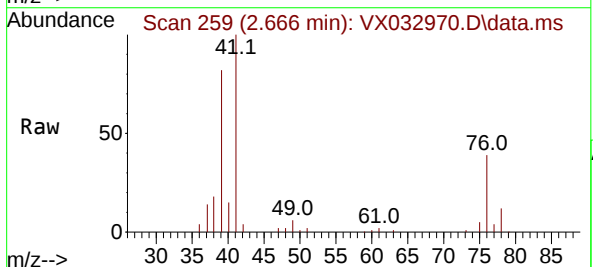
Tgt Ion: 56 Resp: 21548
Ion Ratio Lower Upper
56 100
55 70.9 56.9 85.3

Manual Integrations
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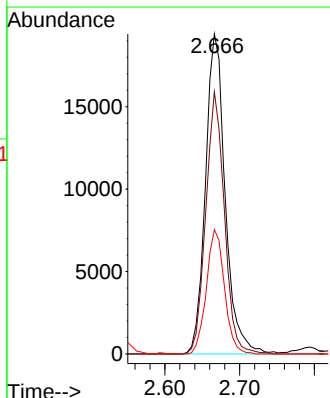
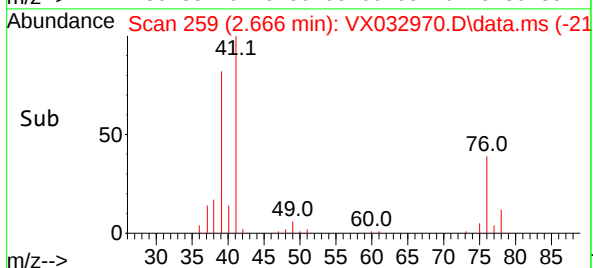
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#14
Allyl chloride
Concen: 17.843 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX032970.D
Acq: 22 Nov 2022 10:15



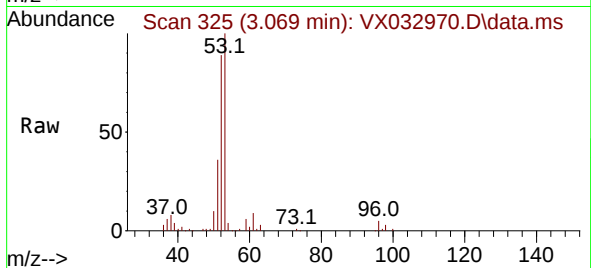
Tgt Ion: 41 Resp: 35679
Ion Ratio Lower Upper
41 100
39 77.2 61.4 92.2
76 35.7 29.2 43.8





#15
Acrylonitrile
Concen: 81.263 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX032970.D
Acq: 22 Nov 2022 10:15

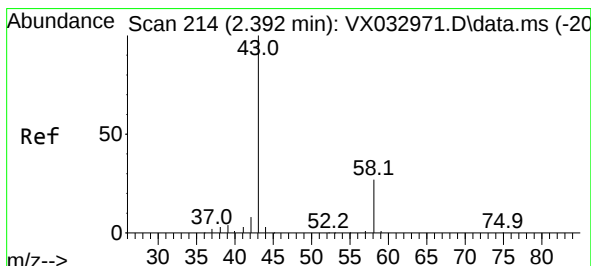
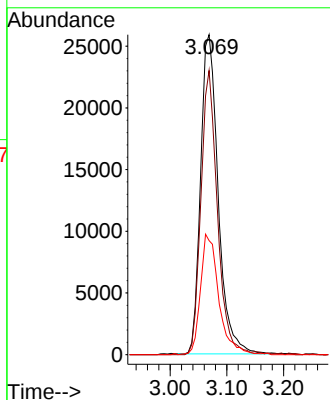
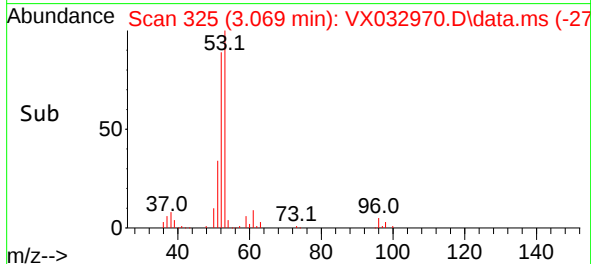
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



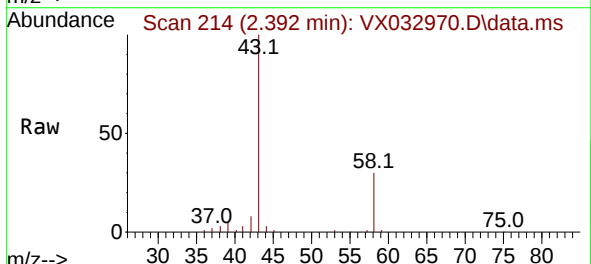
Tgt Ion: 53 Resp: 55789
Ion Ratio Lower Upper
53 100
52 83.8 67.4 101.0
51 39.2 30.3 45.5

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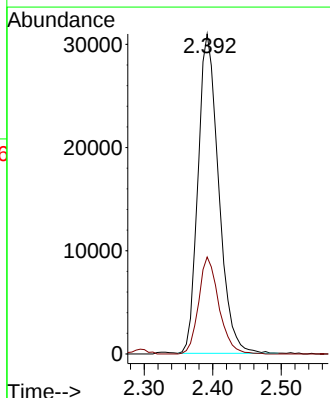
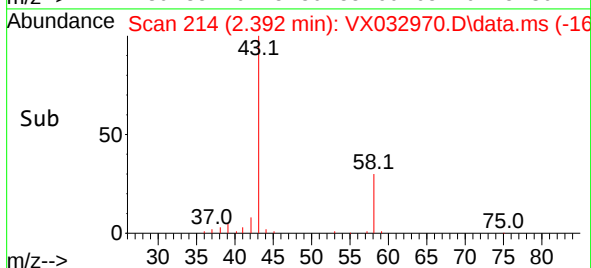
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022

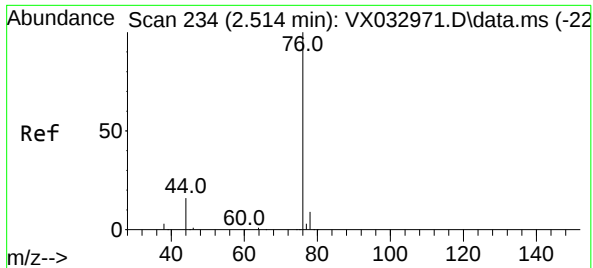


#16
Acetone
Concen: 102.720 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX032970.D
Acq: 22 Nov 2022 10:15



Tgt Ion: 43 Resp: 64886
Ion Ratio Lower Upper
43 100
58 30.3 23.8 35.8





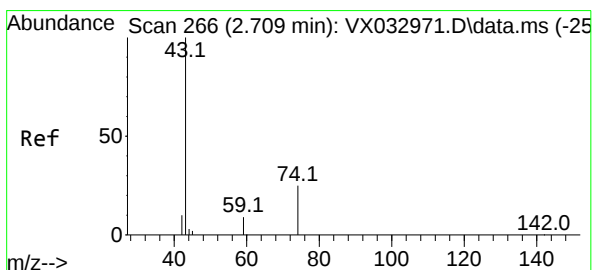
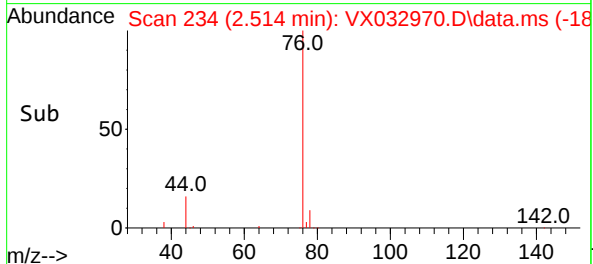
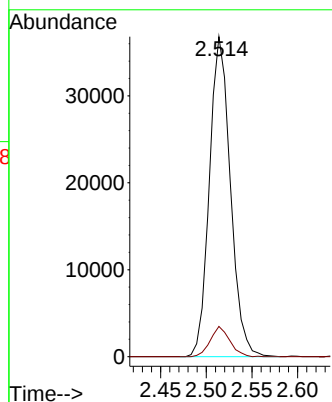
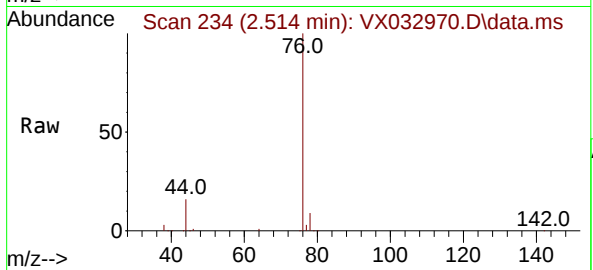
#17
Carbon Disulfide
Concen: 19.683 ug/l
RT: 2.514 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX032970.D
Acq: 22 Nov 2022 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 76 Resp: 58810
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3

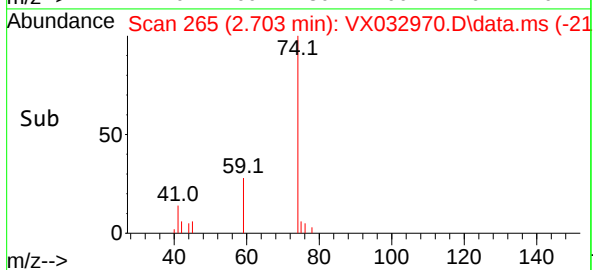
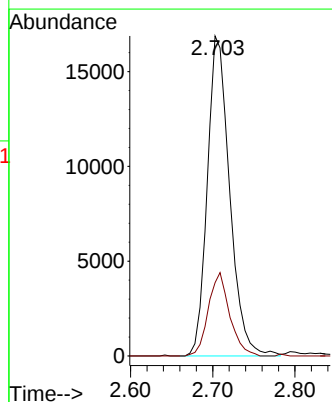
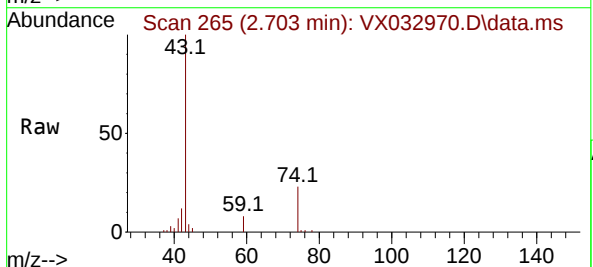
Manual Integrations
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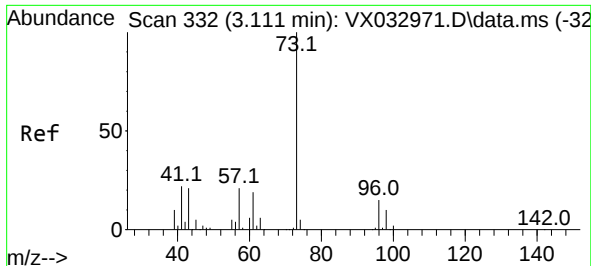
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#18
Methyl Acetate
Concen: 15.522 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX032970.D
Acq: 22 Nov 2022 10:15

Tgt Ion: 43 Resp: 31884
Ion Ratio Lower Upper
43 100
74 24.9 19.4 29.0





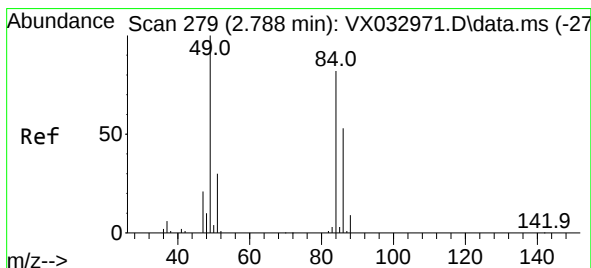
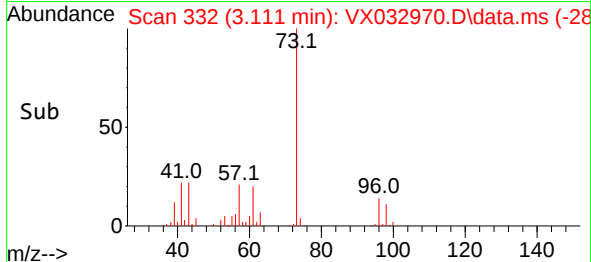
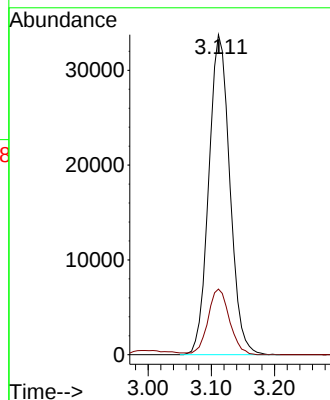
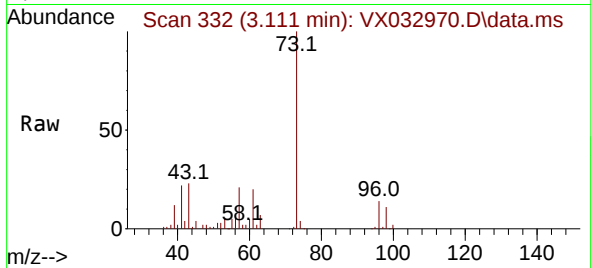
#19
Methyl tert-butyl Ether
Concen: 17.695 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX032970.D
Acq: 22 Nov 2022 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 73 Resp: 78014
Ion Ratio Lower Upper
73 100
57 20.5 16.6 25.0

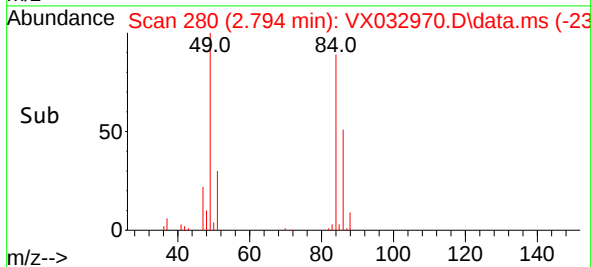
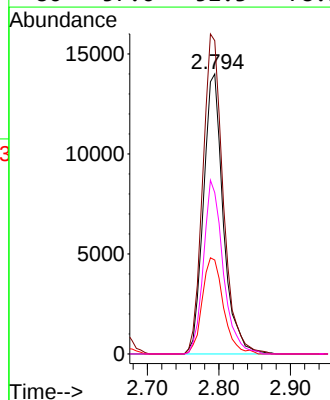
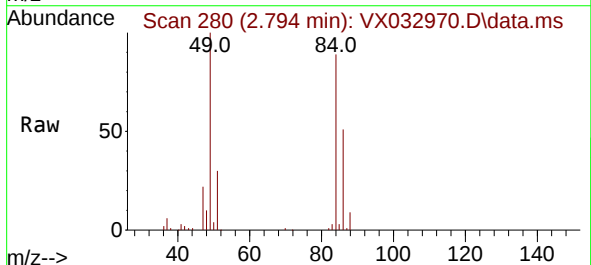
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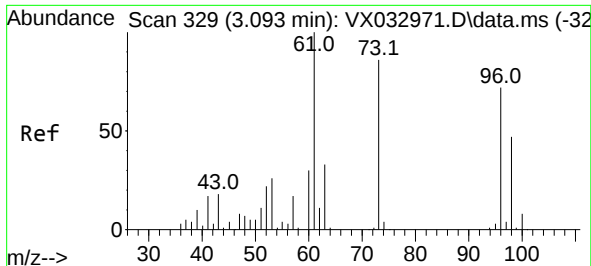
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#20
Methylene Chloride
Concen: 18.638 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX032970.D
Acq: 22 Nov 2022 10:15

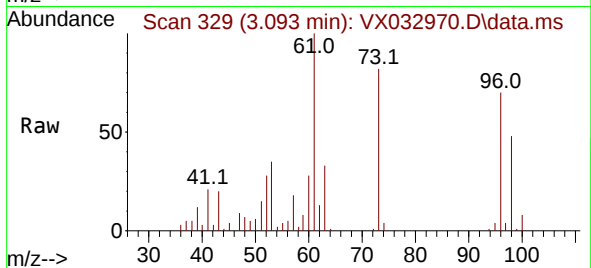
Tgt Ion: 84 Resp: 26994
Ion Ratio Lower Upper
84 100
49 111.9 101.0 151.6
51 33.6 31.1 46.7
86 57.6 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 18.155 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX032970.D
Acq: 22 Nov 2022 10:15

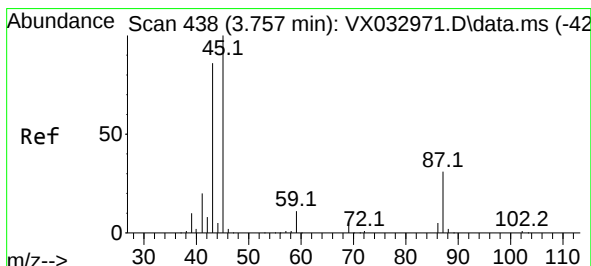
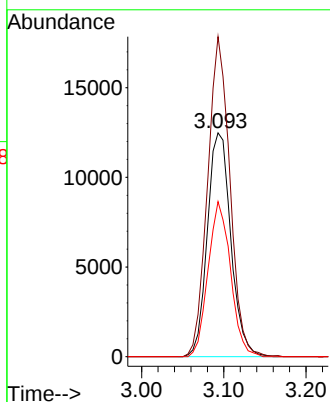
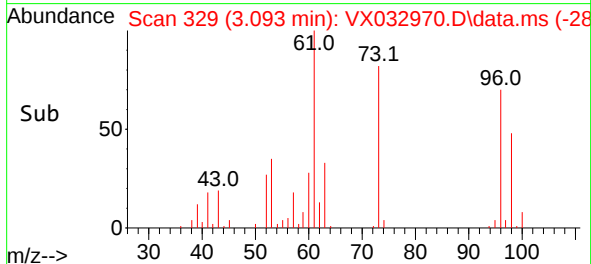
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



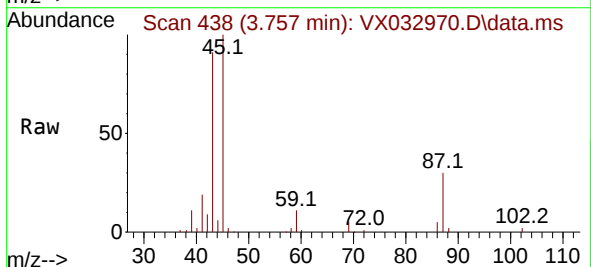
Tgt Ion: 96 Resp: 24789
Ion Ratio Lower Upper
96 100
61 143.0 106.6 160.0
98 69.3 51.0 76.6

Manual Integrations
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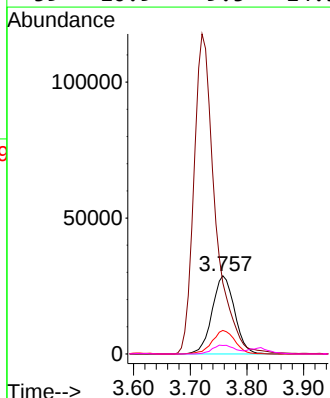
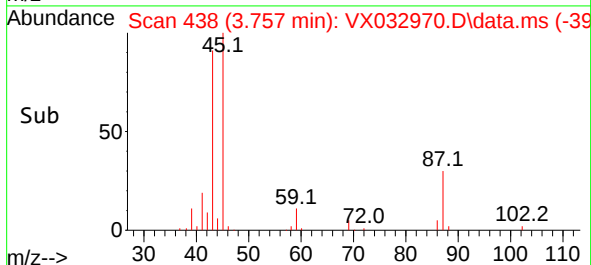
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#22
Diisopropyl ether
Concen: 18.246 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX032970.D
Acq: 22 Nov 2022 10:15



Tgt Ion: 45 Resp: 78917
Ion Ratio Lower Upper
45 100
43 89.4 56.4 84.6#
87 30.1 24.4 36.6
59 10.9 9.5 14.3





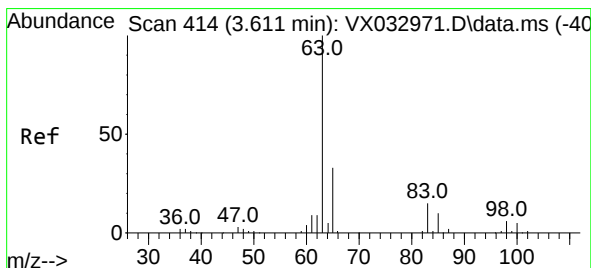
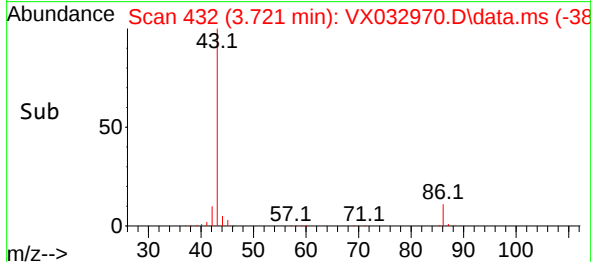
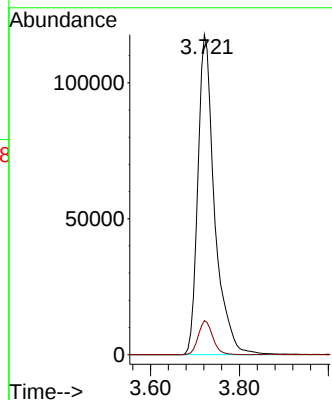
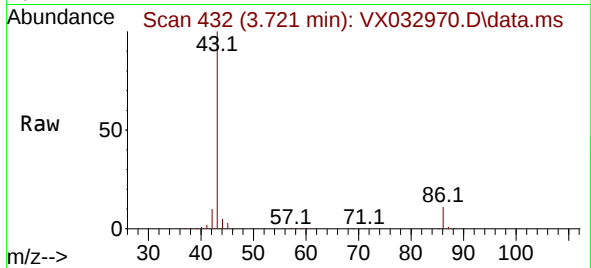
#23
 Vinyl Acetate
 Concen: 88.024 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX032970.D
 Acq: 22 Nov 2022 10:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Tgt Ion: 43 Resp: 30758
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.6 12.8

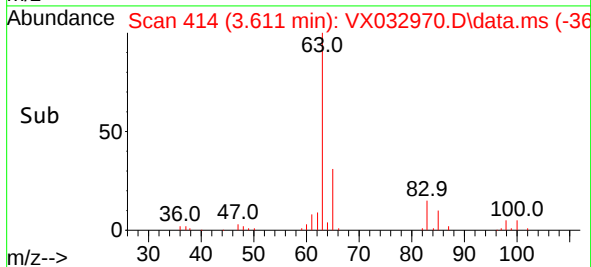
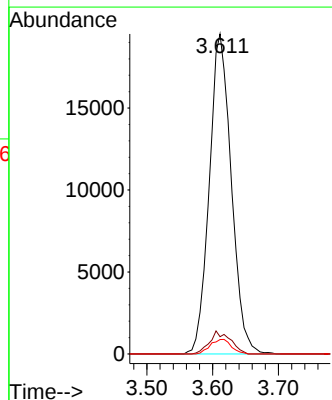
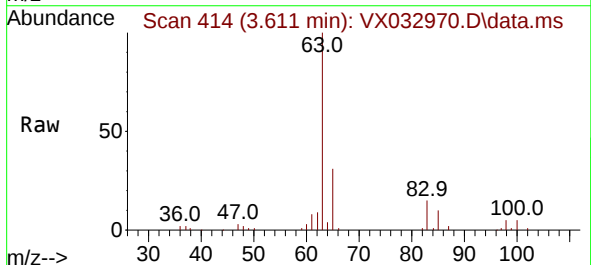
Manual Integrations
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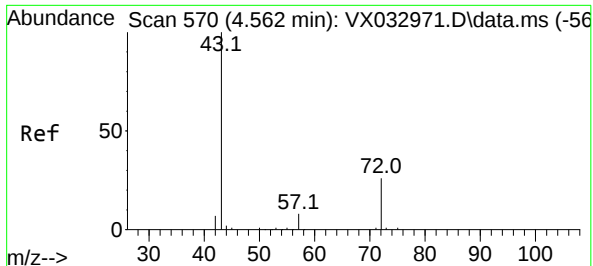
Reviewed By :John Carlone 11/23/2022
 Supervised By :Mahesh Dadoda 11/28/2022



