

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092324\
 Data File : VX043105.D
 Acq On : 23 Sep 2024 10:42
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Sep 24 02:51:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 24 02:22:33 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/24/2024
 Supervised By : Mahesh Dadoda 09/24/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	96525	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	169065	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	154095	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75636	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	243334	151.768	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 303.540%#			
35) Dibromofluoromethane	5.385	113	182469	152.996	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 306.000%#			
50) Toluene-d8	8.647	98	610711	151.355	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 302.700%#			
62) 4-Bromofluorobenzene	11.079	95	252012	155.090	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 310.180%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	160779	156.193	ug/l	99
3) Chloromethane	1.294	50	163078	155.175	ug/l	99
4) Vinyl Chloride	1.374	62	169003	158.314	ug/l	99
5) Bromomethane	1.599	94	73172	119.145	ug/l	95
6) Chloroethane	1.672	64	93981	137.503	ug/l	99
7) Trichlorofluoromethane	1.880	101	292777	154.512	ug/l	98
8) Diethyl Ether	2.136	74	99284	156.061	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	163109	152.509	ug/l	99
10) Methyl Iodide	2.447	142	182426	143.511	ug/l	98
11) Tert butyl alcohol	2.977	59	250042	698.475	ug/l	100
12) 1,1-Dichloroethene	2.319	96	158591	155.026	ug/l	99
13) Acrolein	2.239	56	23488	510.149	ug/l	97
14) Allyl chloride	2.660	41	258959	136.326	ug/l	99
15) Acrylonitrile	3.069	53	473163	761.974	ug/l	99
16) Acetone	2.386	43	499113	665.648	ug/l	98
17) Carbon Disulfide	2.508	76	386064	151.824	ug/l	100
18) Methyl Acetate	2.703	43	314299	155.736	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	597605	153.313	ug/l	99
20) Methylene Chloride	2.788	84	176379	147.854	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	159948	151.105	ug/l	98
22) Diisopropyl ether	3.764	45	531524	149.437	ug/l	98
23) Vinyl Acetate	3.721	43	3166158	756.710	ug/l	99
24) 1,1-Dichloroethane	3.605	63	315375	153.357	ug/l	99
25) 2-Butanone	4.556	43	705898	730.318	ug/l	100
26) 2,2-Dichloropropane	4.471	77	317398	152.492	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	200962	152.503	ug/l	99
28) Bromochloromethane	4.898	49	125735	138.896	ug/l	100
29) Tetrahydrofuran	5.001	42	425527	732.046	ug/l	100
30) Chloroform	5.093	83	339186	149.588	ug/l	98
31) Cyclohexane	5.464	56	235363	149.269	ug/l	100
32) 1,1,1-Trichloroethane	5.379	97	327982	152.701	ug/l	99
36) 1,1-Dichloropropene	5.690	75	219212	149.584	ug/l	99
37) Ethyl Acetate	4.715	43	262306	142.499	ug/l	99
38) Carbon Tetrachloride	5.678	117	282546	149.671	ug/l	98
39) Methylcyclohexane	7.379	83	272219	148.011	ug/l	98
40) Benzene	6.038	78	644844	149.122	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	147328	160.994	ug/l	98
42) 1,2-Dichloroethane	6.086	62	278986	151.942	ug/l	99
43) Isopropyl Acetate	6.336	43	469359	152.659	ug/l	100
44) Trichloroethene	7.123	130	178963	151.257	ug/l	99
45) 1,2-Dichloropropane	7.428	63	164127	152.379	ug/l	100
46) Dibromomethane	7.580	93	138573	152.789	ug/l	97
47) Bromodichloromethane	7.818	83	290992	154.294	ug/l	97
48) Methyl methacrylate	7.690	41	229595	152.035	ug/l	99
49) 1,4-Dioxane	7.659	88	80363	2818.930	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	1398292	740.308	ug/l	99
52) Toluene	8.714	92	415999	149.380	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	306089	158.104	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	303895	157.179	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	175188	152.788	ug/l	97
56) Ethyl methacrylate	9.116	69	310795	155.767	ug/l	99
57) 1,3-Dichloropropane	9.305	76	294134	150.821	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	652072	808.264	ug/l	100
59) 2-Hexanone	9.433	43	1078898	730.516	ug/l	99
60) Dibromochloromethane	9.519	129	230179	153.720	ug/l	99
61) 1,2-Dibromoethane	9.610	107	188584	150.314	ug/l	100
64) Tetrachloroethene	9.275	164	150104	134.443	ug/l	95
65) Chlorobenzene	10.079	112	494624	148.796	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	186646	152.223	ug/l	100
67) Ethyl Benzene	10.195	91	859148	149.412	ug/l	99
68) m/p-Xylenes	10.299	106	637246	297.789	ug/l	100
69) o-Xylene	10.640	106	321820	149.939	ug/l	97
70) Styrene	10.653	104	548850	153.301	ug/l	100
71) Bromoform	10.799	173	166342	154.245	ug/l #	99
73) Isopropylbenzene	10.963	105	841043	148.270	ug/l	99
74) N-amyl acetate	10.842	43	408578	153.301	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	266608	146.064	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	233780m	145.379	ug/l	
77) Bromobenzene	11.195	156	202464	148.681	ug/l	98
78) n-propylbenzene	11.305	91	964634	149.891	ug/l	100
79) 2-Chlorotoluene	11.366	91	583396	144.530	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	696502	148.408	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	106994	158.527	ug/l	97
82) 4-Chlorotoluene	11.451	91	692452	150.085	ug/l	100
83) tert-Butylbenzene	11.713	119	721577	149.208	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	705064	151.005	ug/l	100
85) sec-Butylbenzene	11.890	105	890390	149.804	ug/l	100
86) p-Isopropyltoluene	12.006	119	752318	152.458	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	375729	151.325	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	372237	149.502	ug/l	98
89) n-Butylbenzene	12.329	91	694541	161.502	ug/l	100
90) Hexachloroethane	12.536	117	157915	160.579	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	362643	148.306	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	76012	154.027	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	242159	159.736	ug/l	97
94) Hexachlorobutadiene	13.725	225	96902	152.136	ug/l	99
95) Naphthalene	13.774	128	848994	161.119	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	242472	160.982	ug/l	99