#24
 1,1-Dichloroethane
 Concen: 18.270 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX032970.D
 Acq: 22 Nov 2022 10:15

Tgt Ion: 63 Resp: 45452
 Ion Ratio Lower Upper
 63 100
 98 5.4 3.5 10.4
 100 4.5 2.3 6.8





#25

2-Butanone

Concen: 85.665 ug/l

RT: 4.562 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX032970.D

Acq: 22 Nov 2022 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 83830

Ion Ratio Lower Upper

43 100

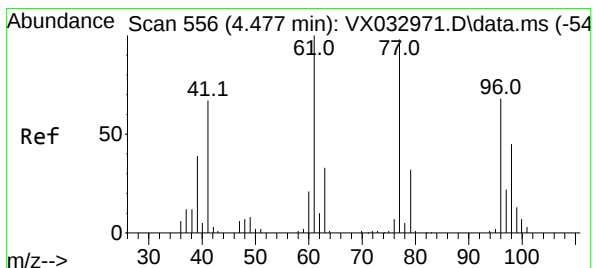
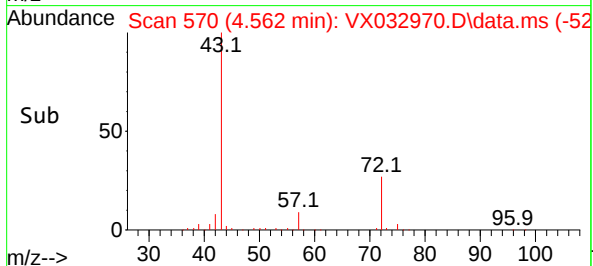
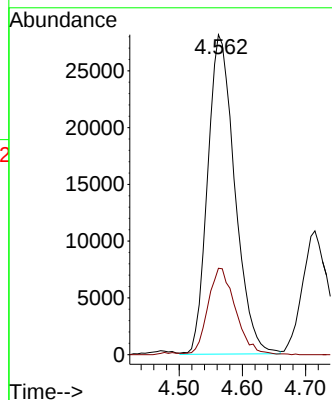
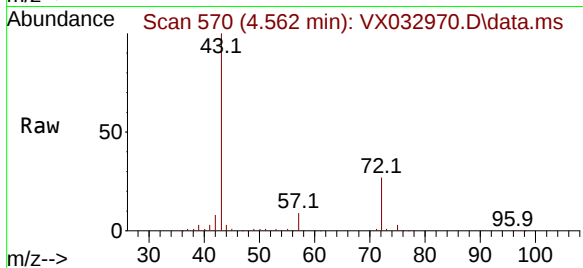
72 26.9 22.2 33.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/28/2022



#26

2,2-Dichloropropane

Concen: 17.991 ug/l

RT: 4.471 min Scan# 555

Delta R.T. -0.006 min

Lab File: VX032970.D

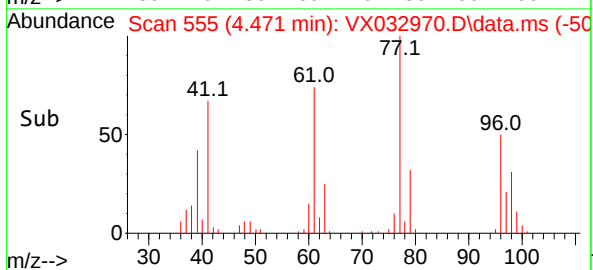
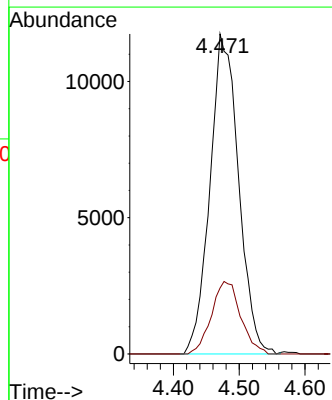
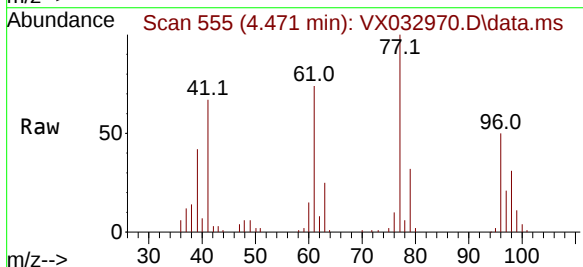
Acq: 22 Nov 2022 10:15

Tgt Ion: 77 Resp: 35580

Ion Ratio Lower Upper

77 100

97 23.1 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 18.498 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX032970.D

Acq: 22 Nov 2022 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 96 Resp: 2919

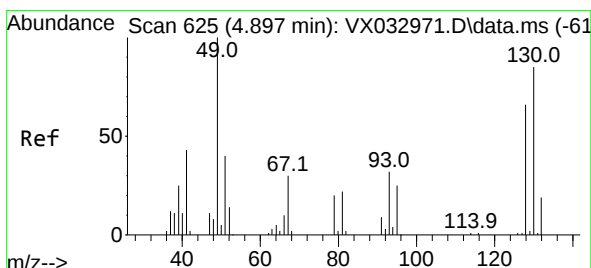
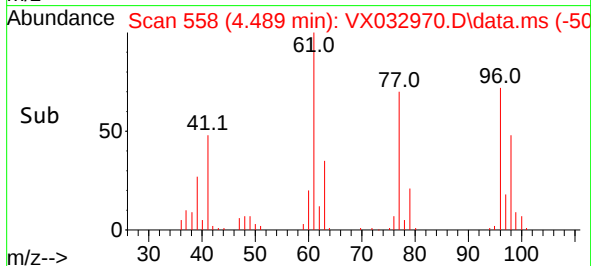
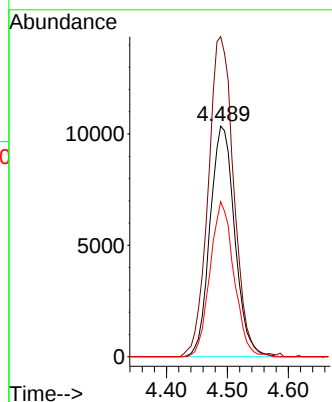
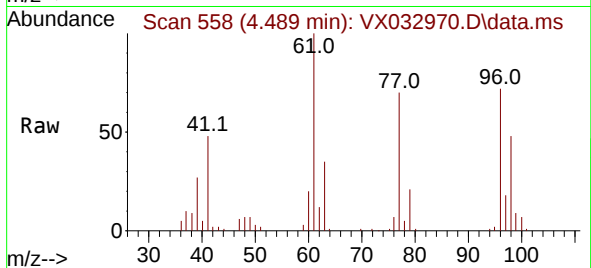
Ion	Ratio	Lower	Upper
96	100		
61	143.4	0.0	286.0
98	64.9	0.0	129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/28/2022



#28

Bromochloromethane

Concen: 22.405 ug/l

RT: 4.904 min Scan# 626

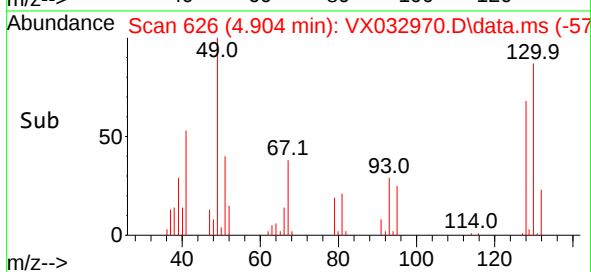
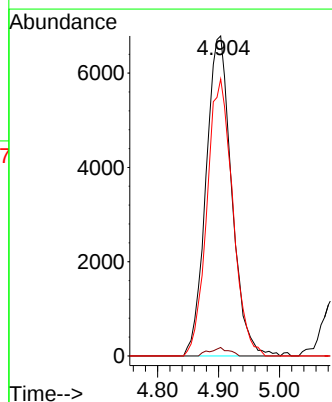
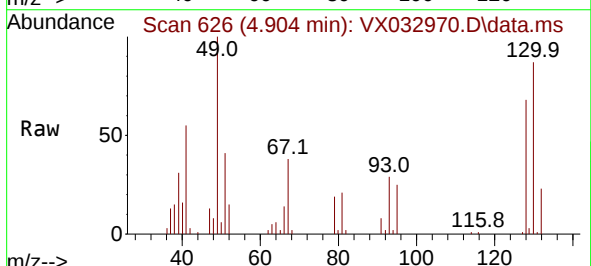
Delta R.T. 0.000 min

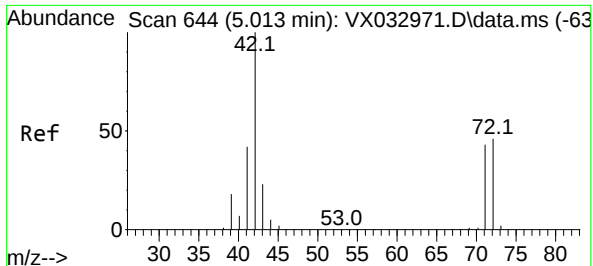
Lab File: VX032970.D

Acq: 22 Nov 2022 10:15

Tgt Ion: 49 Resp: 19854

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.8
130	86.7	67.5	101.3





#29

Tetrahydrofuran

Concen: 81.983 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.012 min

Lab File: VX032970.D

Acq: 22 Nov 2022 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

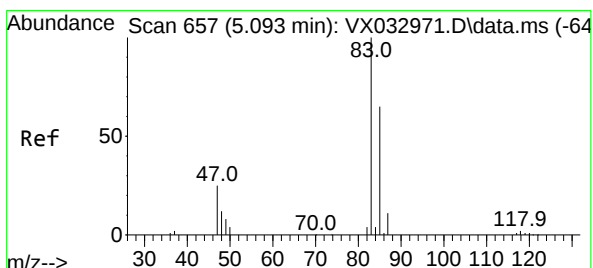
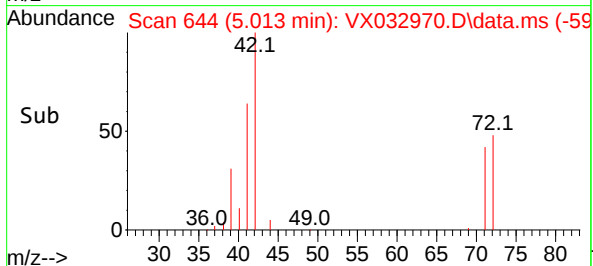
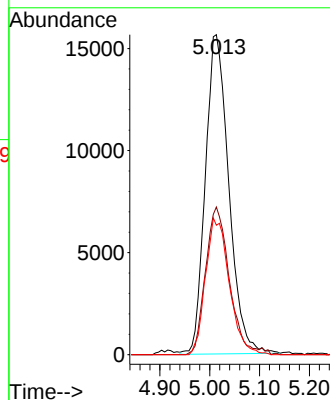
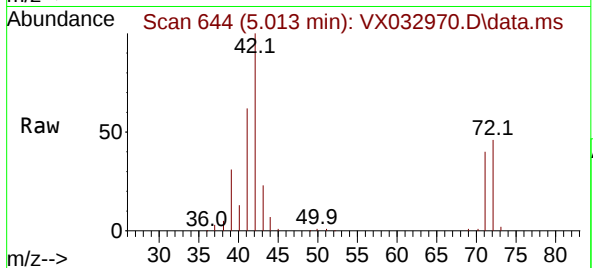
Tgt Ion:	42	Resp:	5116
Ion	Ratio	Lower	Upper
42	100		
72	47.2	37.6	56.4
71	43.3	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/28/2022



#30

Chloroform

Concen: 18.788 ug/l

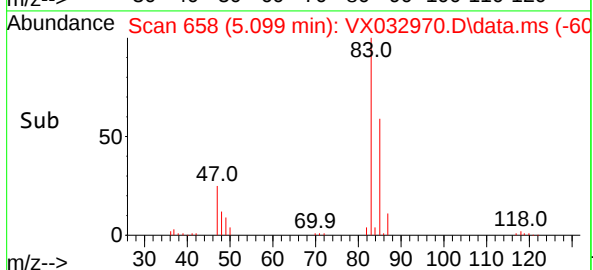
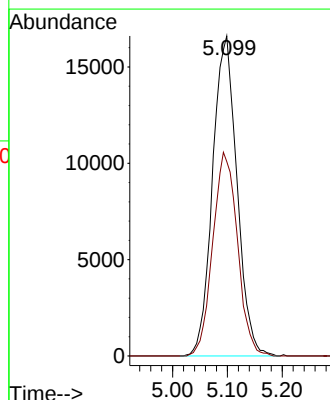
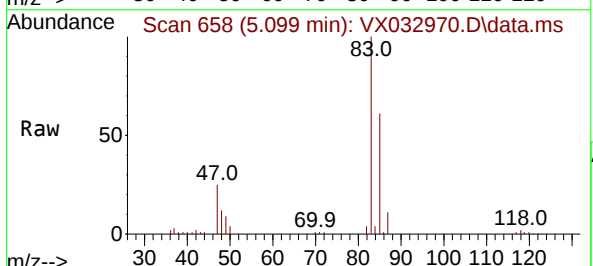
RT: 5.099 min Scan# 658

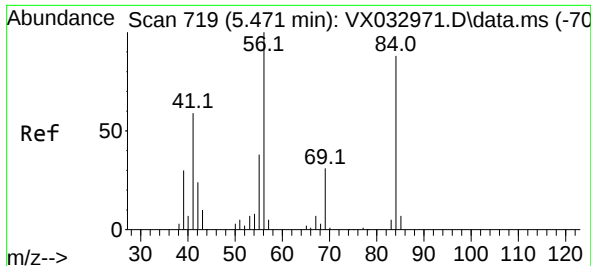
Delta R.T. 0.000 min

Lab File: VX032970.D

Acq: 22 Nov 2022 10:15

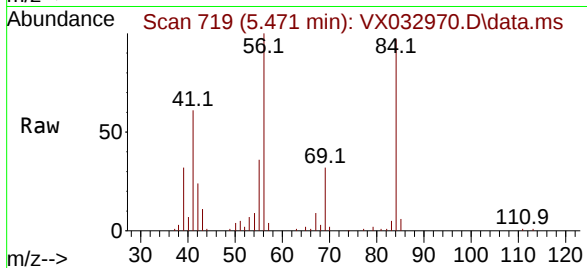
Tgt Ion:	83	Resp:	51289
Ion	Ratio	Lower	Upper
83	100		
85	60.7	51.1	76.7





#31
Cyclohexane
Concen: 18.996 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX032970.D
Acq: 22 Nov 2022 10:15

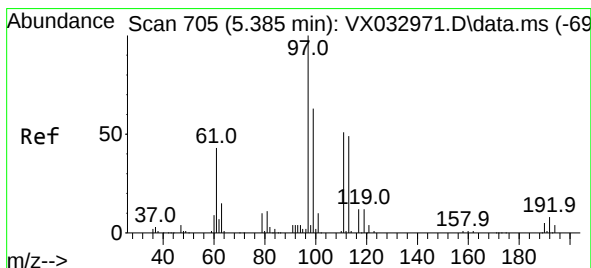
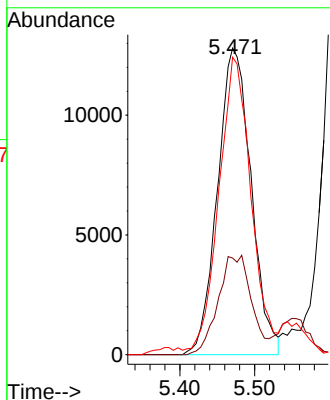
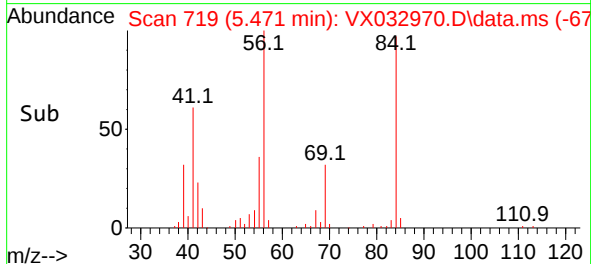
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



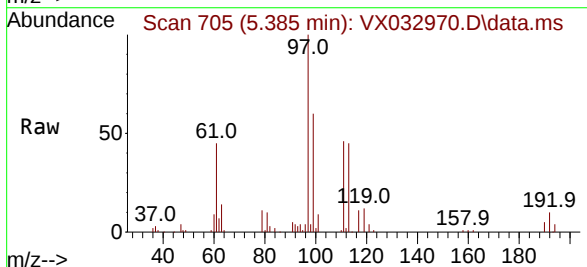
Tgt Ion: 56 Resp: 40030
Ion Ratio Lower Upper
56 100
69 31.5 24.1 36.1
84 94.8 66.9 100.3

Manual Integrations
APPROVED

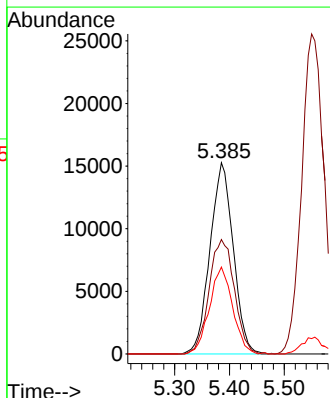
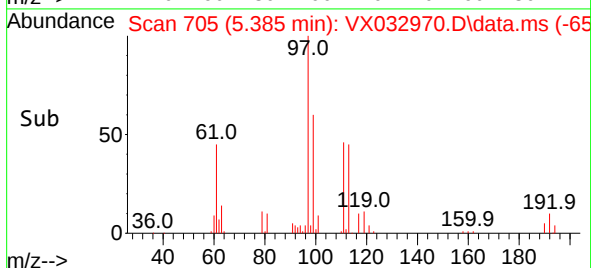
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022

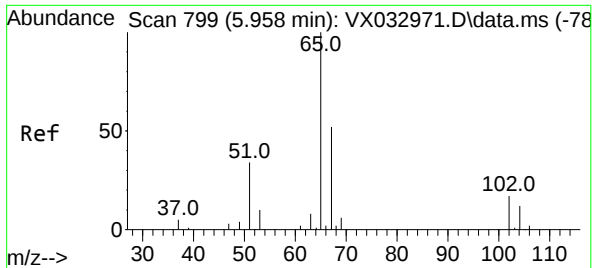


#32
1,1,1-Trichloroethane
Concen: 18.409 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032970.D
Acq: 22 Nov 2022 10:15



Tgt Ion: 97 Resp: 45096
Ion Ratio Lower Upper
97 100
99 65.0 51.4 77.0
61 45.2 35.2 52.8





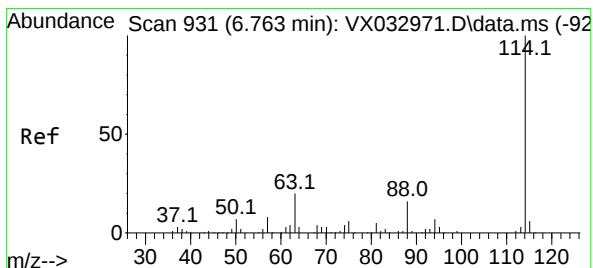
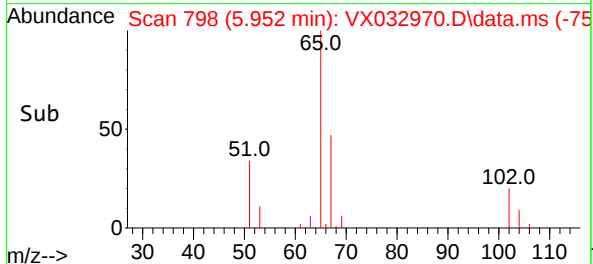
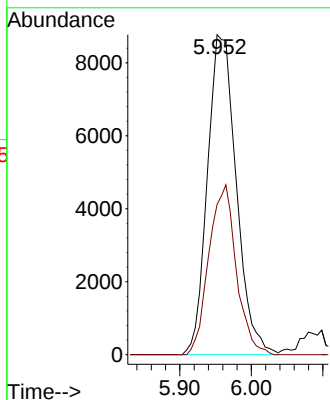
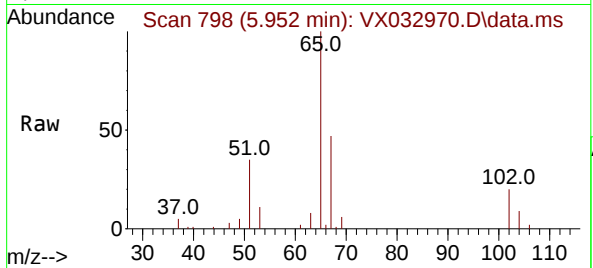
#33
1,2-Dichloroethane-d4
Concen: 14.174 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX032970.D
Acq: 22 Nov 2022 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 65 Resp: 2463
Ion Ratio Lower Upper
65 100
67 50.2 0.0 101.8

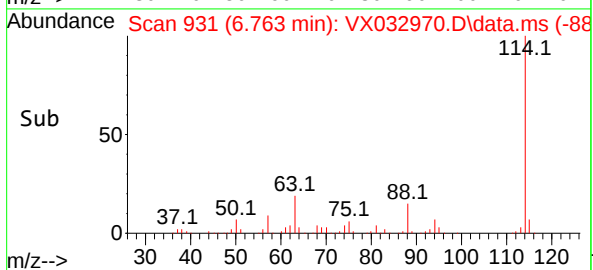
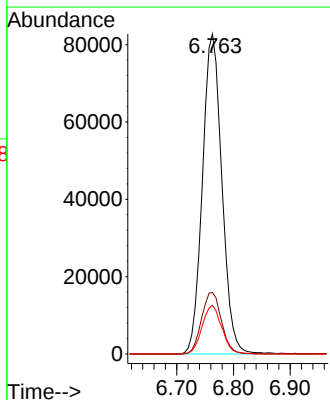
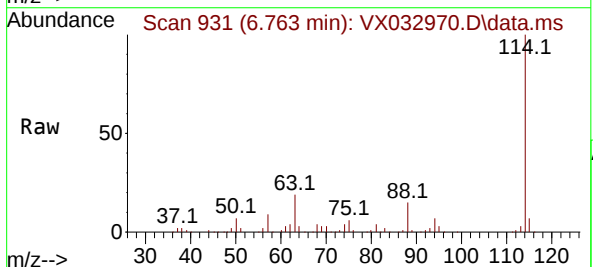
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX032970.D
Acq: 22 Nov 2022 10:15