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ALS Vial : 8 Sample Multiplier: 1

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MSVOA_X
ClientSampleId :
VSTDICC150

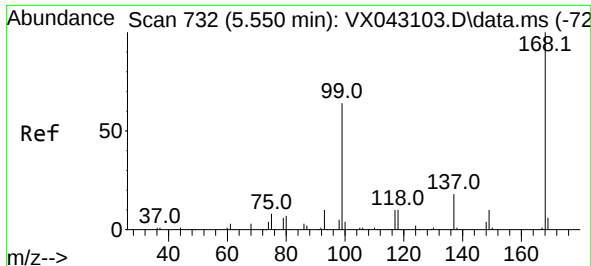
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024

Quant Time: Sep 24 02:51:21 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 24 02:22:33 2024
Response via : Initial Calibration

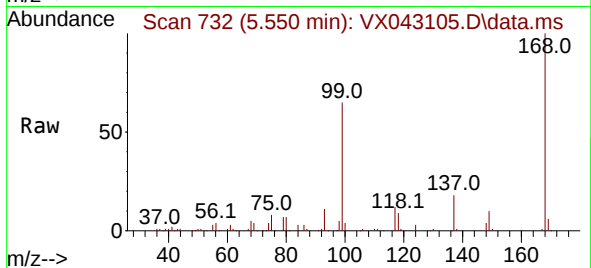
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043105.D
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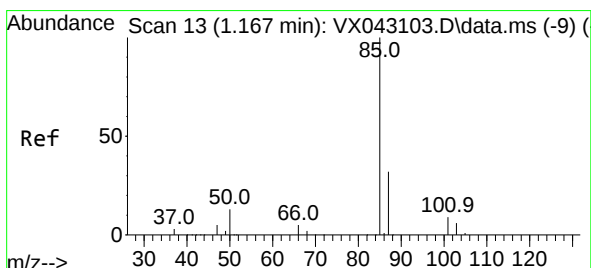
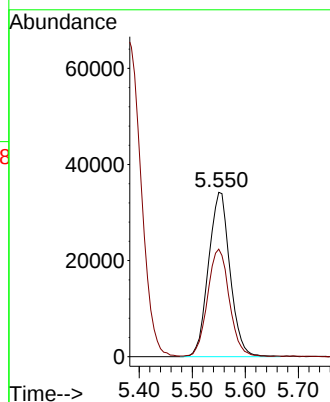
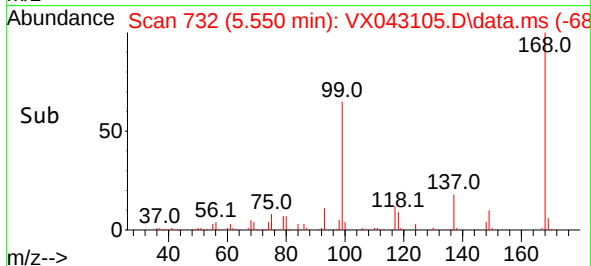
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:168 Resp: 9652
Ion Ratio Lower Upper
168 100
99 65.1 50.8 76.2

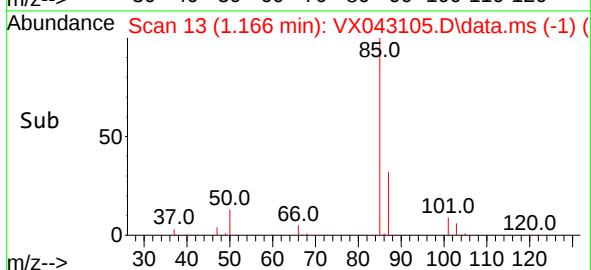
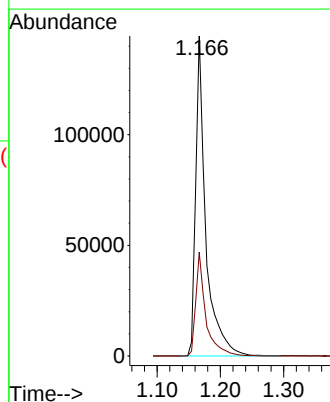
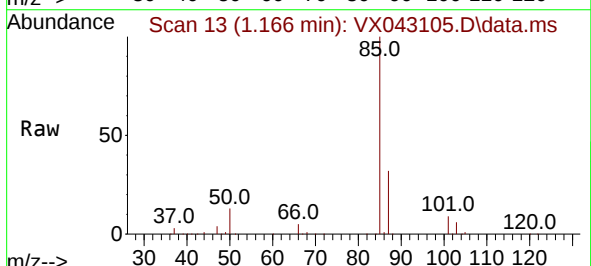
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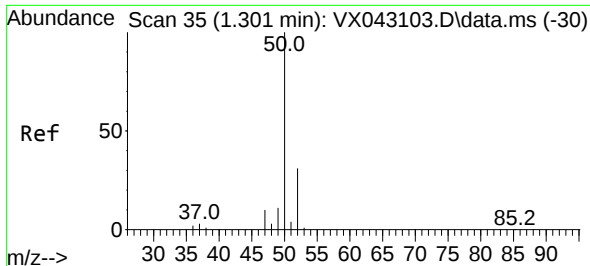
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#2
Dichlorodifluoromethane
Concen: 156.193 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX043105.D
Acq: 23 Sep 2024 10:42

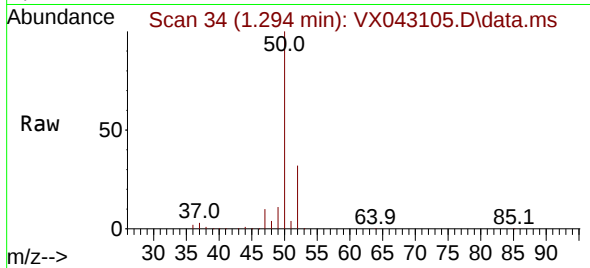
Tgt Ion: 85 Resp: 160779
Ion Ratio Lower Upper
85 100
87 32.5 16.1 48.2





#3
Chloromethane
Concen: 155.175 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX043105.D
Acq: 23 Sep 2024 10:42

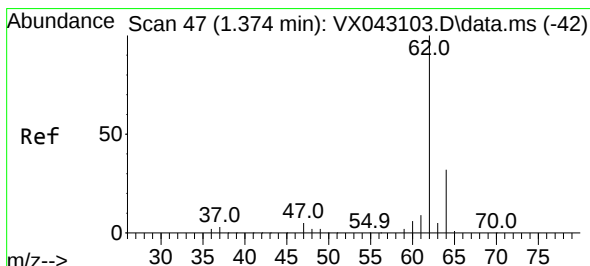
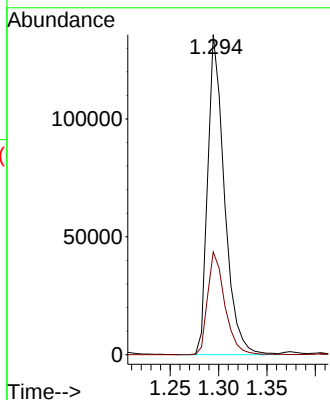
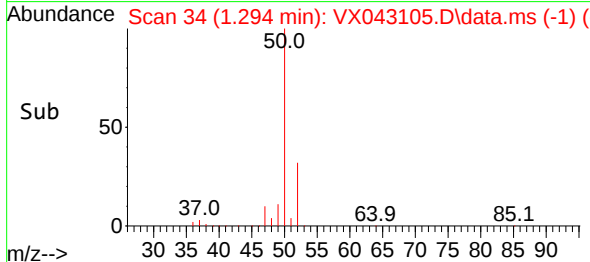
Instrument :
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Tgt Ion: 50 Resp: 163078
Ion Ratio Lower Upper
50 100
52 32.1 25.1 37.7