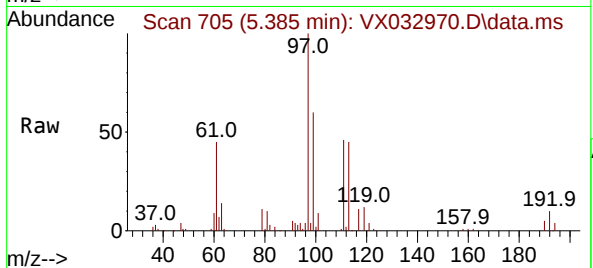
Tgt Ion:114 Resp: 196988
Ion Ratio Lower Upper
114 100
63 19.2 0.0 41.6
88 15.2 0.0 33.4





#35
Dibromofluoromethane
Concen: 14.746 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032970.D
Acq: 22 Nov 2022 10:15

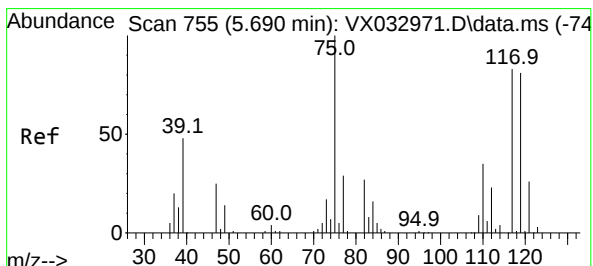
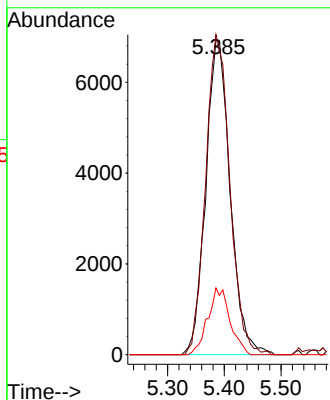
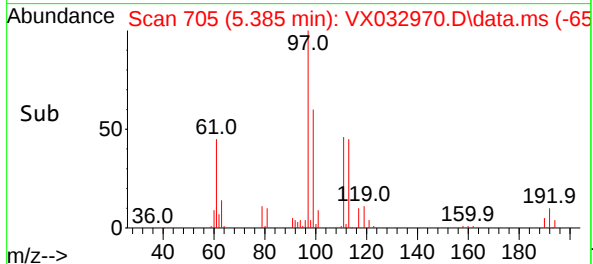
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



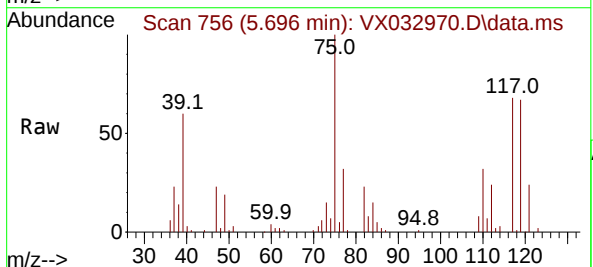
Tgt Ion: 113 Resp: 20720
Ion Ratio Lower Upper
113 100
111 100.9 82.4 123.6
192 19.2 15.4 23.2

Manual Integrations
APPROVED

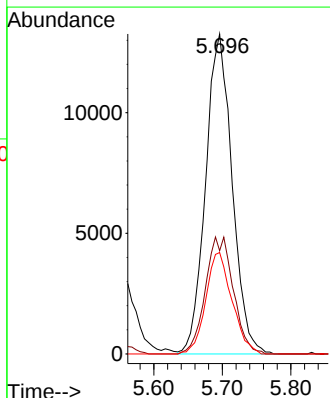
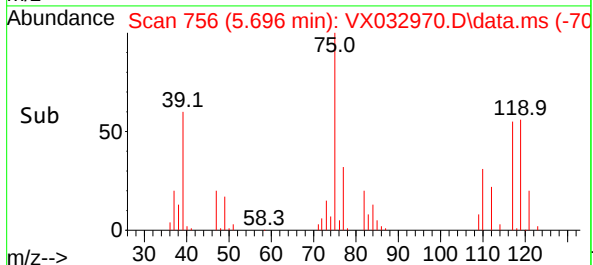
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022

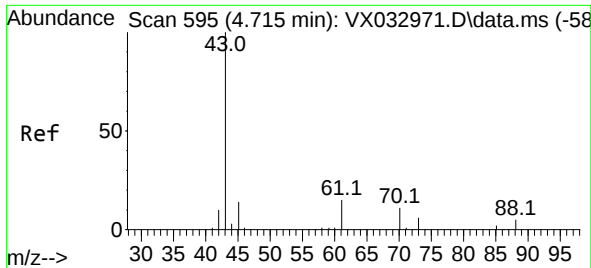


#36
1,1-Dichloropropene
Concen: 18.264 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.000 min
Lab File: VX032970.D
Acq: 22 Nov 2022 10:15



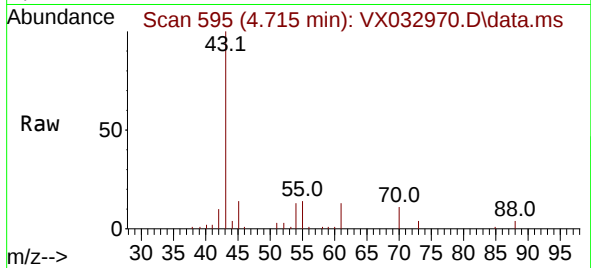
Tgt Ion: 75 Resp: 35737
Ion Ratio Lower Upper
75 100
110 38.5 18.4 55.2
77 31.3 24.5 36.7





#37
Ethyl Acetate
Concen: 15.649 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX032970.D
Acq: 22 Nov 2022 10:15

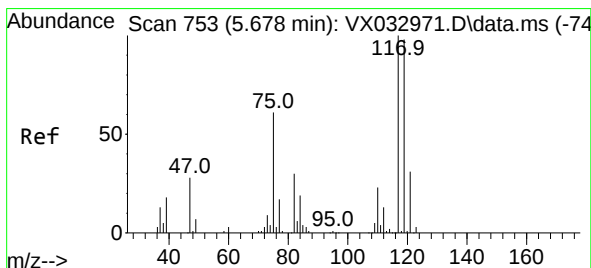
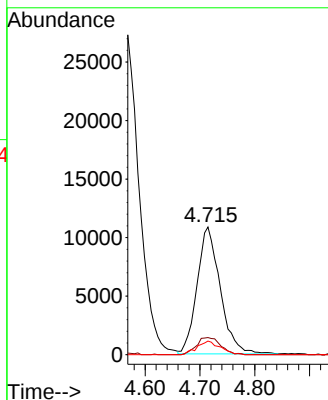
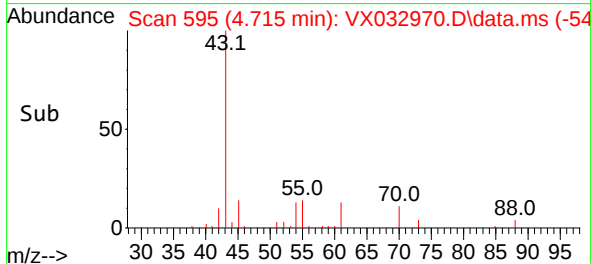
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



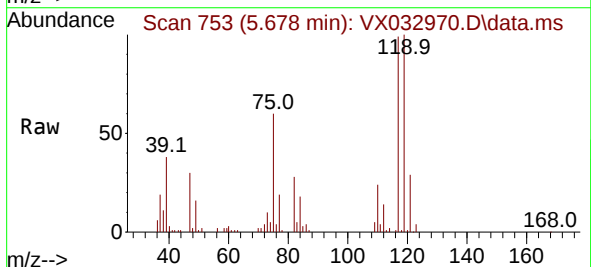
Tgt Ion: 43 Resp: 3187
Ion Ratio Lower Upper
43 100
61 14.1 11.5 17.3
70 10.7 9.1 13.7

Manual Integrations
APPROVED

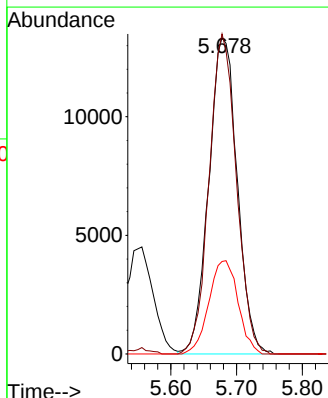
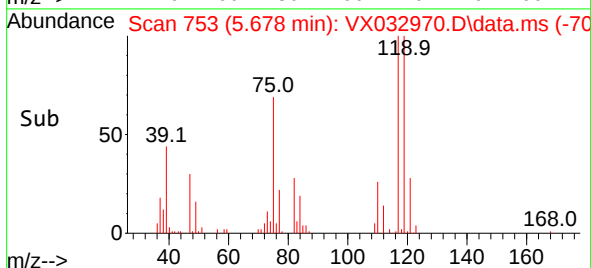
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022

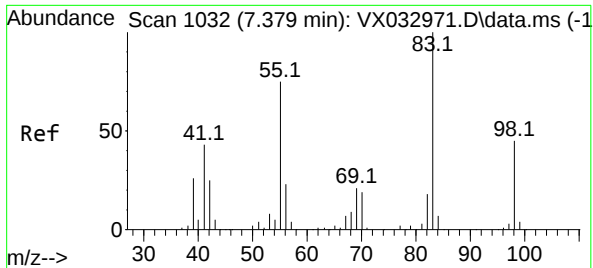


#38
Carbon Tetrachloride
Concen: 18.499 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX032970.D
Acq: 22 Nov 2022 10:15



Tgt Ion:117 Resp: 40147
Ion Ratio Lower Upper
117 100
119 101.2 77.2 115.8
121 29.2 25.8 38.6





#39

Methylcyclohexane

Concen: 18.085 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX032970.D

Acq: 22 Nov 2022 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 83 Resp: 41869

Ion Ratio Lower Upper

83 100

55 73.7 58.4 87.6

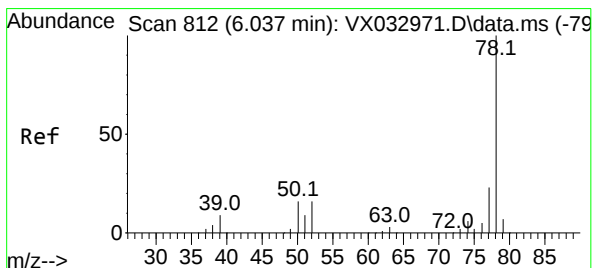
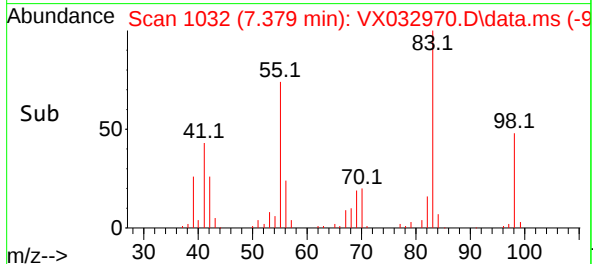
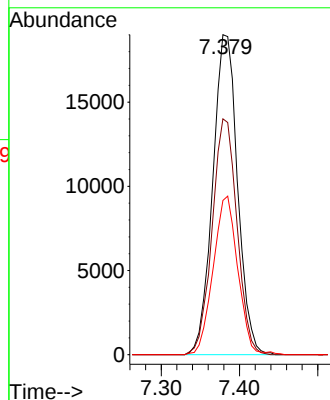
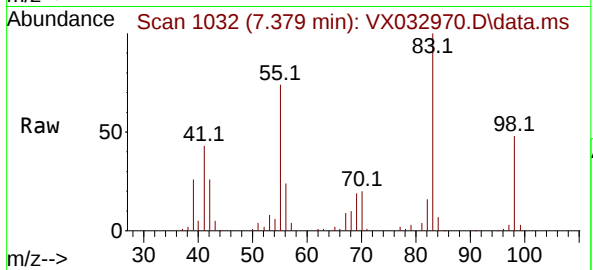
98 48.2 37.2 55.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/28/2022



#40

Benzene

Concen: 18.738 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX032970.D

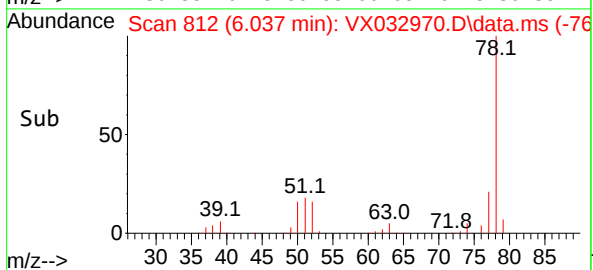
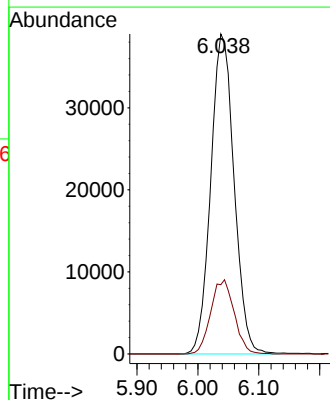
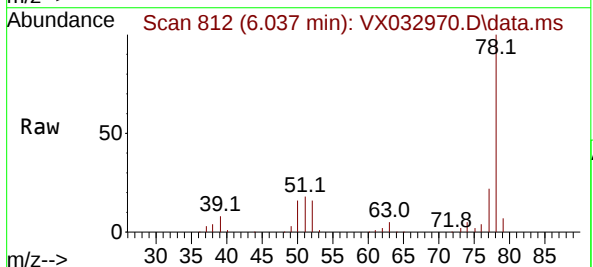
Acq: 22 Nov 2022 10:15

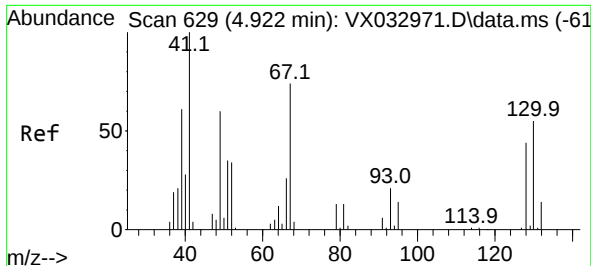
Tgt Ion: 78 Resp: 103753

Ion Ratio Lower Upper

78 100

77 21.7 19.0 28.4





#41
Methacrylonitrile
Concen: 16.821 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX032970.D
Acq: 22 Nov 2022 10:15

Instrument :

MSVOA_X

ClientSampleId :

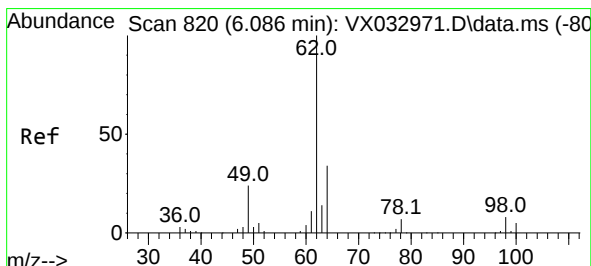
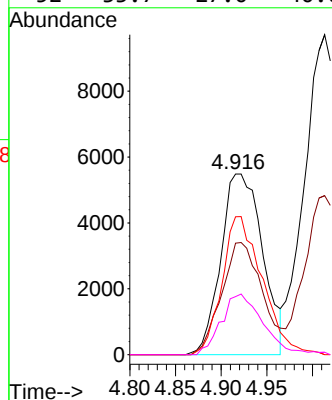
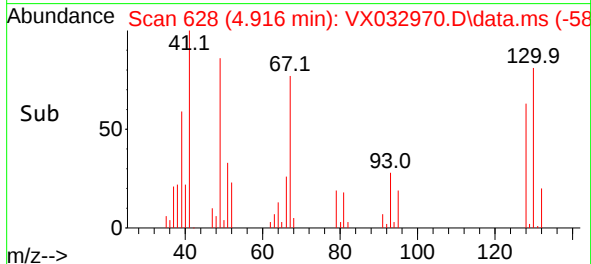
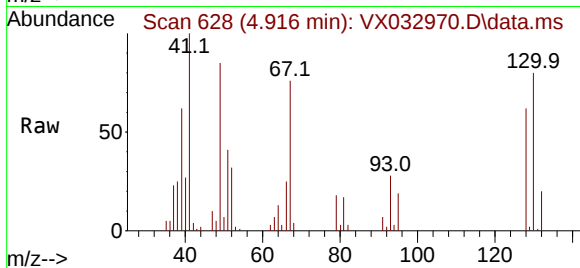
VSTDICC020

Tgt Ion: 41 Resp: 1745
Ion Ratio Lower Upper
41 100
39 61.7 47.5 71.3
67 73.6 60.5 90.7
52 33.7 27.0 40.6

Manual Integrations

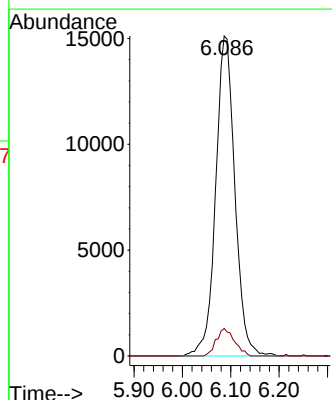
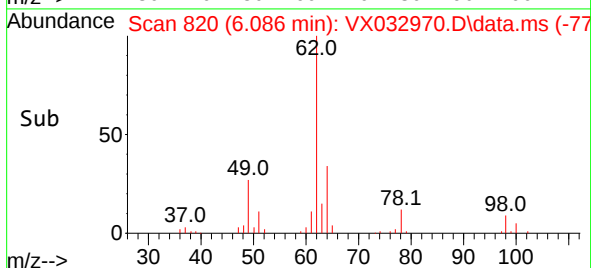
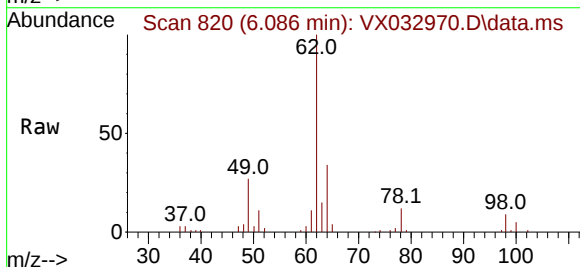
APPROVED

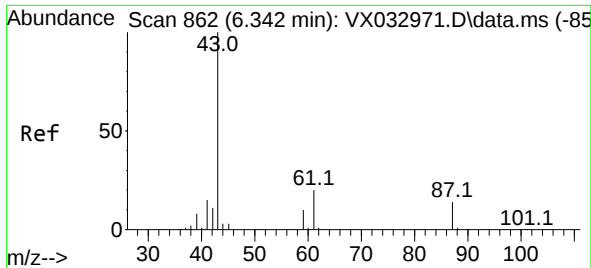
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#42
1,2-Dichloroethane
Concen: 18.406 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX032970.D
Acq: 22 Nov 2022 10:15

Tgt Ion: 62 Resp: 41662
Ion Ratio Lower Upper
62 100
98 8.1 0.0 16.0





#43

Isopropyl Acetate

Concen: 16.591 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX032970.D

Acq: 22 Nov 2022 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

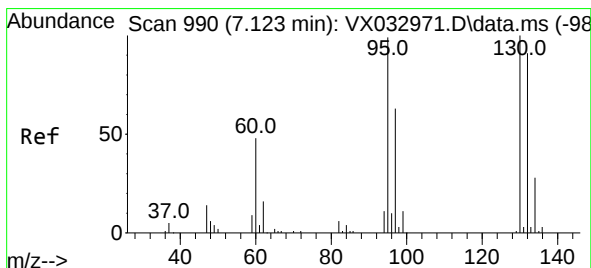
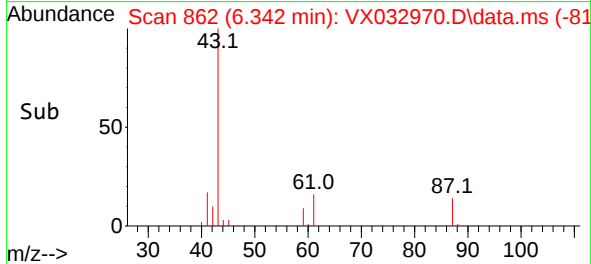
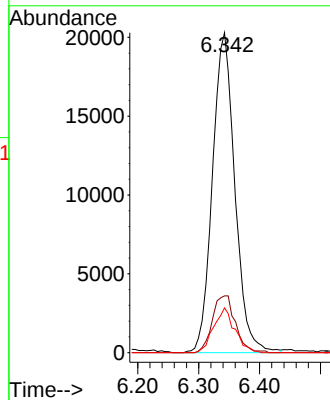
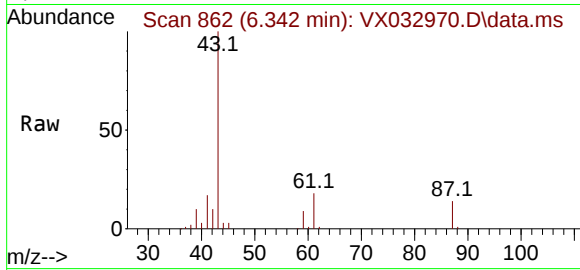
Tgt Ion: 43	Resp: 5188
Ion Ratio	Lower Upper
43 100	
61 18.2	15.4 23.0
87 13.2	10.8 16.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/28/2022



#44

Trichloroethene

Concen: 18.733 ug/l

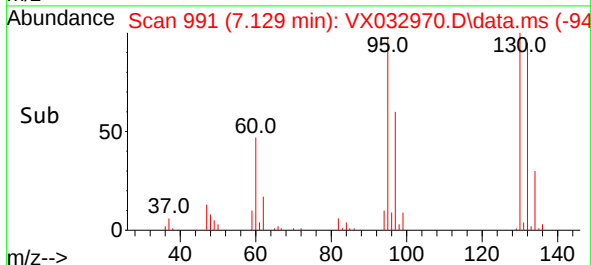
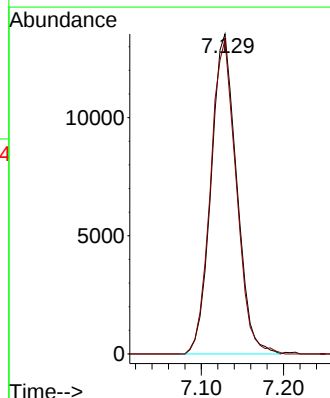
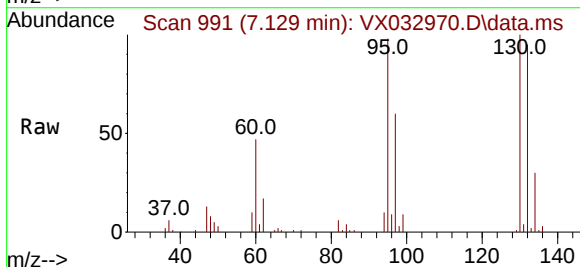
RT: 7.129 min Scan# 991

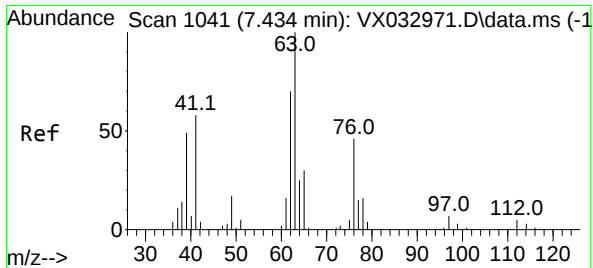
Delta R.T. 0.000 min

Lab File: VX032970.D

Acq: 22 Nov 2022 10:15

Tgt Ion:130	Resp: 29200
Ion Ratio	Lower Upper
130 100	
95 98.3	0.0 195.2





#45

1,2-Dichloropropane

Concen: 18.196 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX032970.D

Acq: 22 Nov 2022 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 63 Resp: 2586