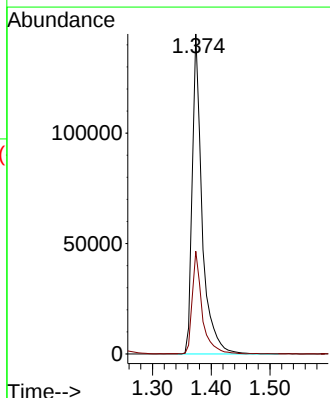
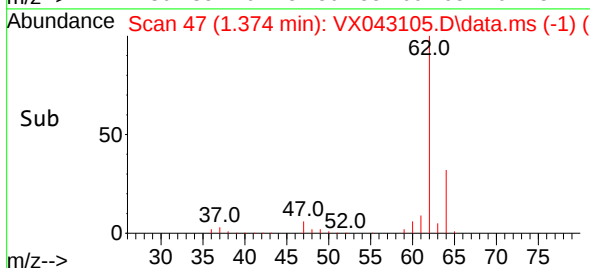
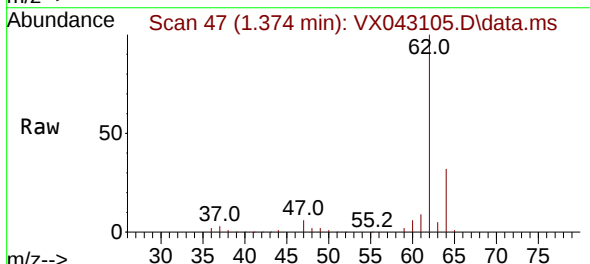
Manual Integrations
APPROVED

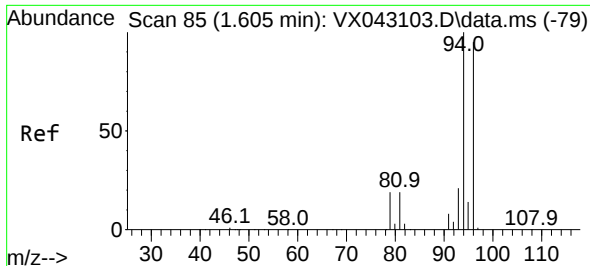
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#4
Vinyl Chloride
Concen: 158.314 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX043105.D
Acq: 23 Sep 2024 10:42

Tgt Ion: 62 Resp: 169003
Ion Ratio Lower Upper
62 100
64 32.0 26.0 39.0





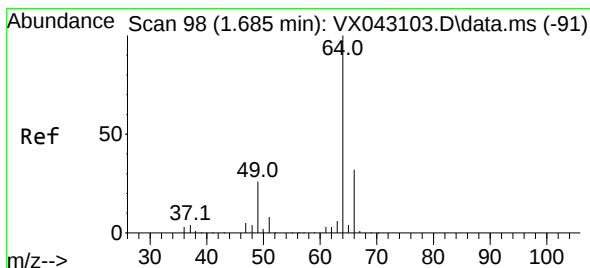
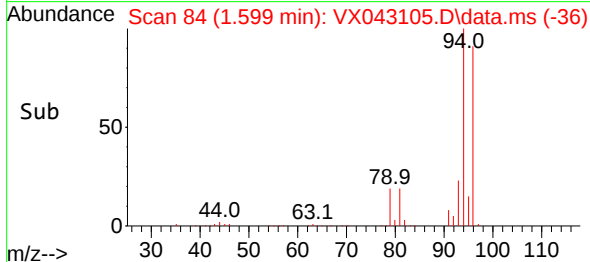
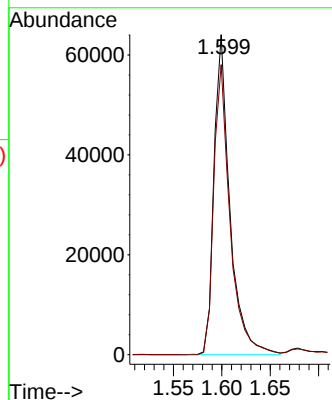
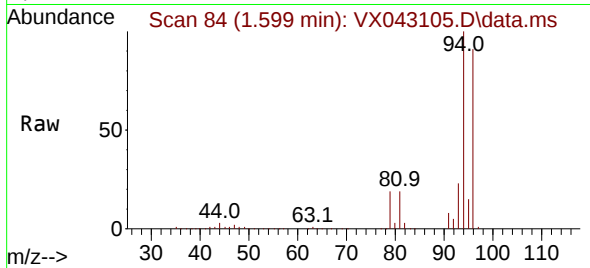
#5
Bromomethane
Concen: 119.145 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.006 min
Lab File: VX043105.D
Acq: 23 Sep 2024 10:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 94 Resp: 73172
Ion Ratio Lower Upper
94 100
96 90.6 76.2 114.4

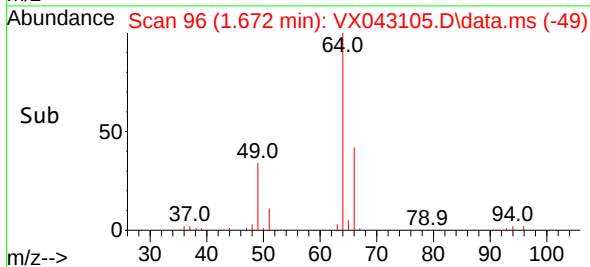
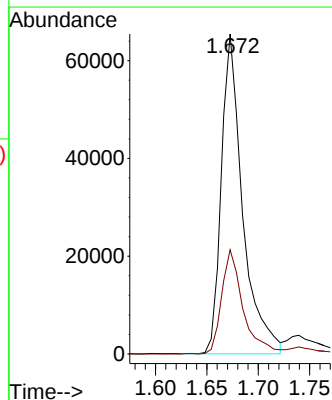
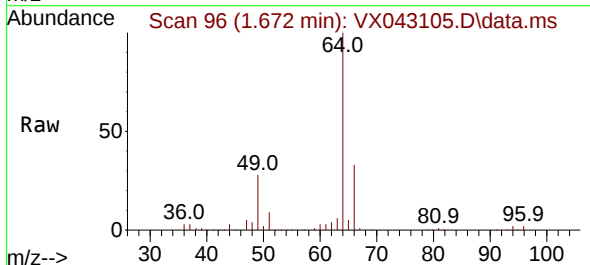
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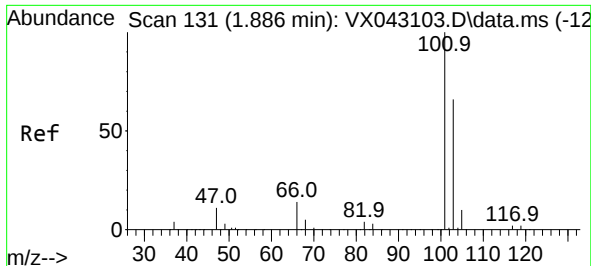
Reviewed By :John Carlone 09/24/2024
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#6
Chloroethane
Concen: 137.503 ug/l
RT: 1.672 min Scan# 96
Delta R.T. -0.012 min
Lab File: VX043105.D
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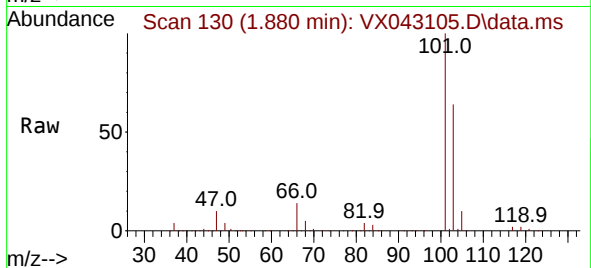
Tgt Ion: 64 Resp: 93981
Ion Ratio Lower Upper
64 100
66 32.6 25.8 38.6





#7
Trichlorofluoromethane
Concen: 154.512 ug/l
RT: 1.880 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX043105.D
Acq: 23 Sep 2024 10:42

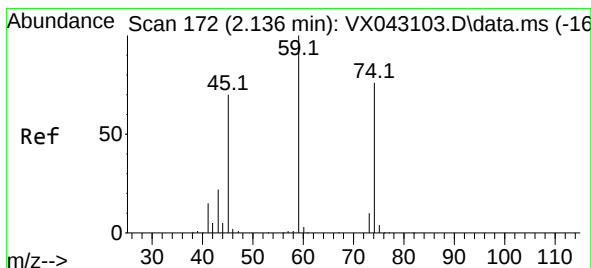
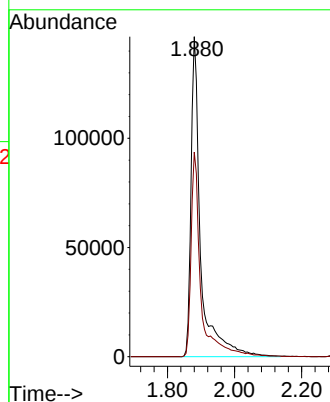
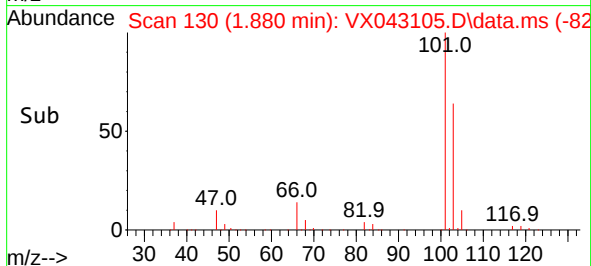
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion:101 Resp: 29277
Ion Ratio Lower Upper
101 100
103 64.0 52.4 78.6