Ion Ratio Lower Upper

63 100

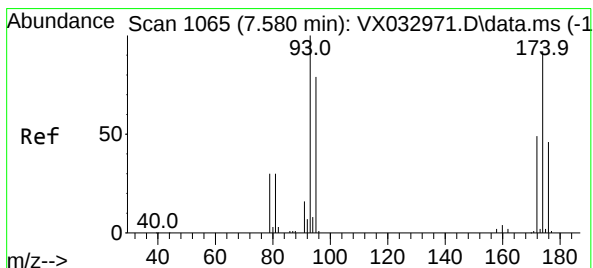
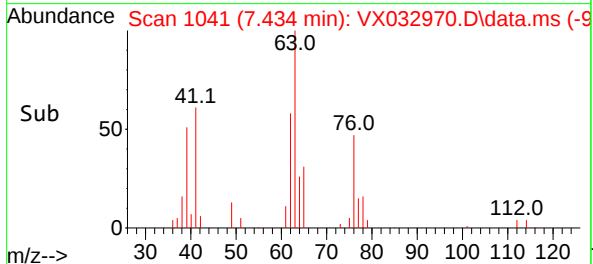
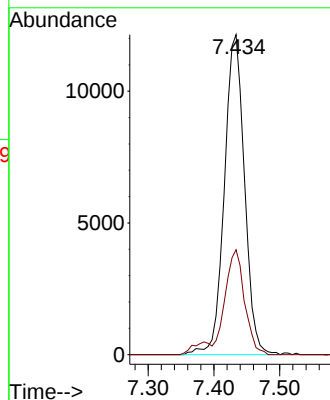
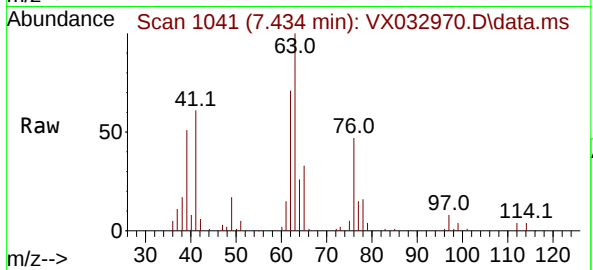
65 32.8 24.6 36.8

Manual Integrations

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Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/28/2022



#46

Dibromomethane

Concen: 18.299 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX032970.D

Acq: 22 Nov 2022 10:15

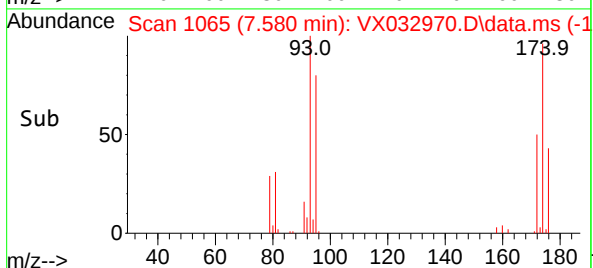
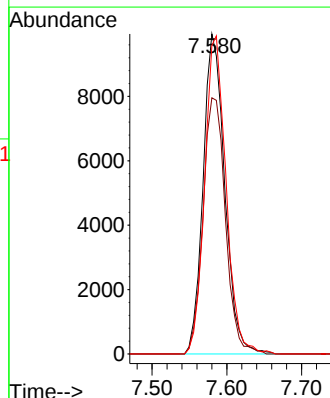
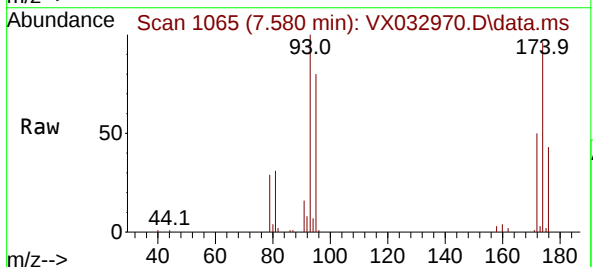
Tgt Ion: 93 Resp: 19947

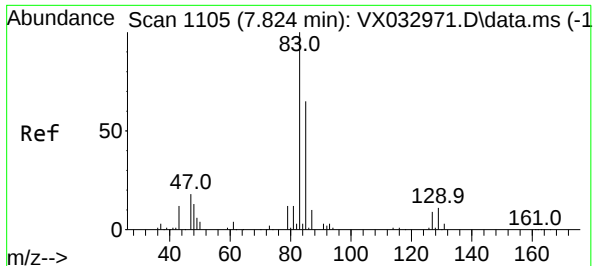
Ion Ratio Lower Upper

93 100

95 83.0 65.8 98.8

174 98.2 79.8 119.6





#47
Bromodichloromethane
Concen: 18.967 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX032970.D
Acq: 22 Nov 2022 10:15

Instrument :

MSVOA_X

ClientSampleId :

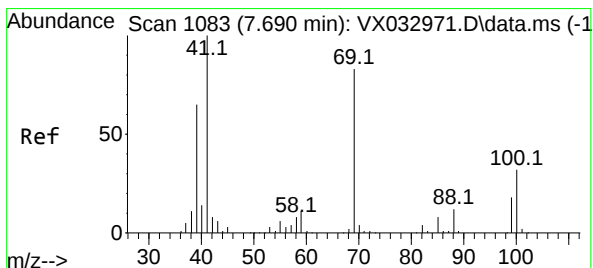
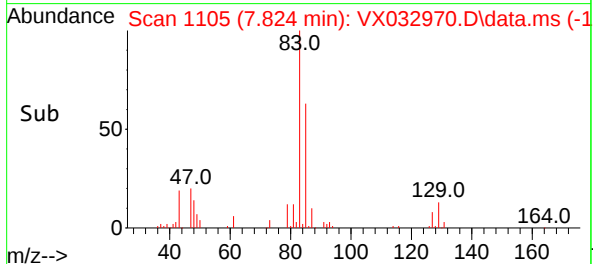
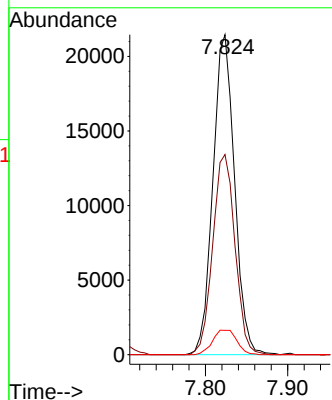
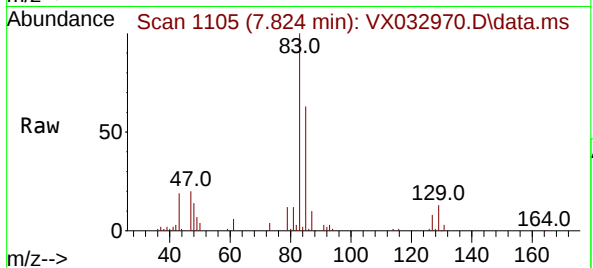
VSTDICC020

Tgt Ion: 83 Resp: 3918
Ion Ratio Lower Upper
83 100
85 62.6 52.2 78.4
127 7.6 7.4 11.2

Manual Integrations

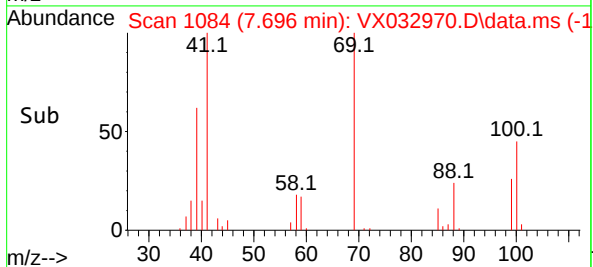
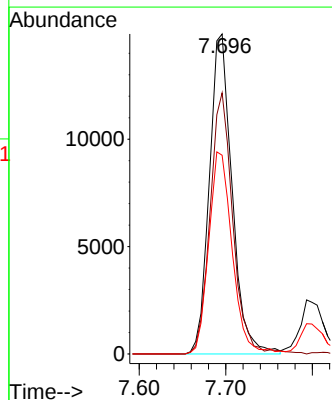
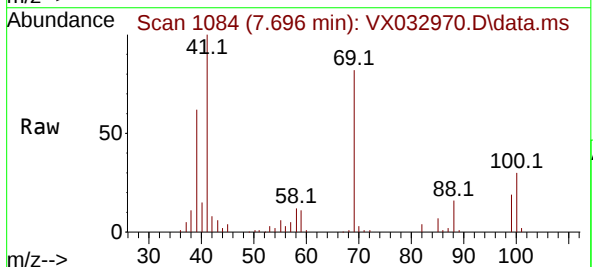
APPROVED

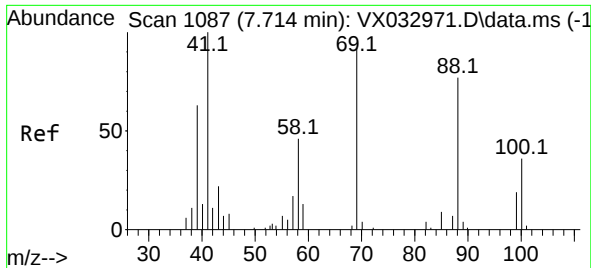
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#48
Methyl methacrylate
Concen: 16.814 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX032970.D
Acq: 22 Nov 2022 10:15

Tgt Ion: 41 Resp: 27156
Ion Ratio Lower Upper
41 100
69 81.7 65.1 97.7
39 65.4 51.9 77.9





#49
1,4-Dioxane
Concen: 355.524 ug/l
RT: 7.714 min Scan# 1087
Delta R.T. 0.043 min
Lab File: VX032970.D
Acq: 22 Nov 2022 10:15

Instrument :

MSVOA_X

ClientSampleId :

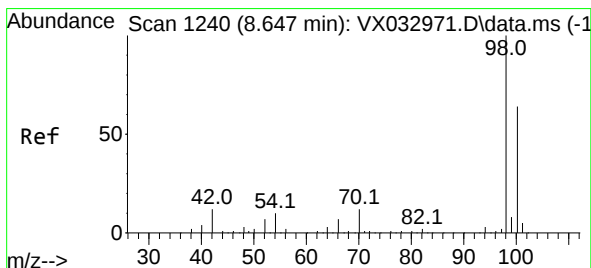
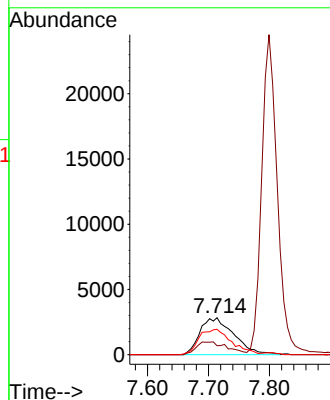
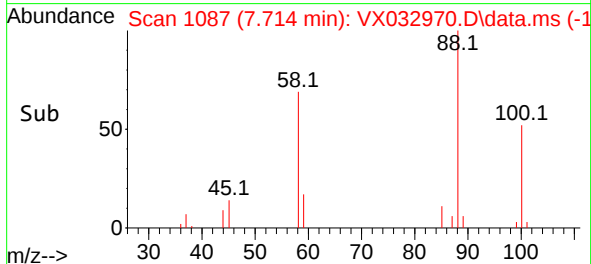
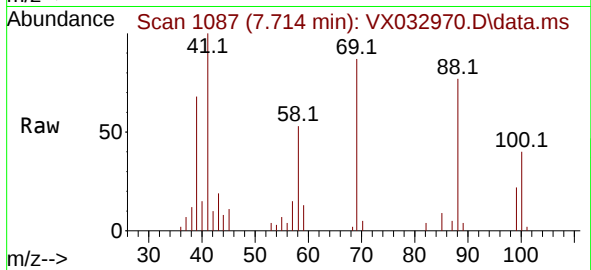
VSTDIC020

Tgt Ion: 88 Resp: 10943
Ion Ratio Lower Upper
88 100
43 32.0 26.6 39.8
58 66.5 51.7 77.5

Manual Integrations

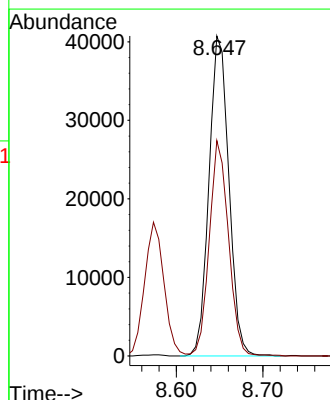
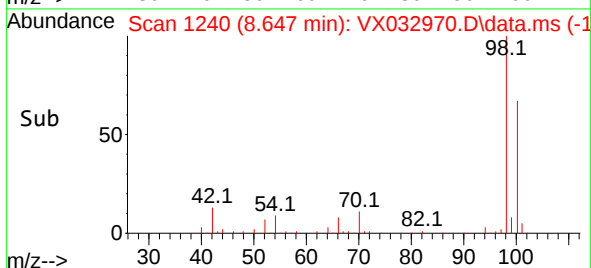
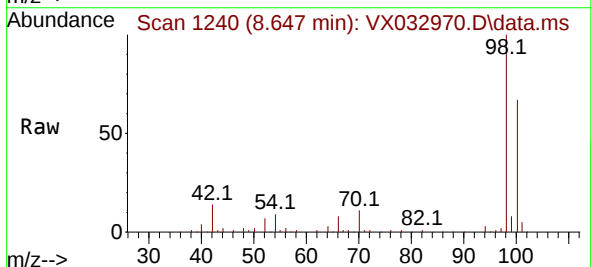
APPROVED

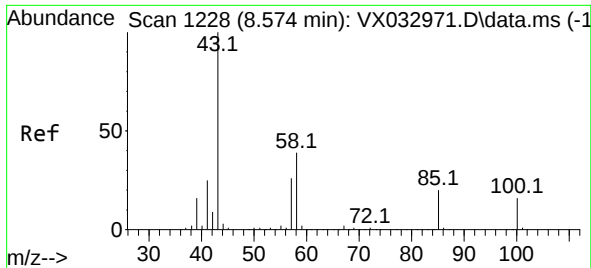
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#50
Toluene-d8
Concen: 13.292 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032970.D
Acq: 22 Nov 2022 10:15

Tgt Ion: 98 Resp: 64943
Ion Ratio Lower Upper
98 100
100 65.2 50.9 76.3





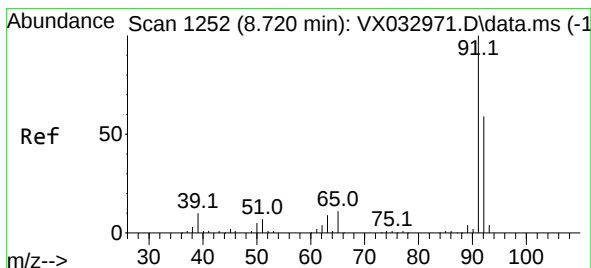
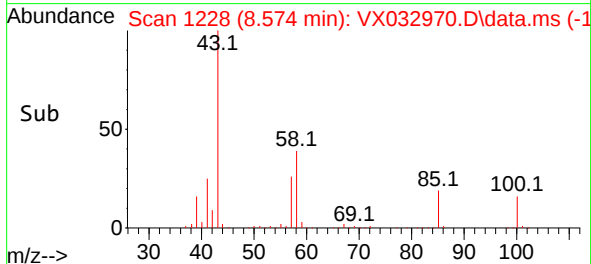
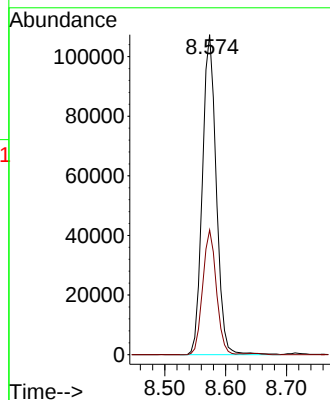
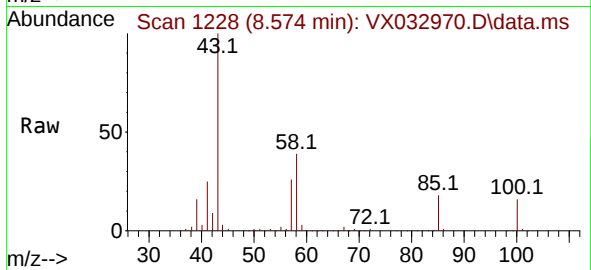
#51
4-Methyl-2-Pentanone
Concen: 86.506 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX032970.D
Acq: 22 Nov 2022 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 170398
Ion Ratio Lower Upper
43 100
58 38.4 30.9 46.3

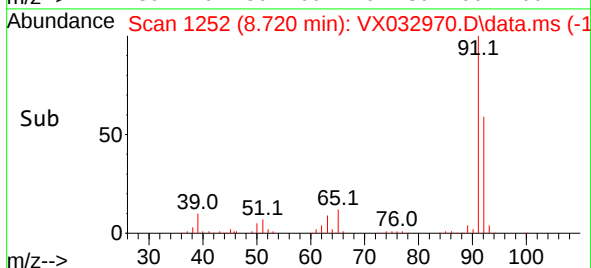
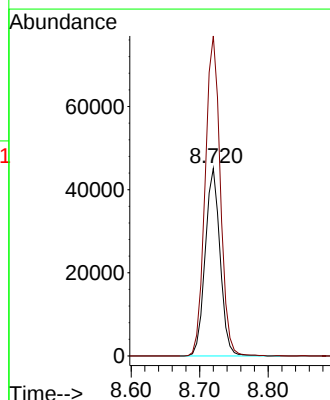
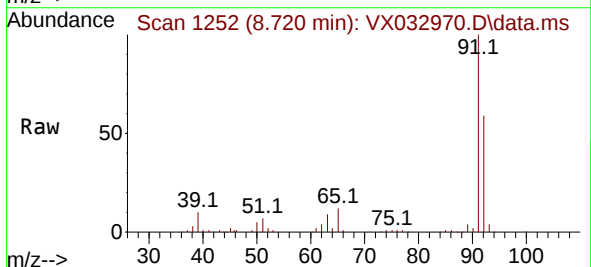
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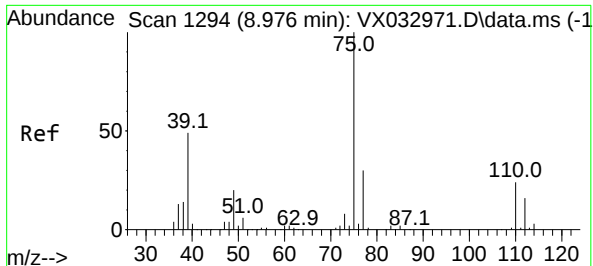
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#52
Toluene
Concen: 18.903 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX032970.D
Acq: 22 Nov 2022 10:15

Tgt Ion: 92 Resp: 68288
Ion Ratio Lower Upper
92 100
91 173.6 138.3 207.5





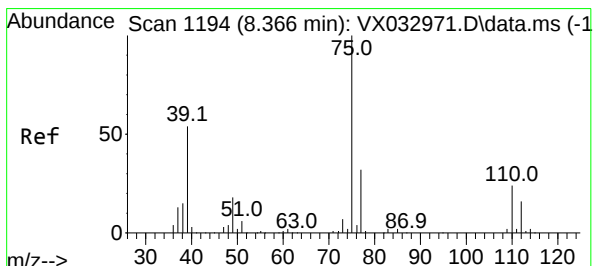
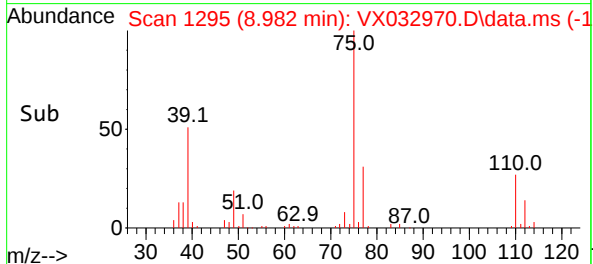
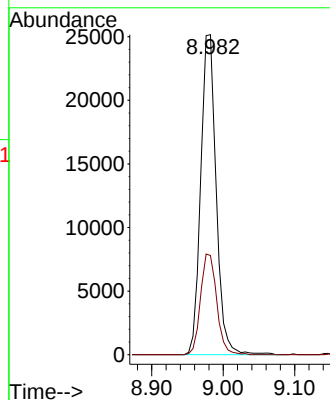
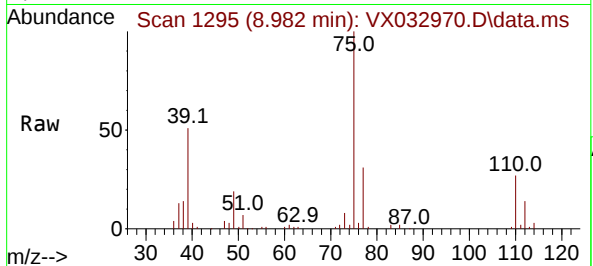
#53
t-1,3-Dichloropropene
Concen: 17.922 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX032970.D
Acq: 22 Nov 2022 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 37778
Ion Ratio Lower Upper
75 100
77 31.0 25.1 37.7

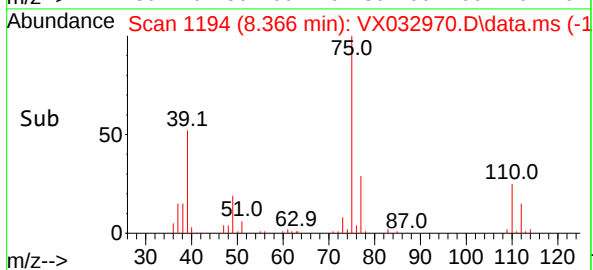
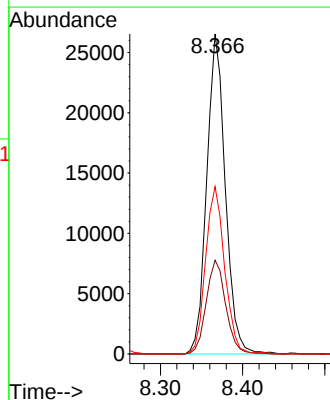
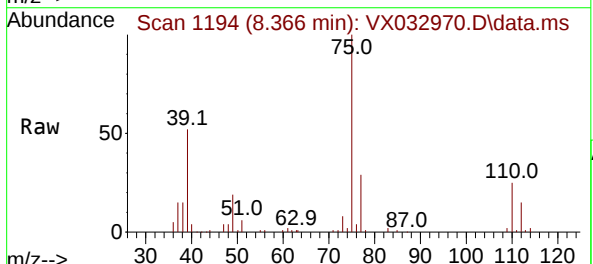
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#54
cis-1,3-Dichloropropene
Concen: 18.468 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX032970.D
Acq: 22 Nov 2022 10:15

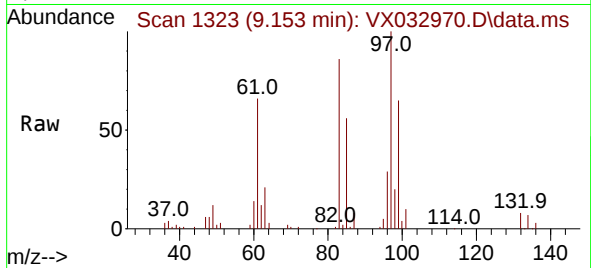
Tgt Ion: 75 Resp: 41638
Ion Ratio Lower Upper
75 100
77 29.3 25.1 37.7
39 52.3 45.5 68.3





#55
1,1,2-Trichloroethane
Concen: 18.301 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX032970.D
Acq: 22 Nov 2022 10:15

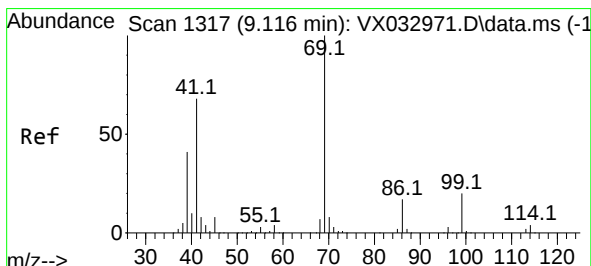
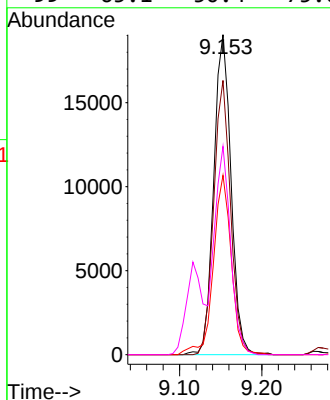
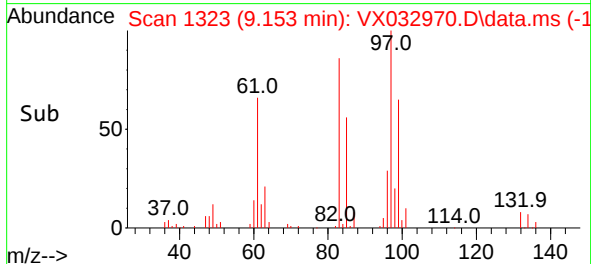
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



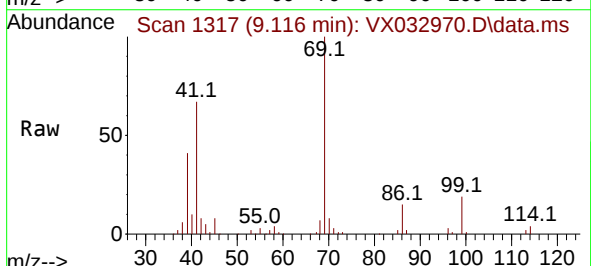
Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.7	68.1	102.1
85	56.1	43.3	64.9
99	65.1	50.4	75.6

Manual Integrations
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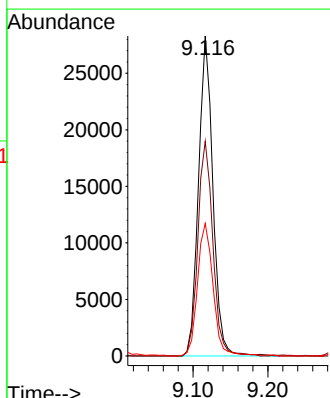
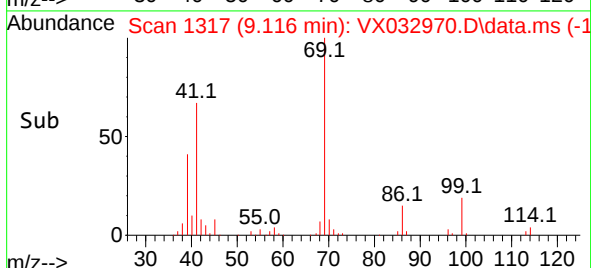
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022

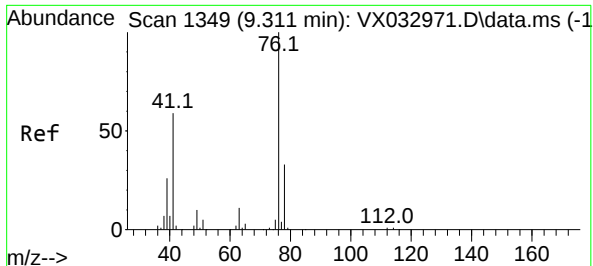


#56
Ethyl methacrylate
Concen: 17.309 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX032970.D
Acq: 22 Nov 2022 10:15



Tgt Ion	Ratio	Lower	Upper
69	100		
41	69.9	54.3	81.5
39	45.1	35.2	52.8





#57

1,3-Dichloropropane

Concen: 18.213 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX032970.D

Acq: 22 Nov 2022 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 4474

Ion Ratio Lower Upper

76 100

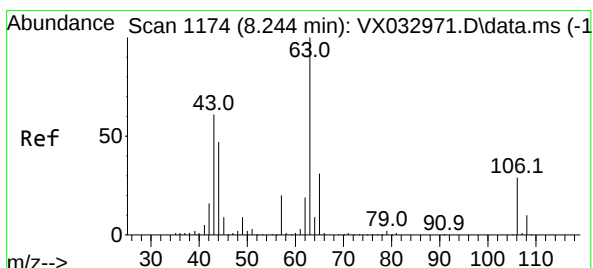
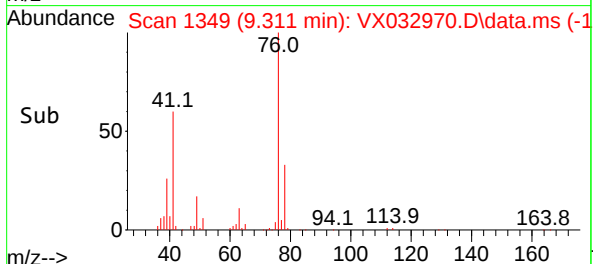
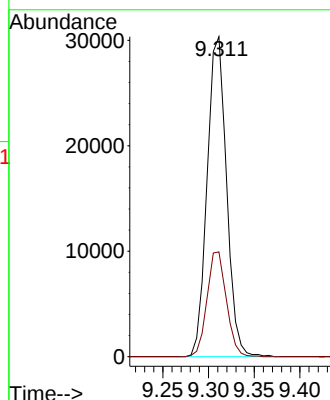
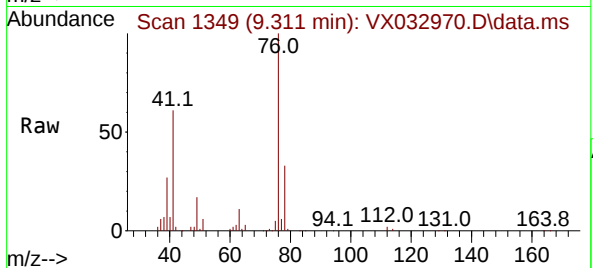
78 32.7 26.0 39.0

Manual Integrations

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Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/28/2022



#58

2-Chloroethyl Vinyl ether

Concen: 87.582 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX032970.D

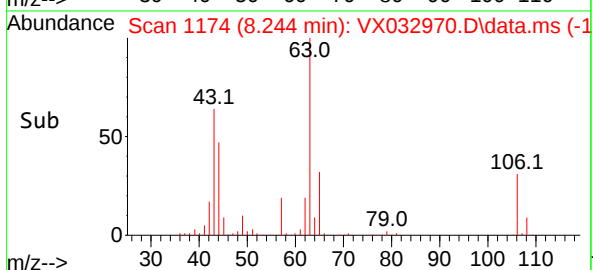
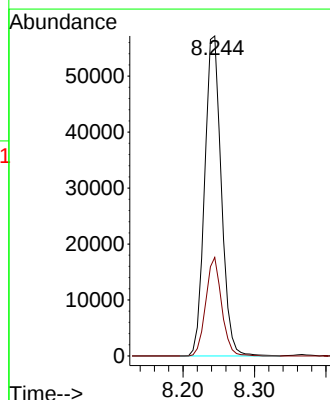
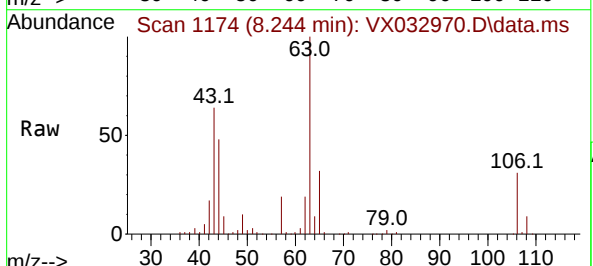
Acq: 22 Nov 2022 10:15

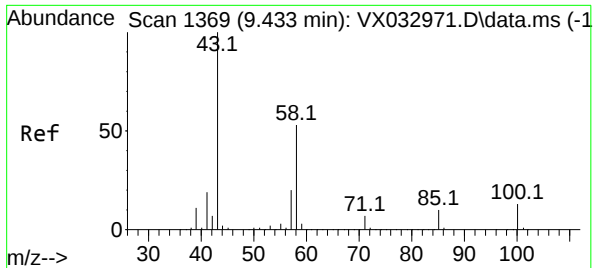
Tgt Ion: 63 Resp: 92332

Ion Ratio Lower Upper

63 100

106 29.4 23.3 34.9





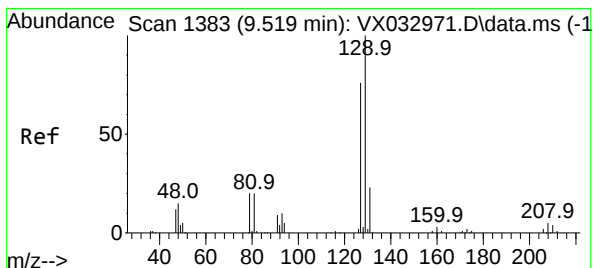
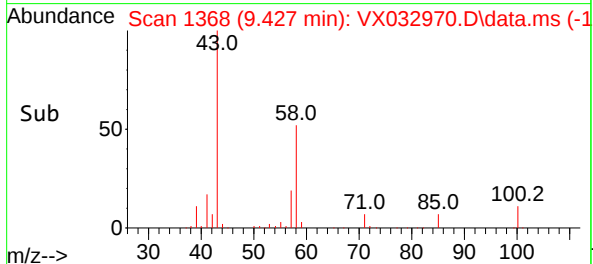
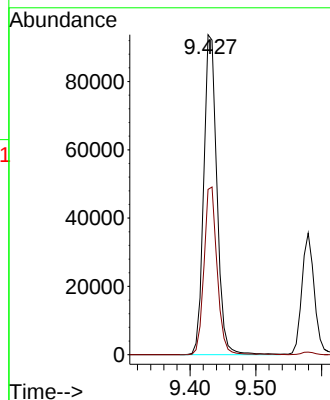
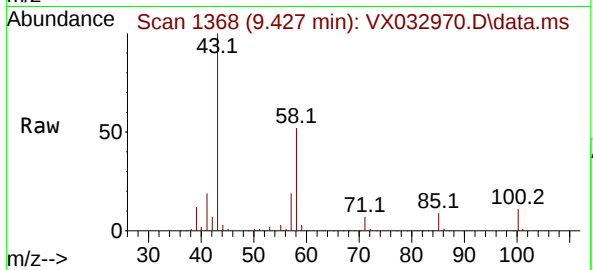
#59
2-Hexanone
Concen: 89.626 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX032970.D
Acq: 22 Nov 2022 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 130998
Ion Ratio Lower Upper
43 100
58 51.8 26.5 79.5

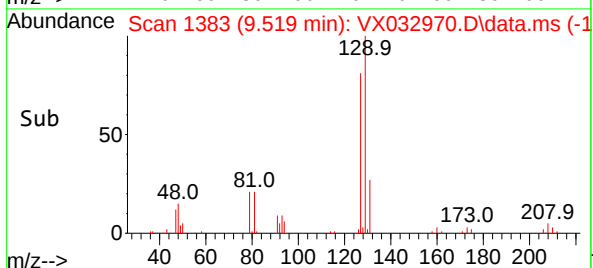
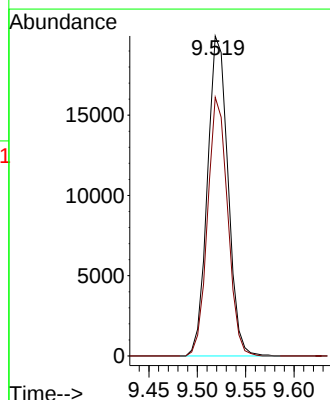
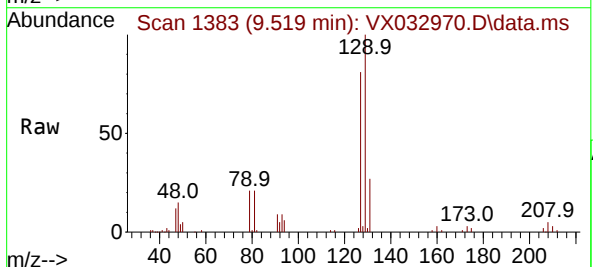
Manual Integrations
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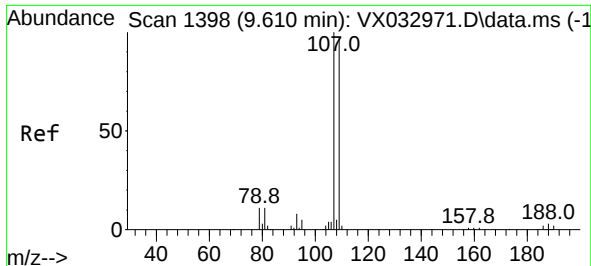
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#60
Dibromochloromethane
Concen: 17.734 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX032970.D
Acq: 22 Nov 2022 10:15

Tgt Ion:129 Resp: 29470
Ion Ratio Lower Upper
129 100
127 79.0 38.6 115.8





#61
1,2-Dibromoethane
Concen: 18.102 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX032970.D
Acq: 22 Nov 2022 10:15

Instrument :

MSVOA_X

ClientSampleId :

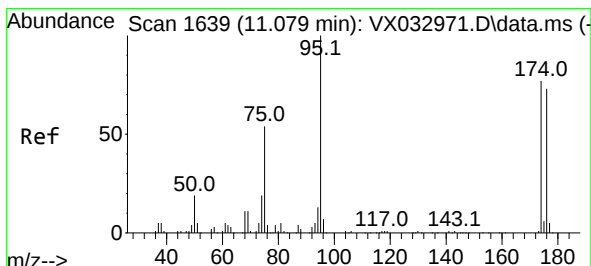
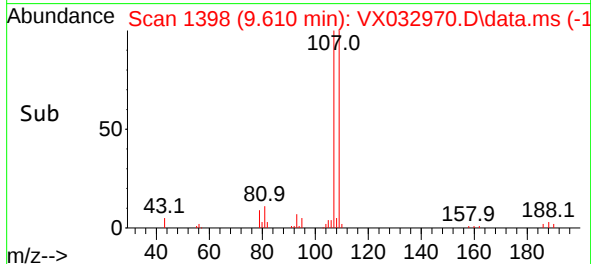
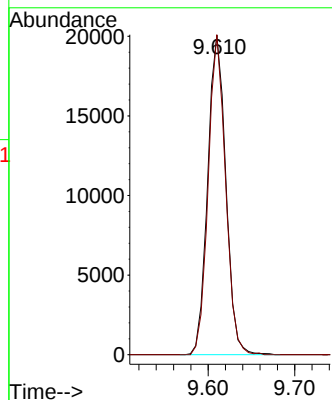
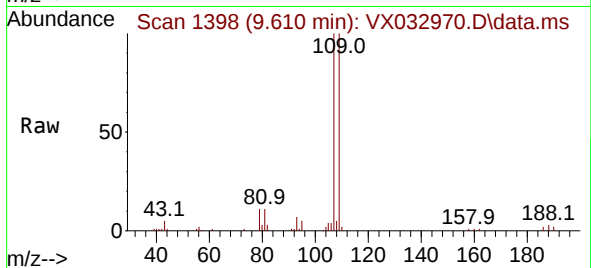
VSTDICC020

Tgt Ion:107 Resp: 2918
Ion Ratio Lower Upper
107 100
109 95.3 76.0 114.0

Manual Integrations

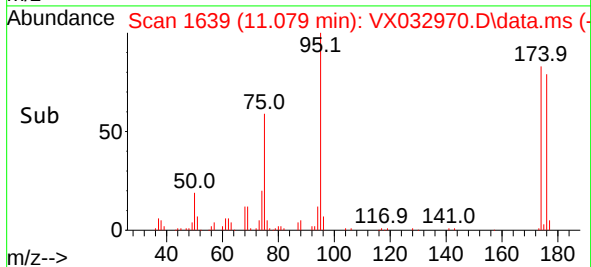
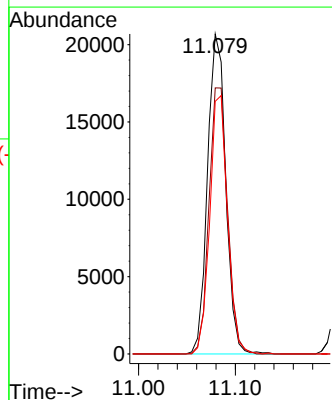
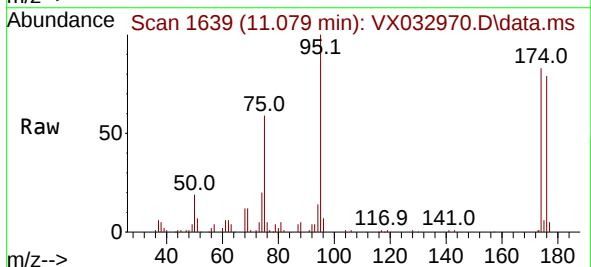
APPROVED

Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#62
4-Bromofluorobenzene
Concen: 14.160 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032970.D
Acq: 22 Nov 2022 10:15

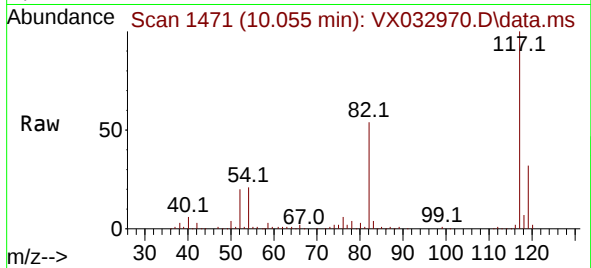
Tgt Ion: 95 Resp: 27026
Ion Ratio Lower Upper
95 100
174 84.9 0.0 164.0
176 79.1 0.0 154.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032970.D
Acq: 22 Nov 2022 10:15

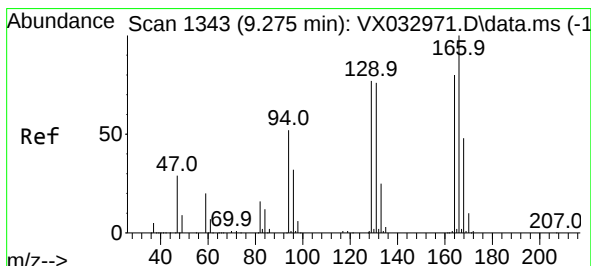
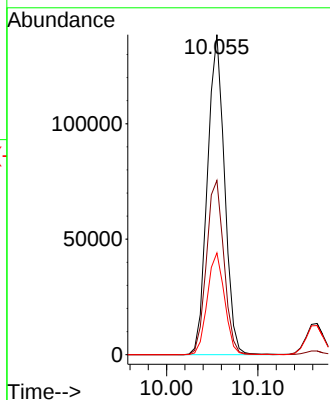
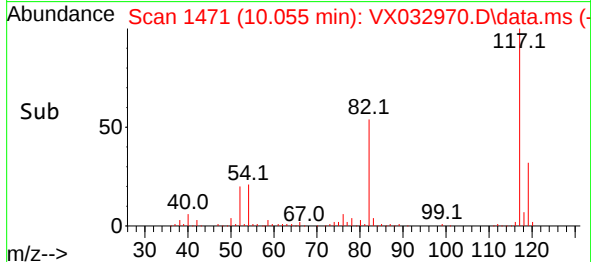
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:117 Resp: 180400
Ion Ratio Lower Upper
117 100
82 54.5 44.3 66.5
119 31.8 25.7 38.5

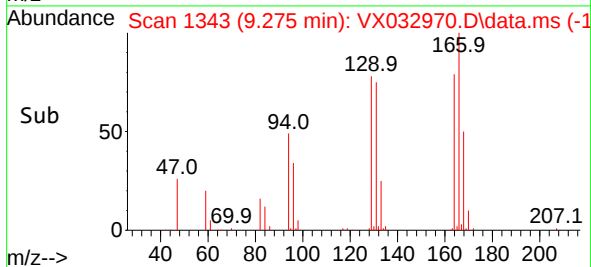
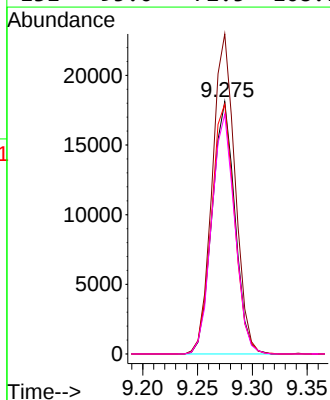
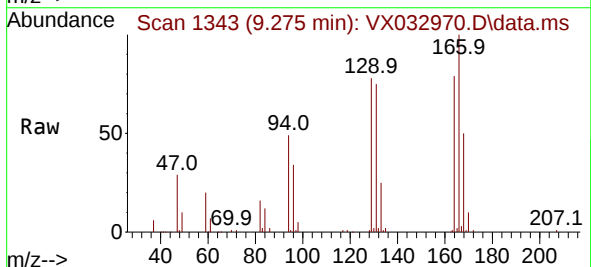
Manual Integrations
APPROVED

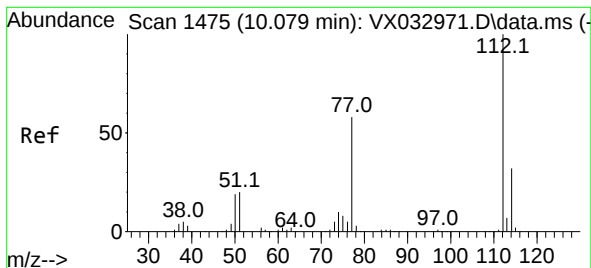
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#64
Tetrachloroethene
Concen: 19.817 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX032970.D
Acq: 22 Nov 2022 10:15

Tgt Ion:164 Resp: 26166
Ion Ratio Lower Upper
164 100
166 126.8 105.4 158.2
129 99.0 78.2 117.2
131 95.0 72.5 108.7





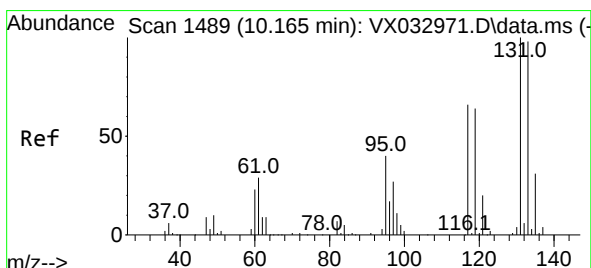
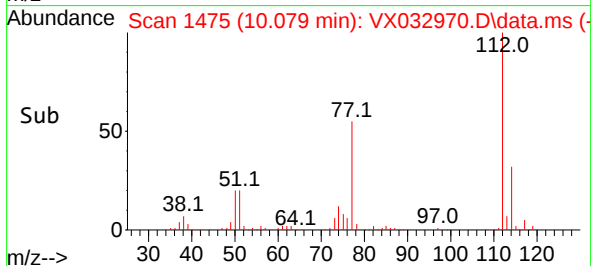
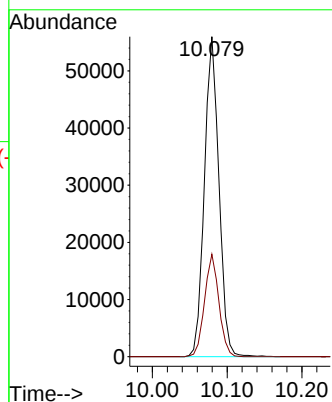
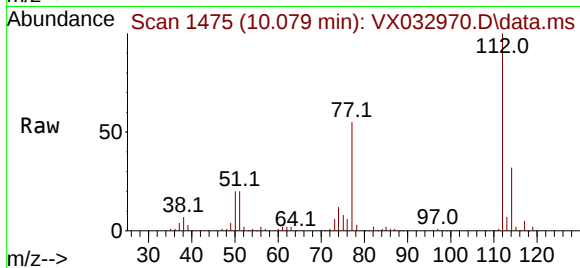
#65
Chlorobenzene
Concen: 18.719 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX032970.D
Acq: 22 Nov 2022 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:112 Resp: 7564
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.2