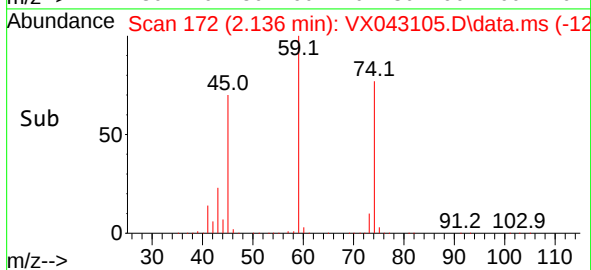
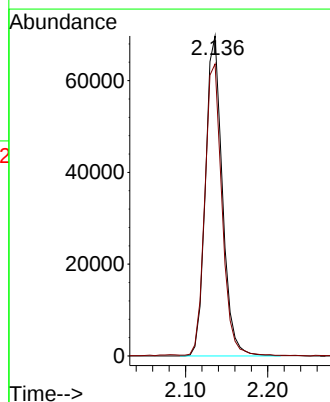
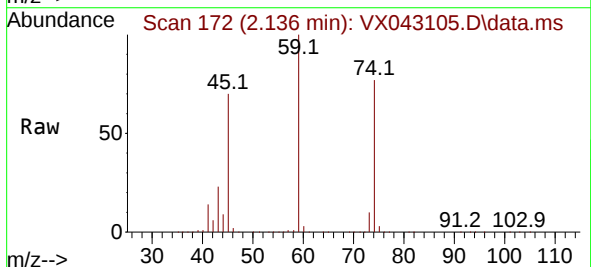
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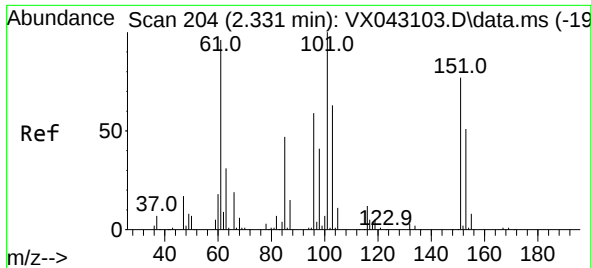
Reviewed By :John Carlone 09/24/2024
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#8
Diethyl Ether
Concen: 156.061 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX043105.D
Acq: 23 Sep 2024 10:42

Tgt Ion: 74 Resp: 99284
Ion Ratio Lower Upper
74 100
45 93.5 48.6 145.8





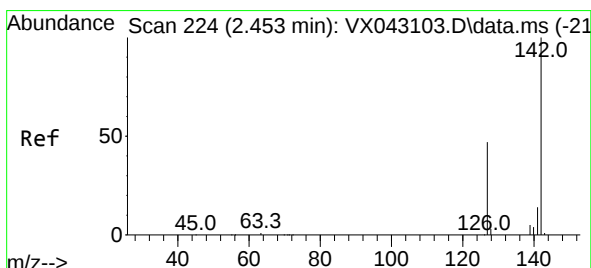
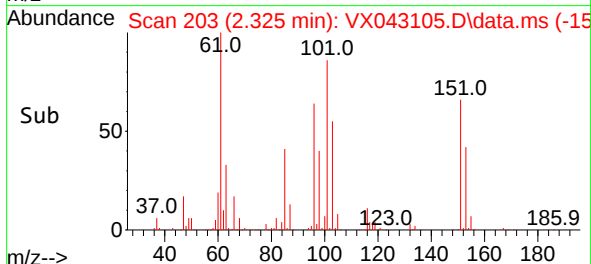
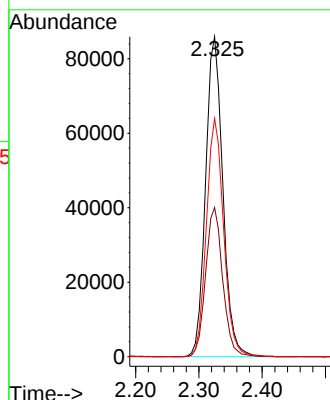
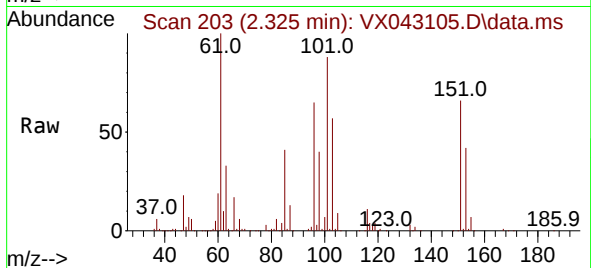
#9
1,1,2-Trichlorotrifluoroethane
Concen: 152.509 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX043105.D
Acq: 23 Sep 2024 10:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:101 Resp: 163109
Ion Ratio Lower Upper
101 100
85 46.2 37.0 55.4
151 74.6 60.2 90.4