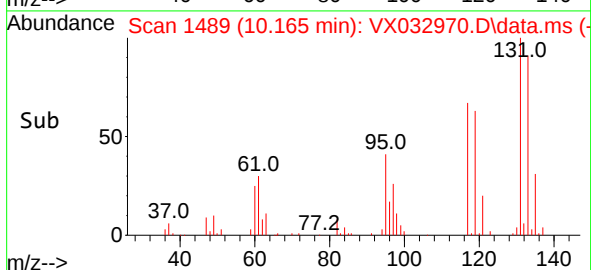
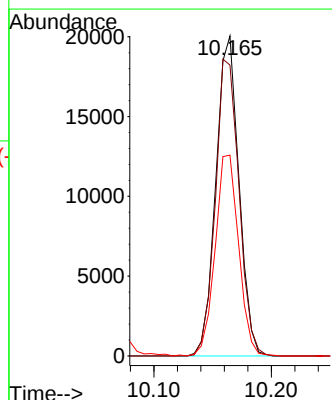
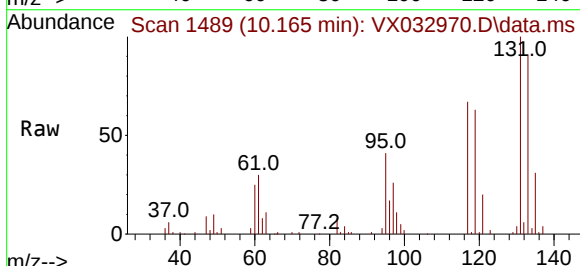
Manual Integrations
APPROVED

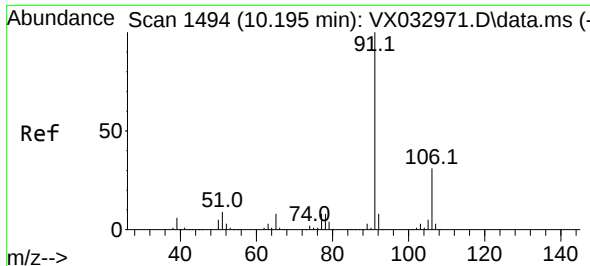
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 17.963 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX032970.D
Acq: 22 Nov 2022 10:15

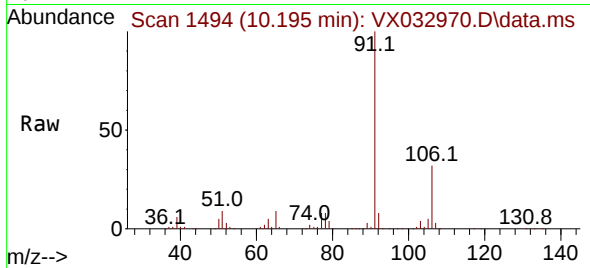
Tgt Ion:131 Resp: 27319
Ion Ratio Lower Upper
131 100
133 95.3 47.6 142.9
119 64.2 32.4 97.0





#67
Ethyl Benzene
Concen: 18.653 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032970.D
Acq: 22 Nov 2022 10:15

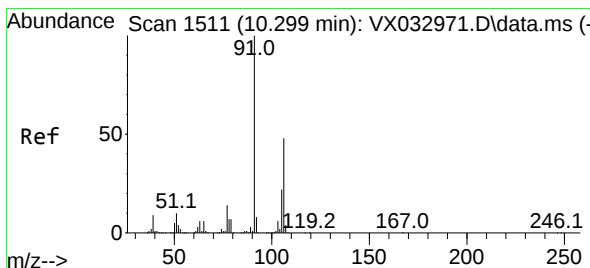
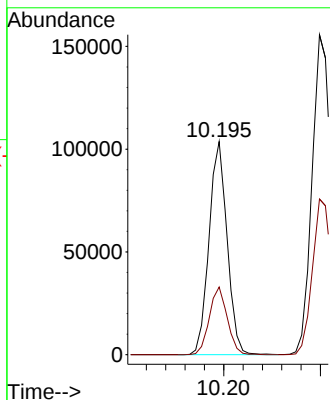
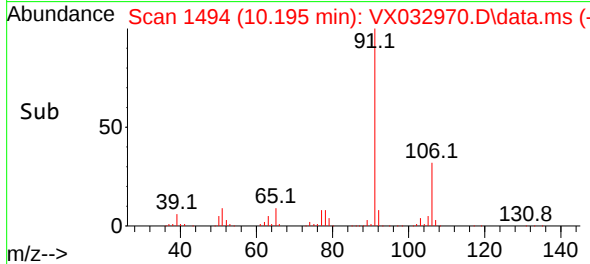
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



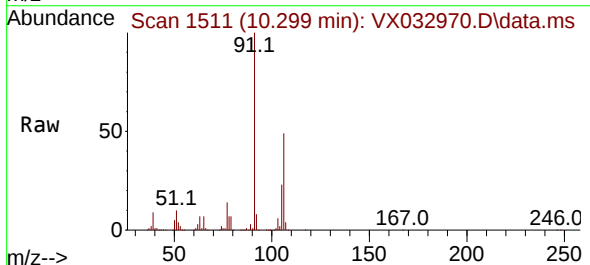
Tgt Ion: 91 Resp: 13479
Ion Ratio Lower Upper
91 100
106 31.7 25.0 37.6

Manual Integrations
APPROVED

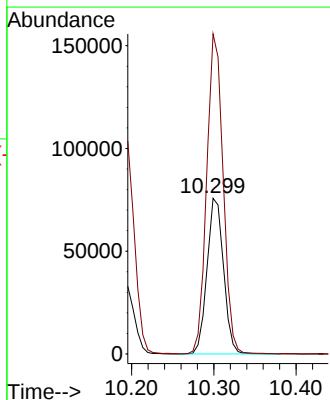
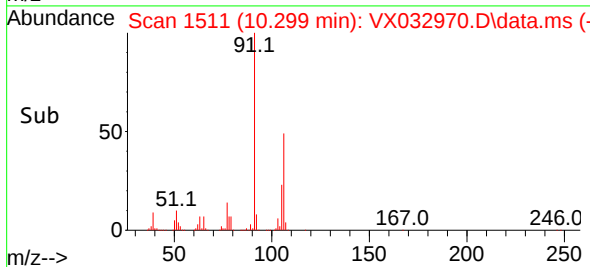
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022

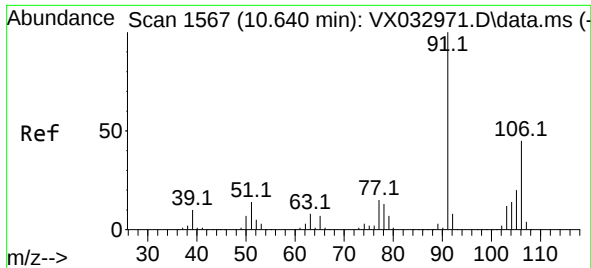


#68
m/p-Xylenes
Concen: 37.635 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX032970.D
Acq: 22 Nov 2022 10:15



Tgt Ion:106 Resp: 105604
Ion Ratio Lower Upper
106 100
91 204.7 164.5 246.7





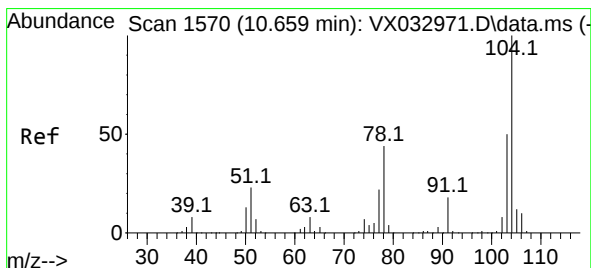
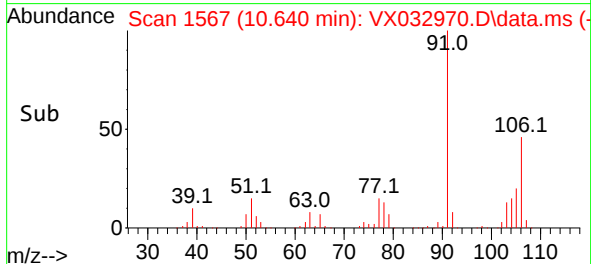
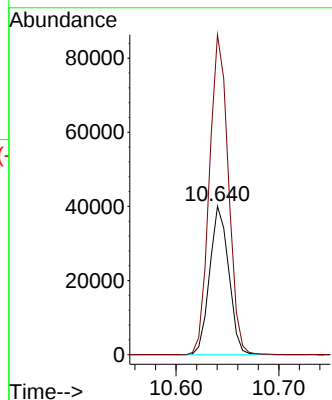
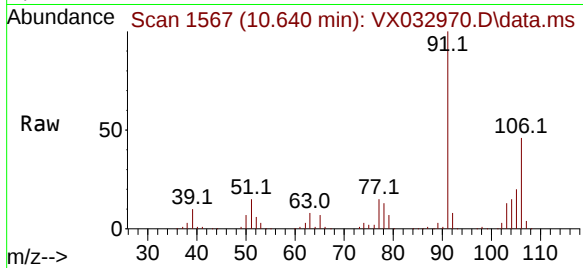
#69
o-Xylene
Concen: 18.893 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX032970.D
Acq: 22 Nov 2022 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 51544
Ion Ratio Lower Upper
106 100
91 214.8 109.2 327.6

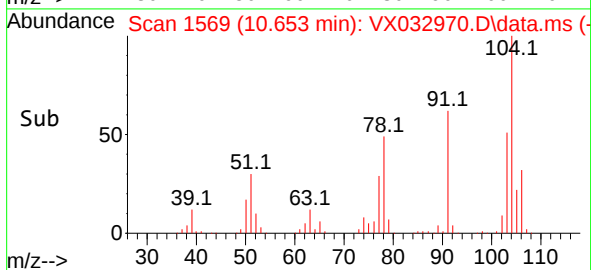
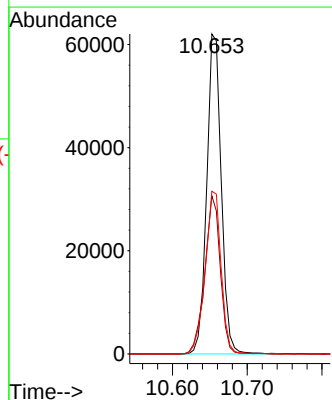
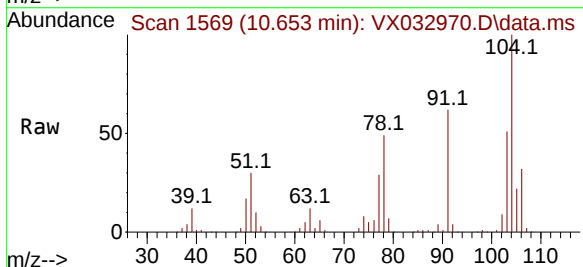
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#70
Styrene
Concen: 18.486 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX032970.D
Acq: 22 Nov 2022 10:15

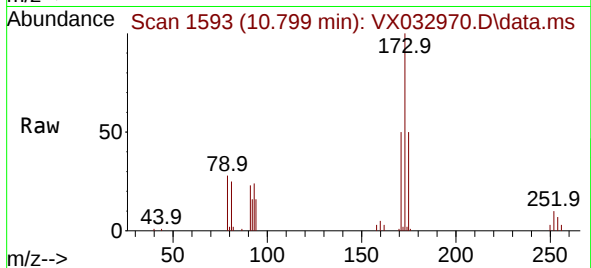
Tgt Ion:104 Resp: 83819
Ion Ratio Lower Upper
104 100
78 52.8 41.8 62.8
103 55.4 44.5 66.7





#71
Bromoform
Concen: 17.584 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX032970.D
Acq: 22 Nov 2022 10:15

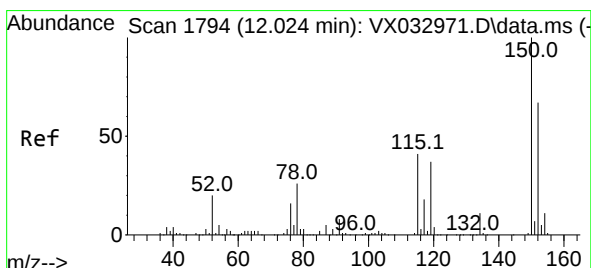
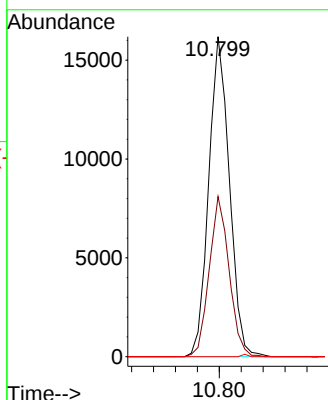
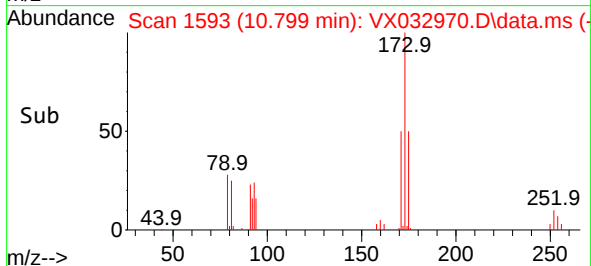
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



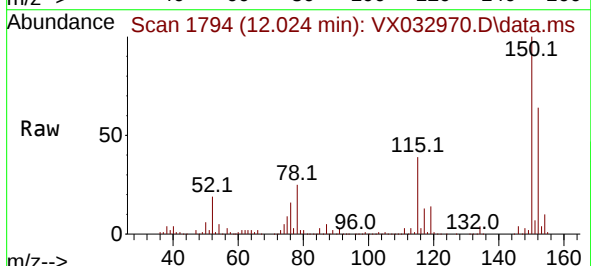
Tgt Ion:173 Resp: 2114
Ion Ratio Lower Upper
173 100
175 48.2 23.9 71.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

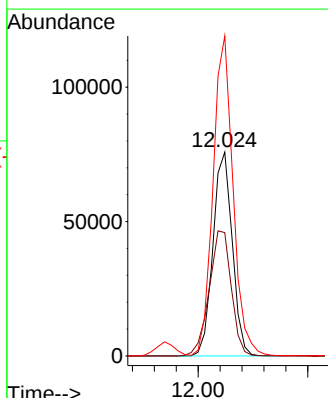
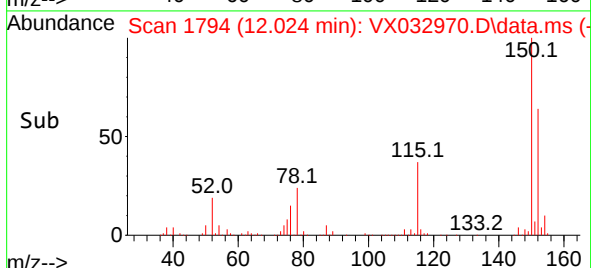
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022

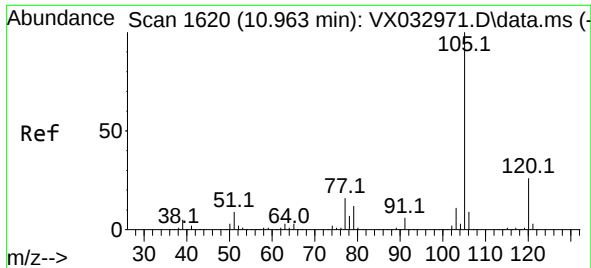


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032970.D
Acq: 22 Nov 2022 10:15



Tgt Ion:152 Resp: 92801
Ion Ratio Lower Upper
152 100
115 70.3 44.0 132.0
150 162.9 0.0 351.8





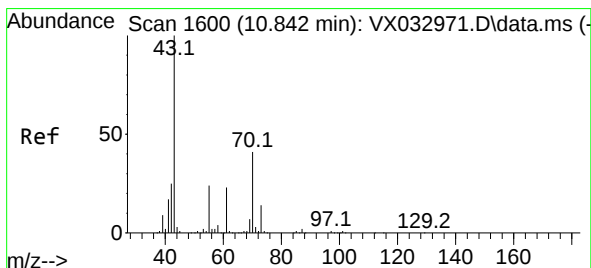
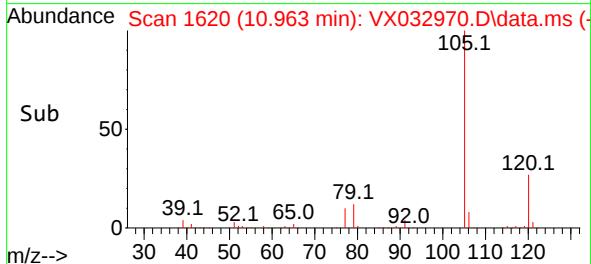
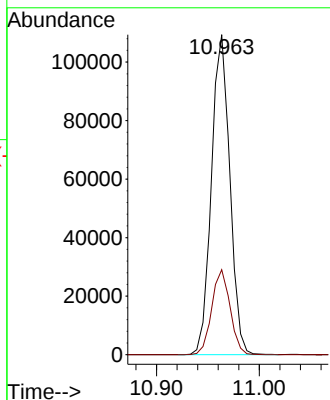
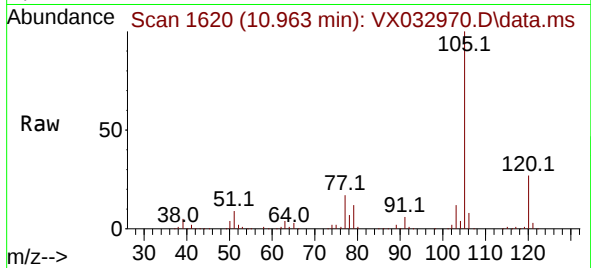
#73
Isopropylbenzene
Concen: 18.440 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX032970.D
Acq: 22 Nov 2022 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:105 Resp: 135600
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.3

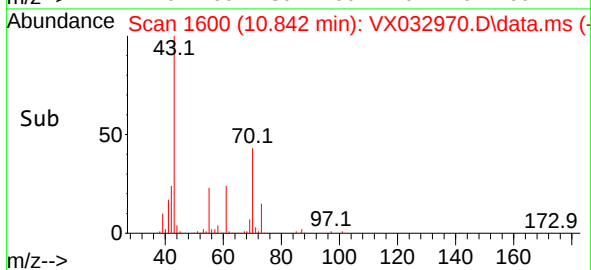
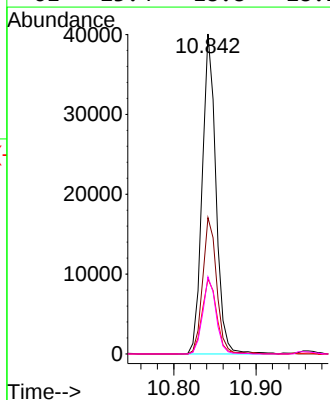
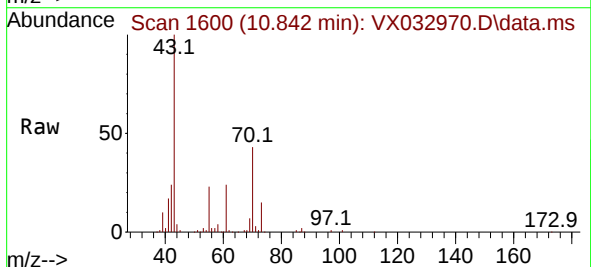
Manual Integrations
APPROVED

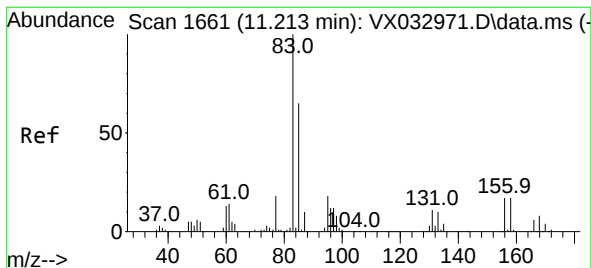
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#74
N-ethyl acetate
Concen: 16.727 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX032970.D
Acq: 22 Nov 2022 10:15

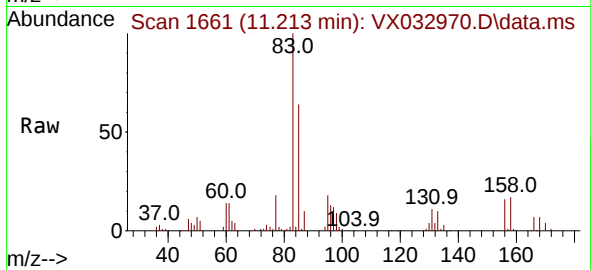
Tgt Ion: 43 Resp: 46477
Ion Ratio Lower Upper
43 100
70 43.3 33.6 50.4
55 24.8 19.4 29.2
61 23.4 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 17.368 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX032970.D
Acq: 22 Nov 2022 10:15

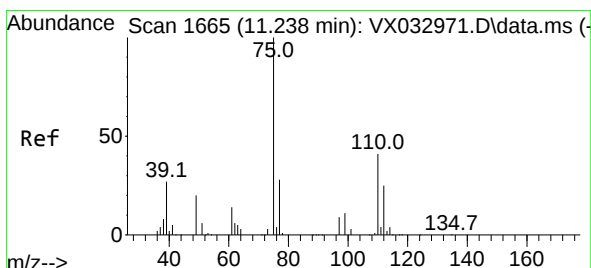
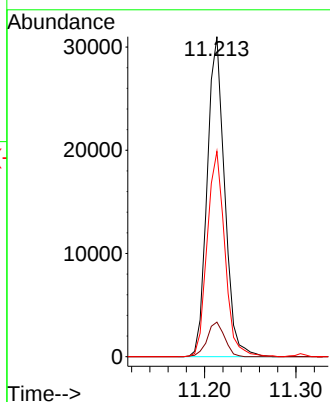
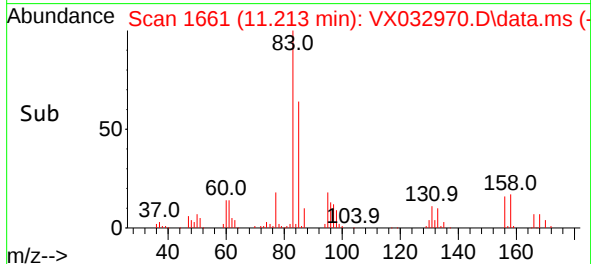
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 83 Resp: 4099
Ion Ratio Lower Upper
83 100
131 10.9 5.4 16.2
85 65.0 31.9 95.9

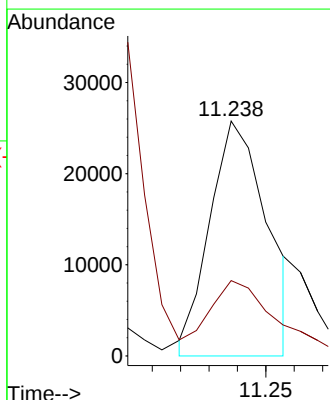
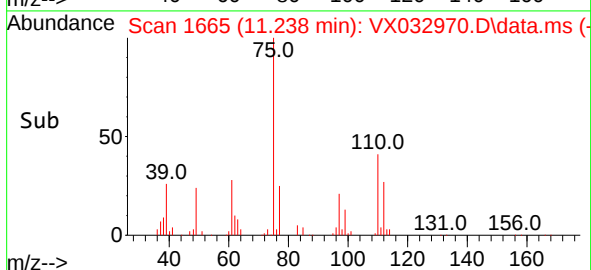
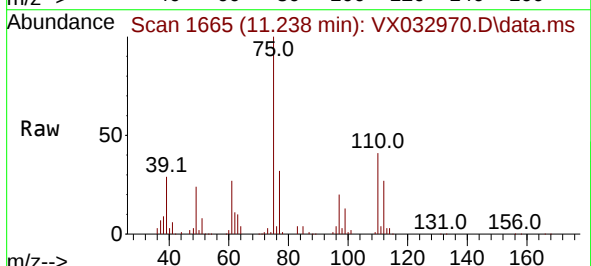
Manual Integrations
APPROVED

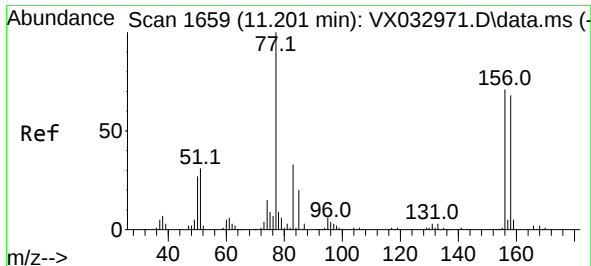
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#76
1,2,3-Trichloropropane
Concen: 17.439 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX032970.D
Acq: 22 Nov 2022 10:15

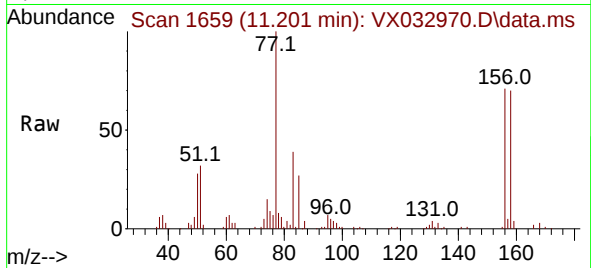
Tgt Ion: 75 Resp: 36005
Ion Ratio Lower Upper
75 100
77 38.4 20.0 60.0





#77
Bromobenzene
Concen: 18.113 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX032970.D
Acq: 22 Nov 2022 10:15

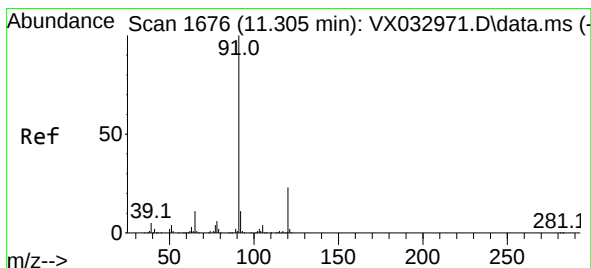
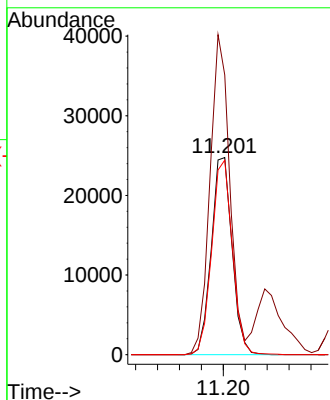
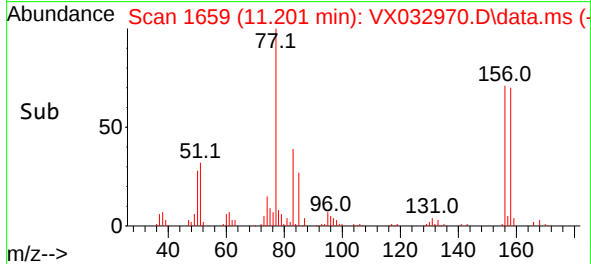
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



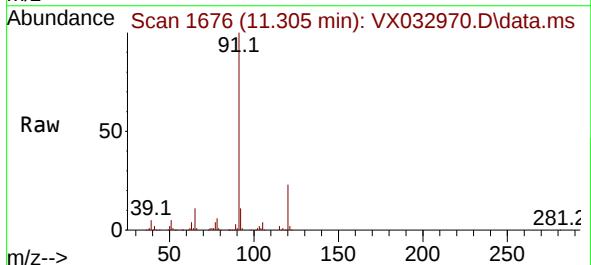
Tgt Ion:156 Resp: 32654
Ion Ratio Lower Upper
156 100
77 153.7 76.1 228.4
158 98.0 48.8 146.3

Manual Integrations
APPROVED

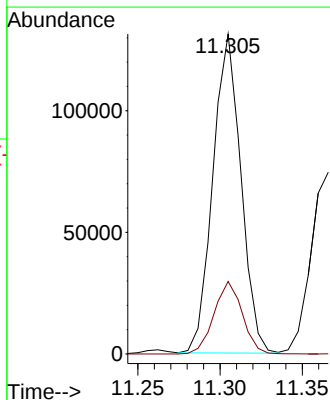
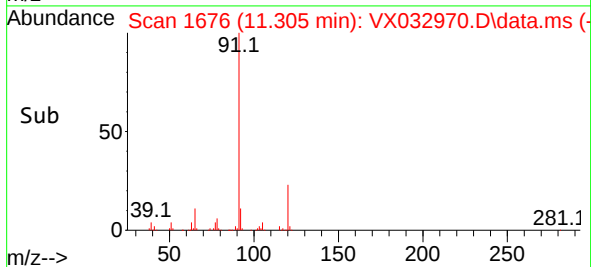
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022

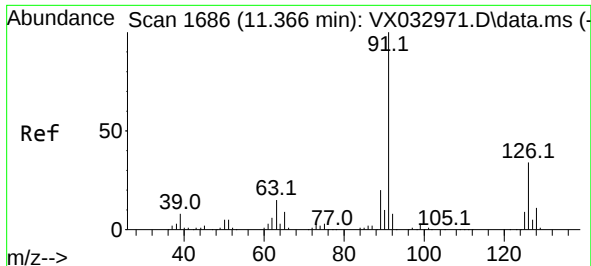


#78
n-propylbenzene
Concen: 18.352 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX032970.D
Acq: 22 Nov 2022 10:15



Tgt Ion: 91 Resp: 155487
Ion Ratio Lower Upper
91 100
120 22.9 11.6 34.8





#79

2-Chlorotoluene

Concen: 18.566 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX032970.D

Acq: 22 Nov 2022 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 91 Resp: 9420

Ion Ratio Lower Upper

91 100

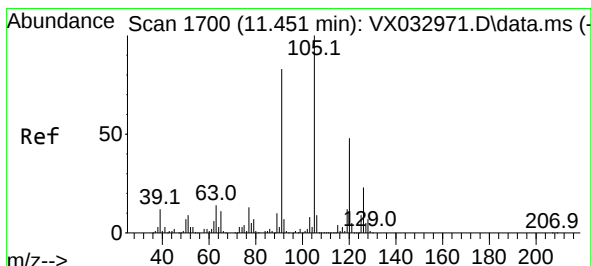
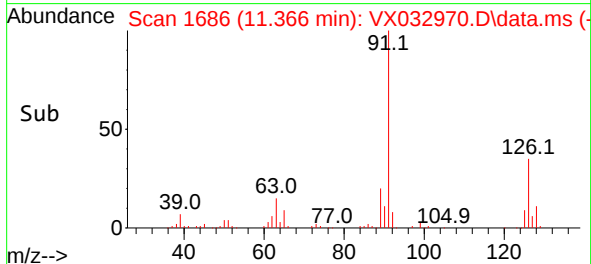
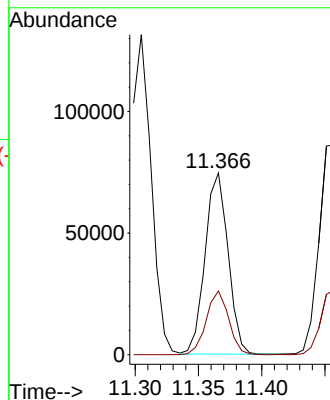
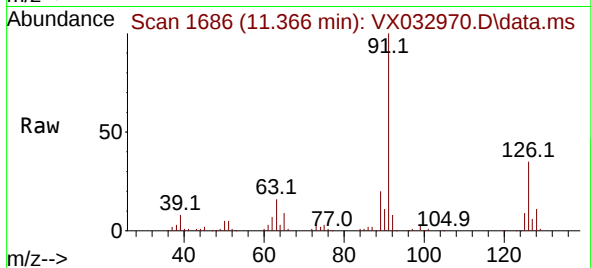
126 34.2 17.1 51.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/28/2022



#80

1,3,5-Trimethylbenzene

Concen: 18.558 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX032970.D

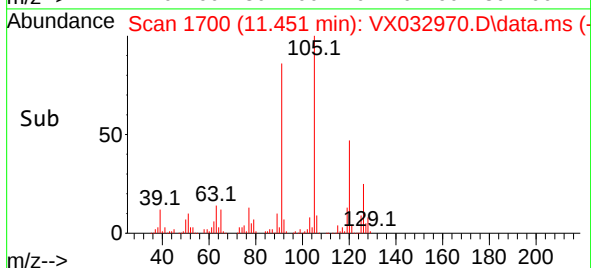
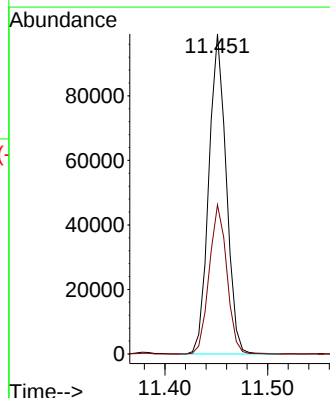
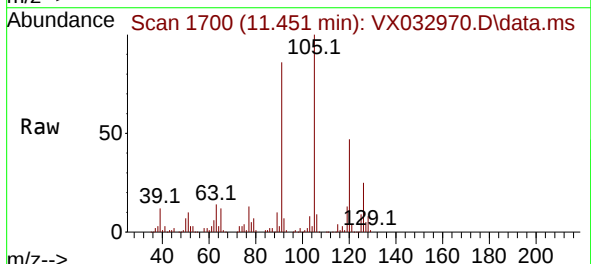
Acq: 22 Nov 2022 10:15

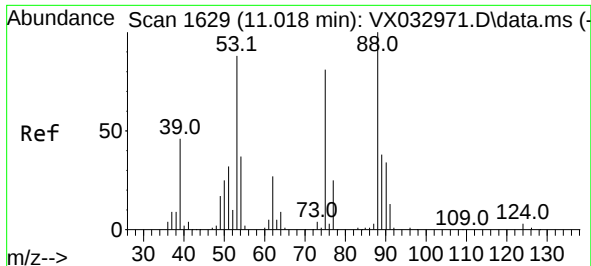
Tgt Ion:105 Resp: 116638

Ion Ratio Lower Upper

105 100

120 47.2 23.6 71.0





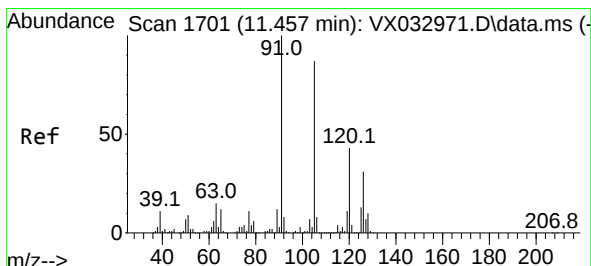
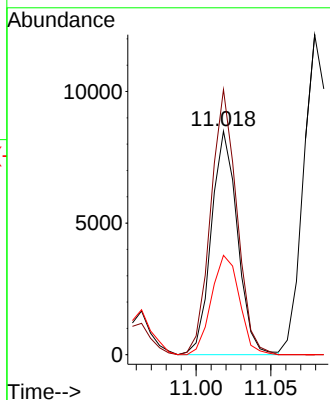
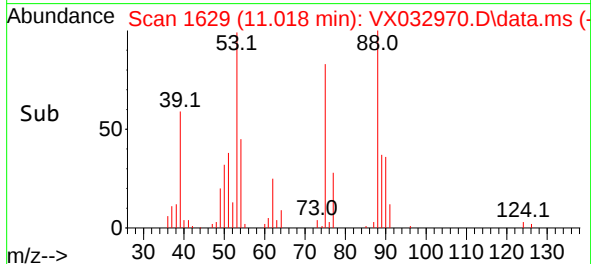
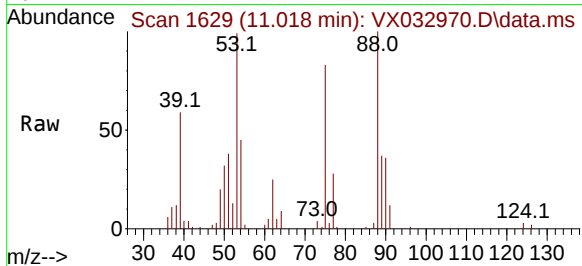
#81
trans-1,4-Dichloro-2-butene
Concen: 15.933 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX032970.D
Acq: 22 Nov 2022 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 75 Resp: 10338
Ion Ratio Lower Upper
75 100
53 118.0 86.9 130.3
89 47.4 38.3 57.5

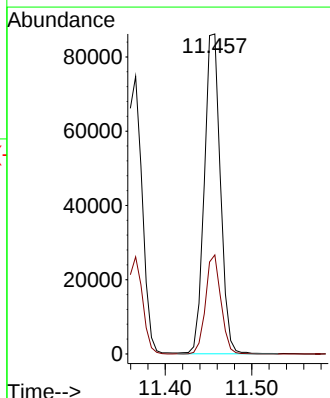
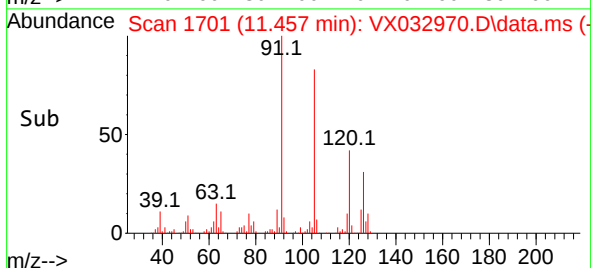
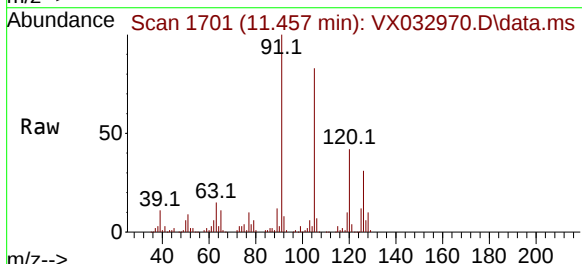
Manual Integrations
APPROVED

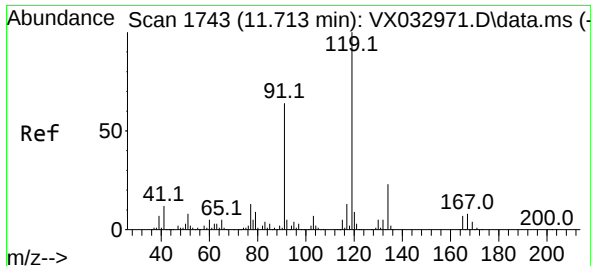
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#82
4-Chlorotoluene
Concen: 18.715 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX032970.D
Acq: 22 Nov 2022 10:15

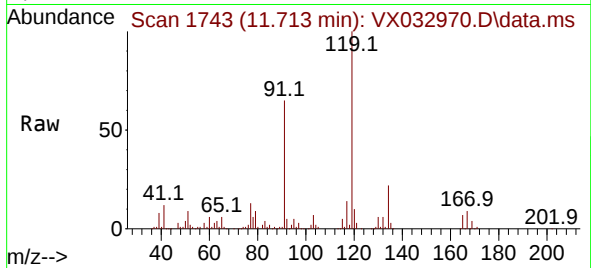
Tgt Ion: 91 Resp: 111118
Ion Ratio Lower Upper
91 100
126 29.6 14.8 44.4





#83
tert-Butylbenzene
Concen: 17.788 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX032970.D
Acq: 22 Nov 2022 10:15

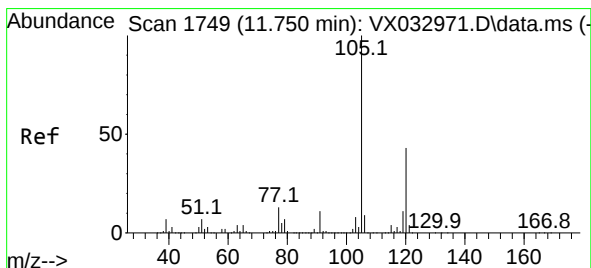
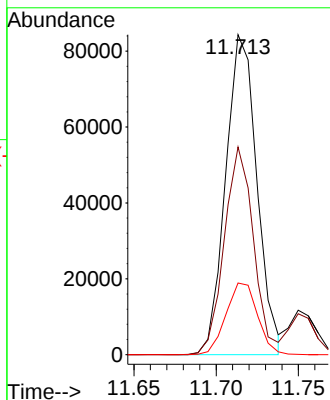
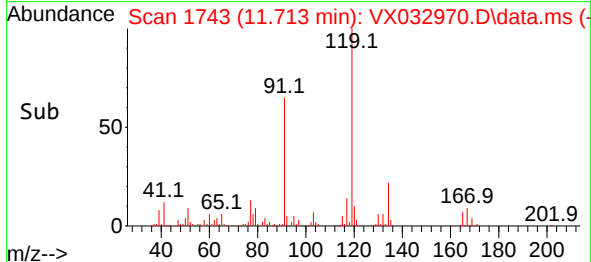
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



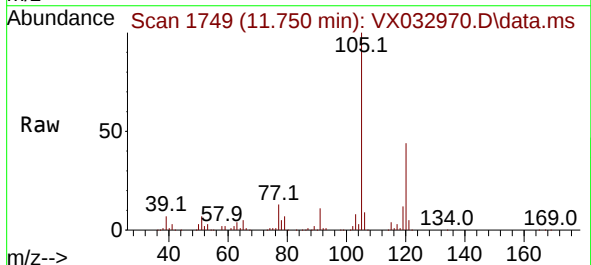
Tgt Ion:119 Resp: 11161
Ion Ratio Lower Upper
119 100
91 60.8 29.4 88.2
134 22.7 11.0 33.0

Manual Integrations
APPROVED

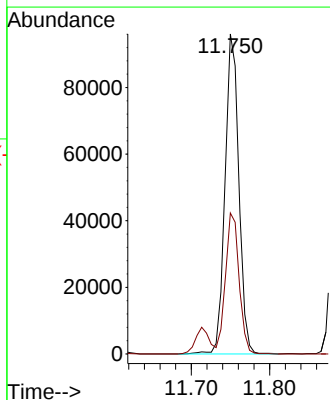
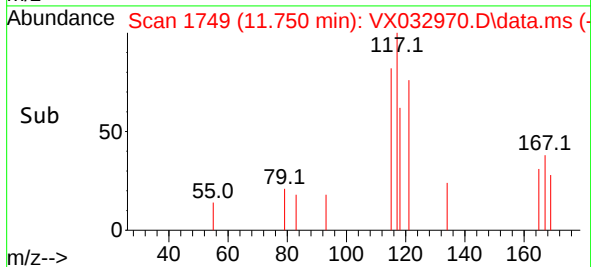
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022

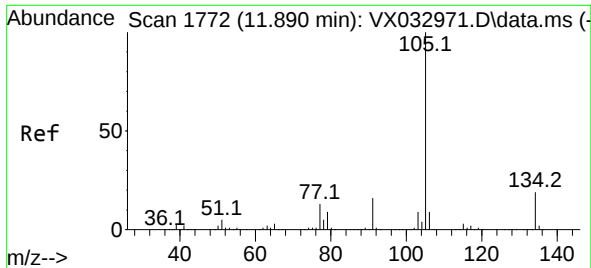


#84
1,2,4-Trimethylbenzene
Concen: 18.865 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX032970.D
Acq: 22 Nov 2022 10:15



Tgt Ion:105 Resp: 117923
Ion Ratio Lower Upper
105 100
120 43.4 21.9 65.5





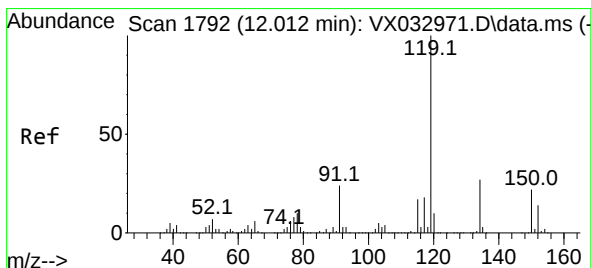
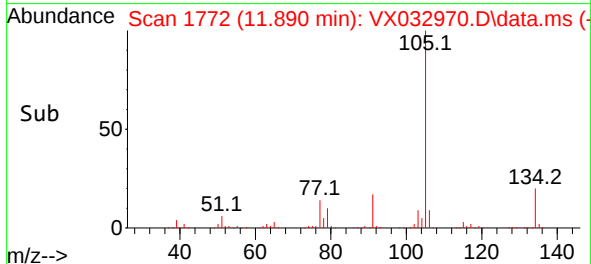
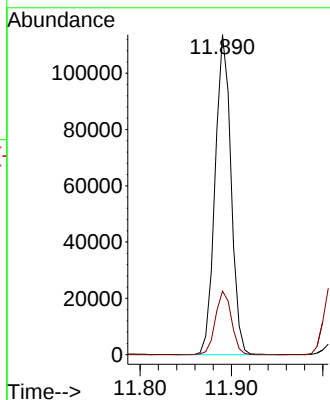
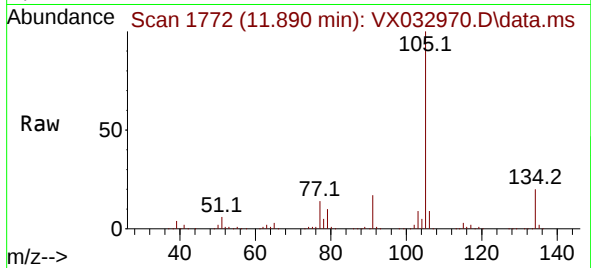
#85
 sec-Butylbenzene
 Concen: 18.192 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX032970.D
 Acq: 22 Nov 2022 10:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion:105 Resp: 137350
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.9 29.7

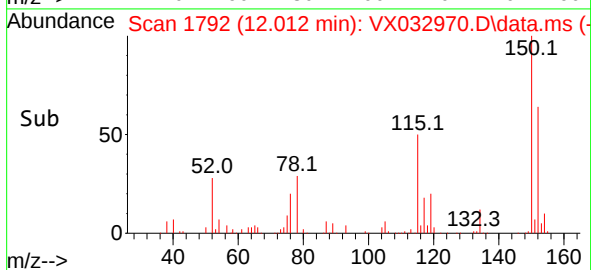
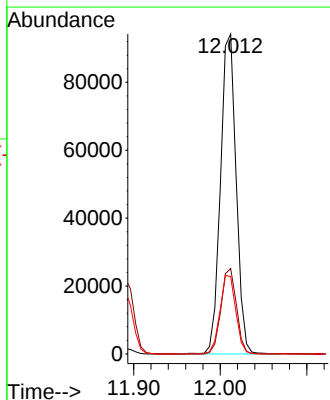
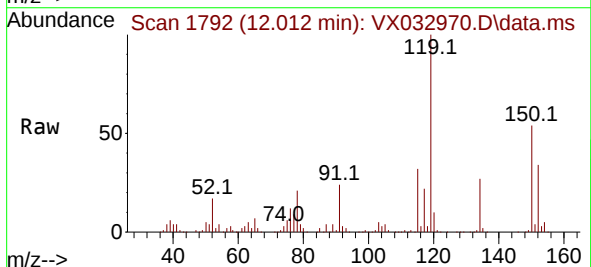
Manual Integrations
 APPROVED