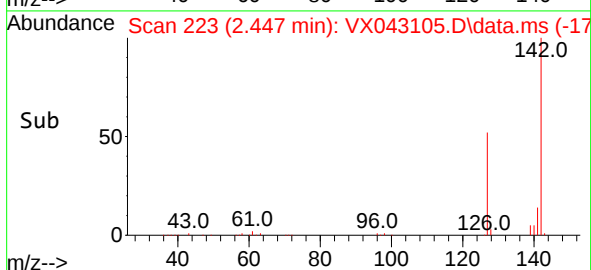
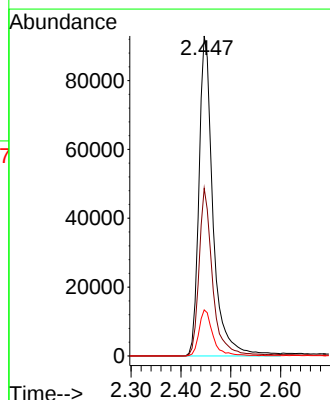
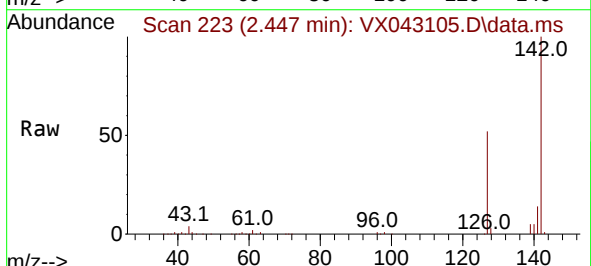
Manual Integrations
APPROVED

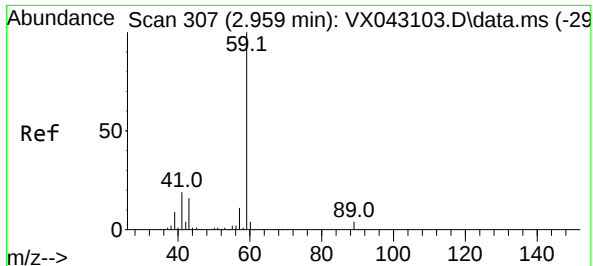
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#10
Methyl Iodide
Concen: 143.511 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX043105.D
Acq: 23 Sep 2024 10:42

Tgt Ion:142 Resp: 182426
Ion Ratio Lower Upper
142 100
127 50.2 38.9 58.3
141 14.3 11.4 17.2





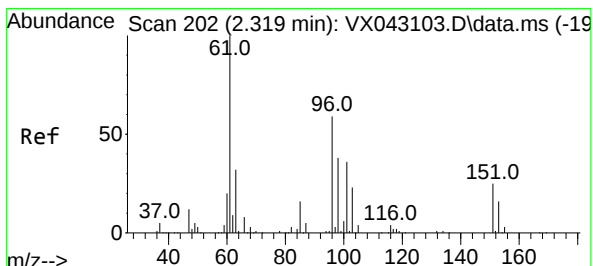
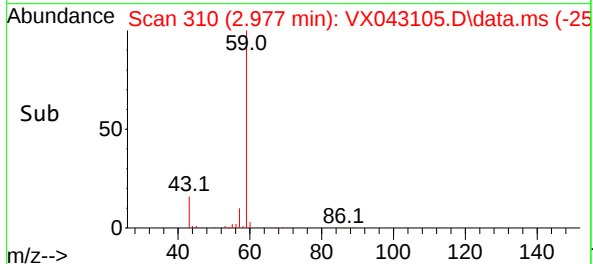
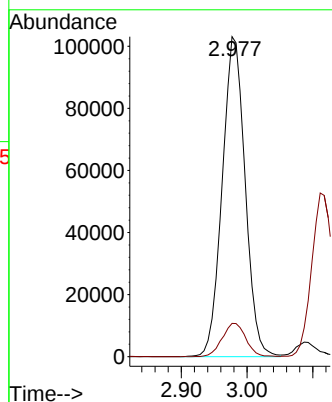
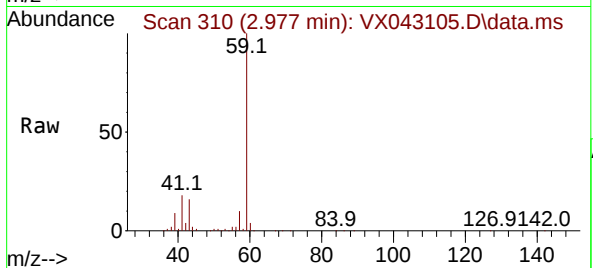
#11
Tert butyl alcohol
Concen: 698.475 ug/l
RT: 2.977 min Scan# 310
Delta R.T. 0.018 min
Lab File: VX043105.D
Acq: 23 Sep 2024 10:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 59 Resp: 25004
Ion Ratio Lower Upper
59 100
57 10.8 8.6 13.0