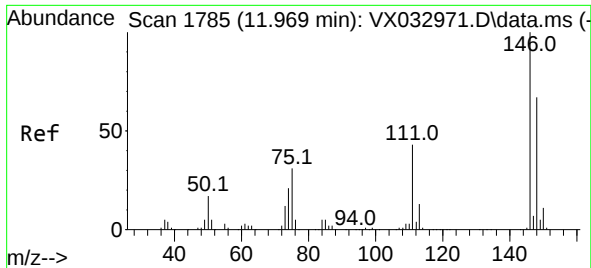
Reviewed By :John Carlone 11/23/2022
 Supervised By :Mahesh Dadoda 11/28/2022



#86
 p-Isopropyltoluene
 Concen: 18.486 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX032970.D
 Acq: 22 Nov 2022 10:15

Tgt Ion:119 Resp: 118429
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.9 38.7
 91 24.8 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 18.518 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX032970.D

Acq: 22 Nov 2022 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

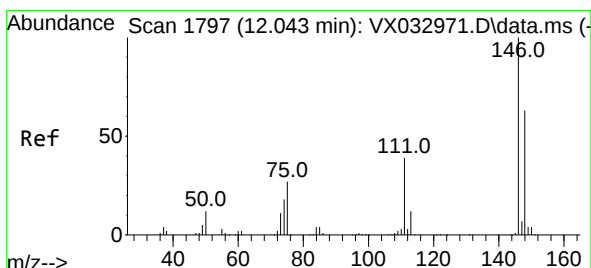
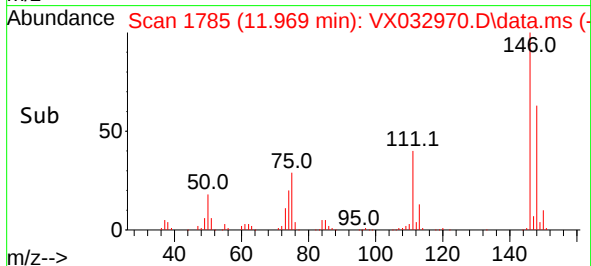
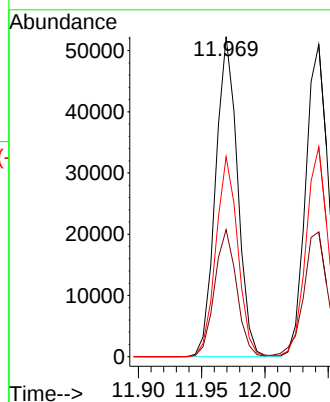
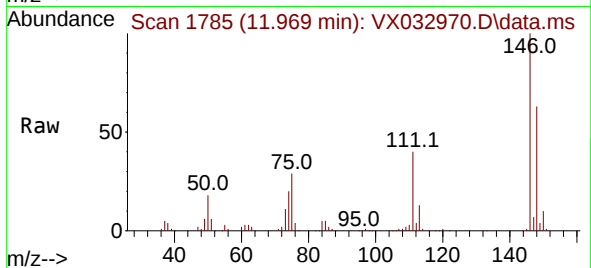
Tgt Ion:146 Resp: 62970
 Ion Ratio Lower Upper
 146 100
 111 39.8 20.6 61.8
 148 62.2 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/28/2022



#88

1,4-Dichlorobenzene

Concen: 17.965 ug/l

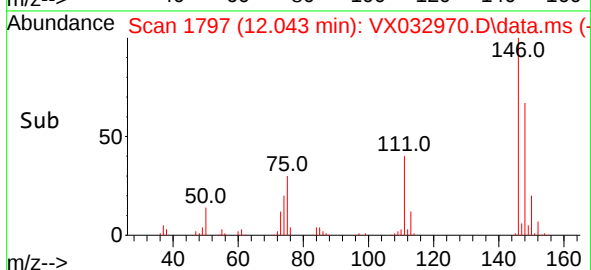
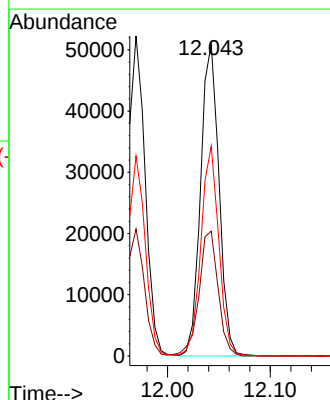
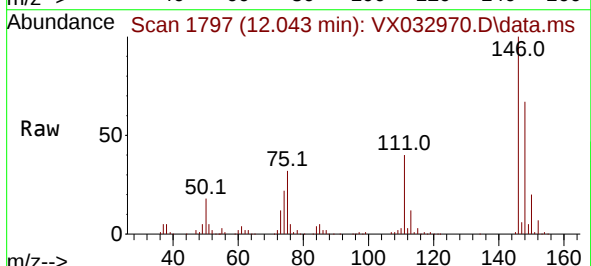
RT: 12.043 min Scan# 1797

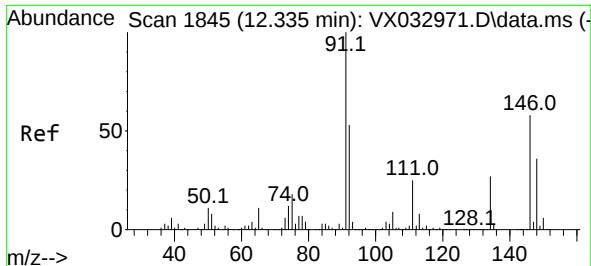
Delta R.T. 0.000 min

Lab File: VX032970.D

Acq: 22 Nov 2022 10:15

Tgt Ion:146 Resp: 63380
 Ion Ratio Lower Upper
 146 100
 111 41.8 20.5 61.6
 148 65.6 32.2 96.6





#89

n-Butylbenzene

Concen: 17.920 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX032970.D

Acq: 22 Nov 2022 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 91 Resp: 99880

Ion Ratio Lower Upper

91 100

92 51.8 26.2 78.6

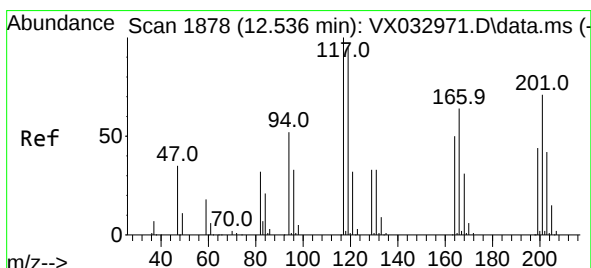
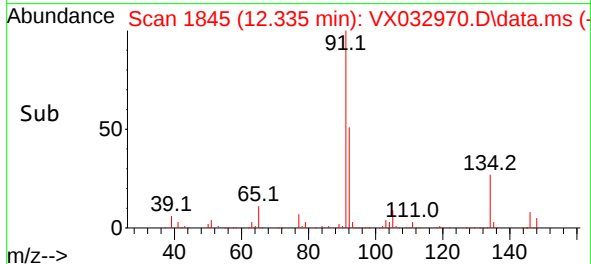
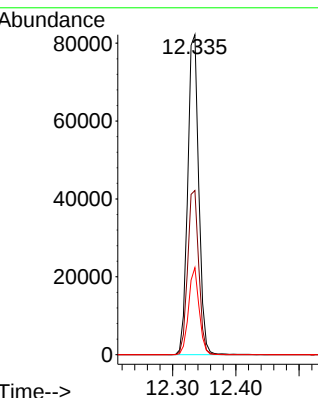
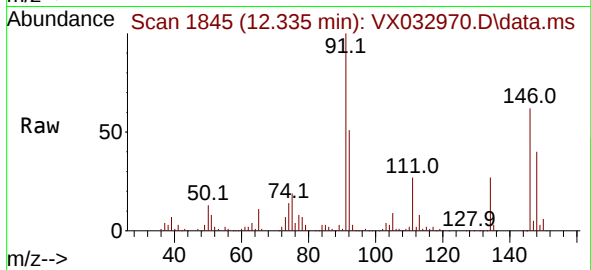
134 26.0 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/28/2022



#90

Hexachloroethane

Concen: 17.750 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.006 min

Lab File: VX032970.D

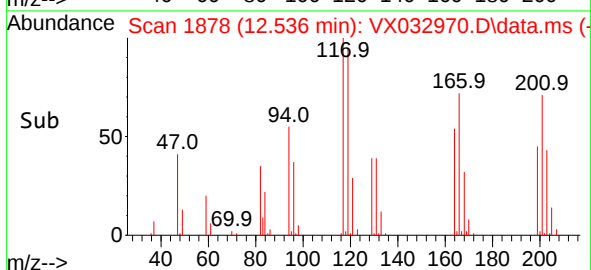
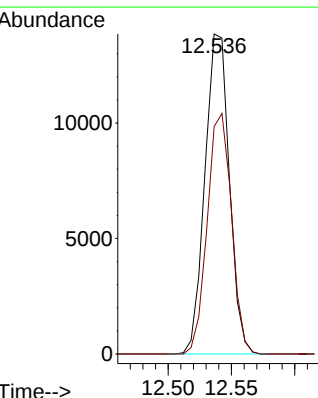
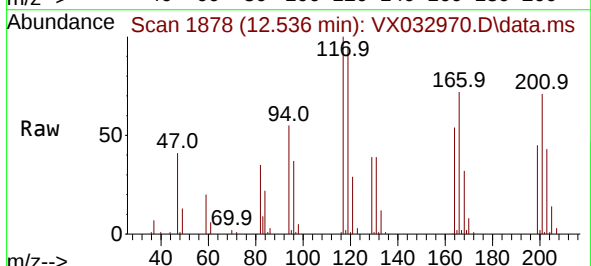
Acq: 22 Nov 2022 10:15

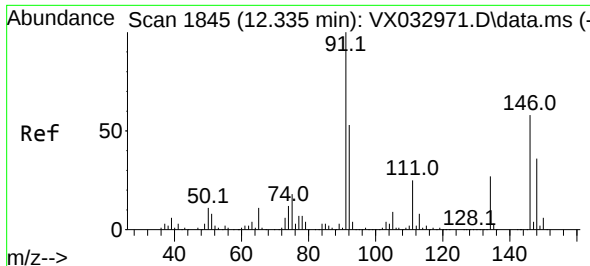
Tgt Ion:117 Resp: 18574

Ion Ratio Lower Upper

117 100

201 74.7 37.6 112.9





#91

1,2-Dichlorobenzene

Concen: 18.322 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX032970.D

Acq: 22 Nov 2022 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion:146 Resp: 6143

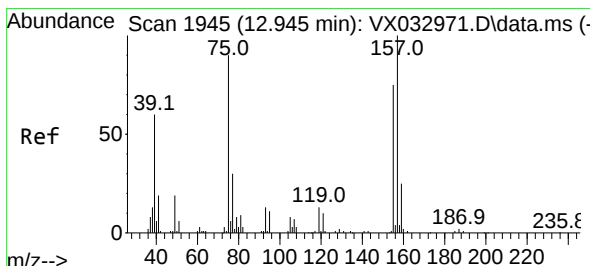
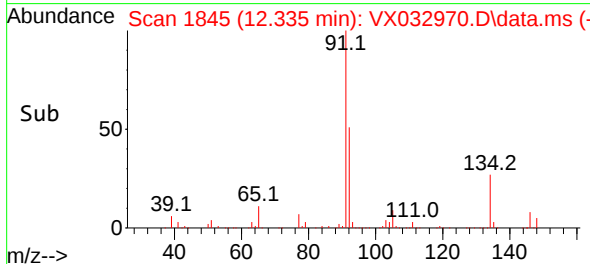
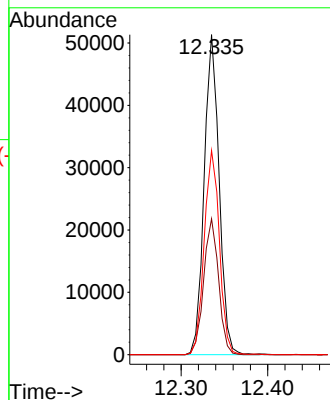
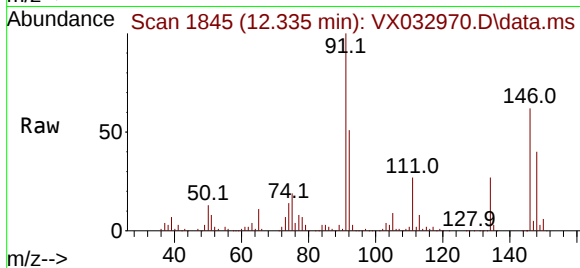
Ion	Ratio	Lower	Upper
146	100		
111	42.4	21.5	64.5
148	64.9	32.0	96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/28/2022



#92

1,2-Dibromo-3-Chloropropane

Concen: 15.734 ug/l

RT: 12.945 min Scan# 1945

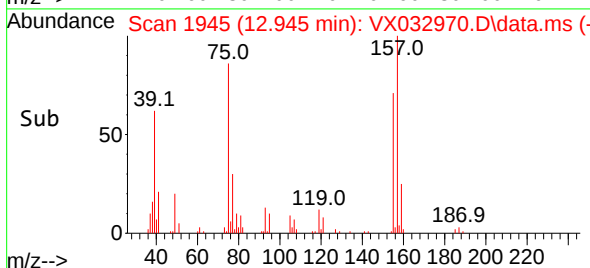
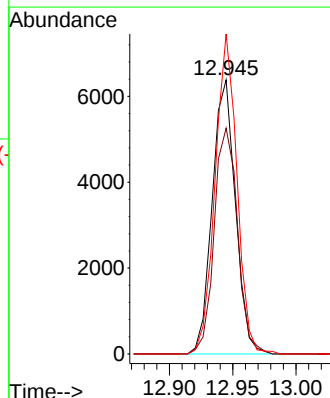
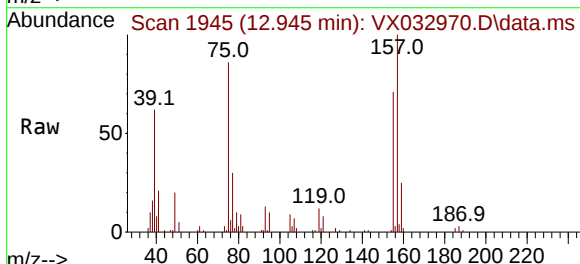
Delta R.T. 0.000 min

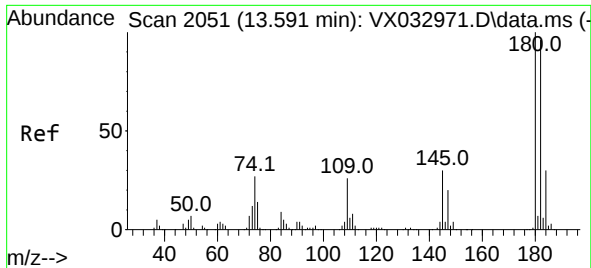
Lab File: VX032970.D

Acq: 22 Nov 2022 10:15

Tgt Ion: 75 Resp: 8143

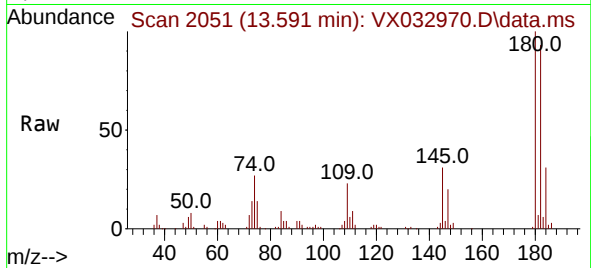
Ion	Ratio	Lower	Upper
75	100		
155	82.6	41.6	124.8
157	109.6	54.1	162.4





#93
1,2,4-Trichlorobenzene
Concen: 16.923 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX032970.D
Acq: 22 Nov 2022 10:15

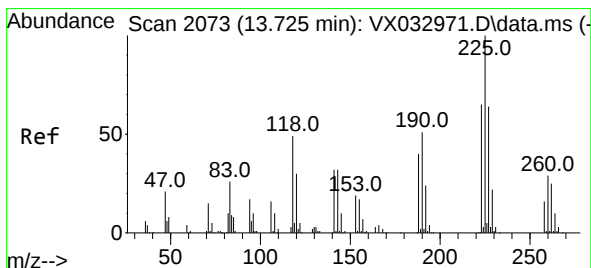
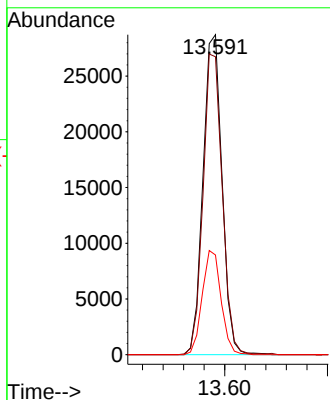
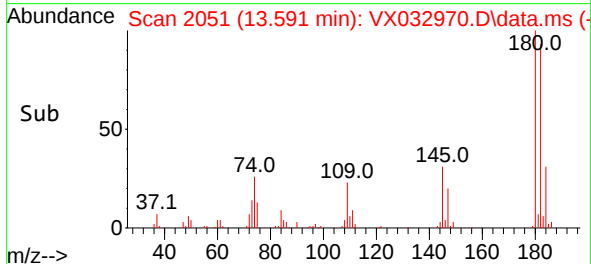
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



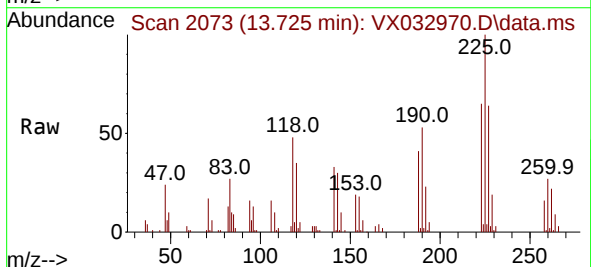
Tgt Ion:180 Resp: 37000
Ion Ratio Lower Upper
180 100
182 95.0 48.4 145.0
145 32.2 16.2 48.5

Manual Integrations
APPROVED

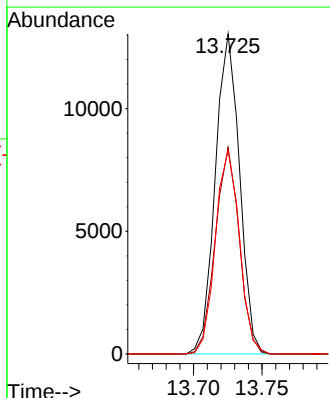
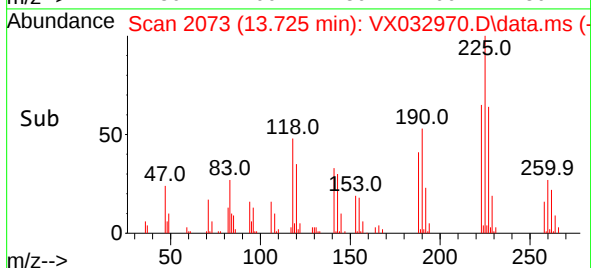
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022

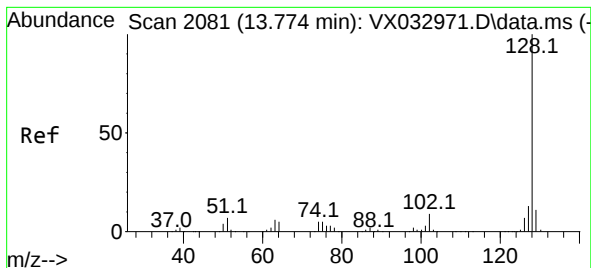


#94
Hexachlorobutadiene
Concen: 17.558 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX032970.D
Acq: 22 Nov 2022 10:15



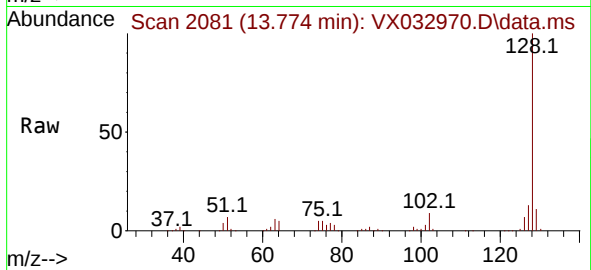
Tgt Ion:225 Resp: 16033
Ion Ratio Lower Upper
225 100
223 63.5 31.9 95.9
227 63.2 31.9 95.5





#95
Naphthalene
Concen: 16.655 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX032970.D
Acq: 22 Nov 2022 10:15

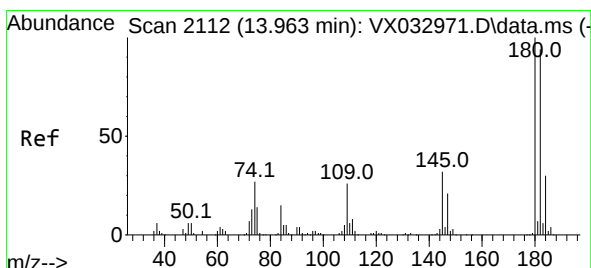
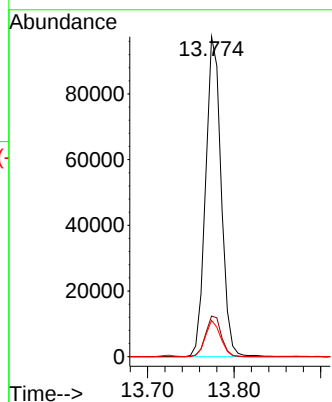
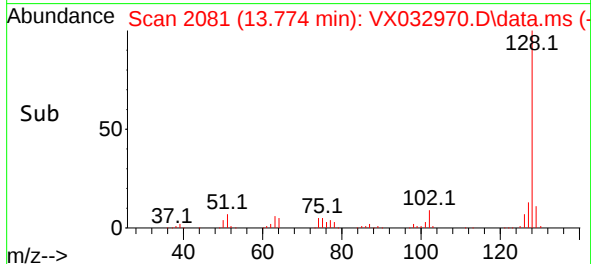
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



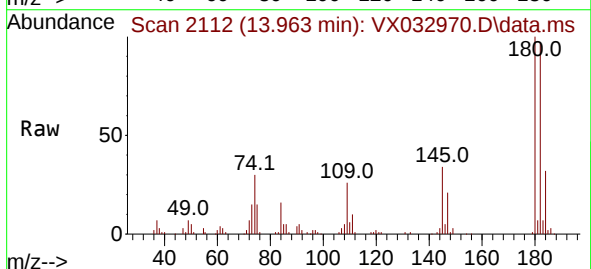
Tgt Ion:128 Resp: 121340
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.1 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#96
1,2,3-Trichlorobenzene
Concen: 16.777 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX032970.D
Acq: 22 Nov 2022 10:15



Tgt Ion:180 Resp: 37288
Ion Ratio Lower Upper
180 100
182 94.9 47.5 142.6
145 34.5 16.9 50.6