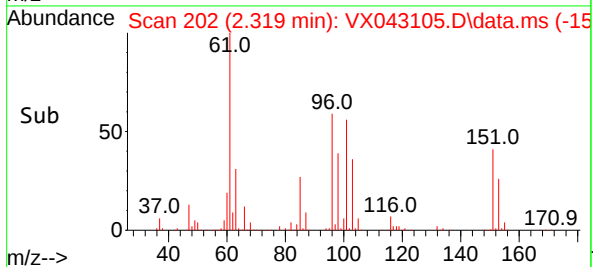
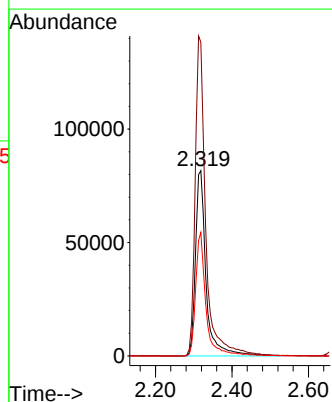
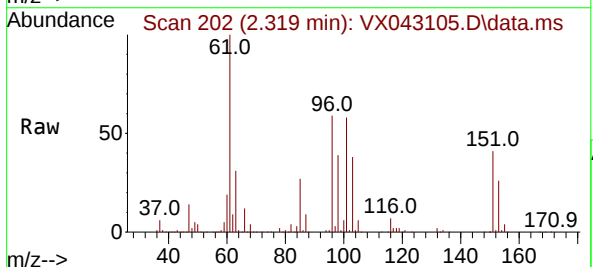
Manual Integrations
APPROVED

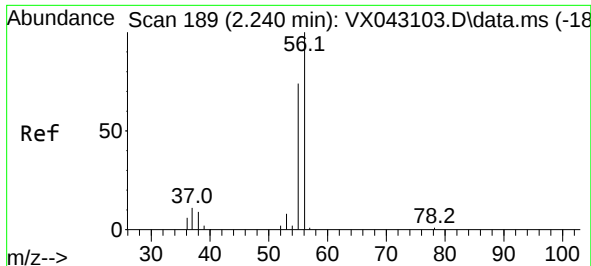
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#12
1,1-Dichloroethene
Concen: 155.026 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX043105.D
Acq: 23 Sep 2024 10:42

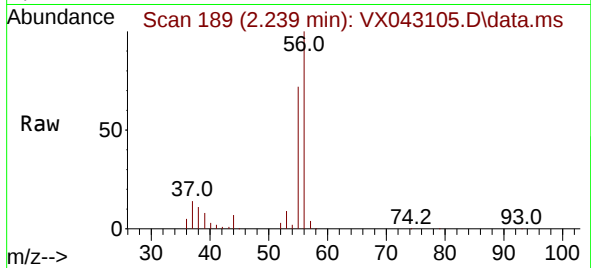
Tgt Ion: 96 Resp: 158591
Ion Ratio Lower Upper
96 100
61 169.3 134.7 202.1
98 66.6 51.6 77.4





#13
Acrolein
Concen: 510.149 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX043105.D
Acq: 23 Sep 2024 10:42

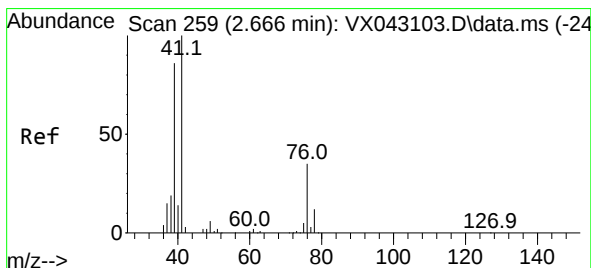
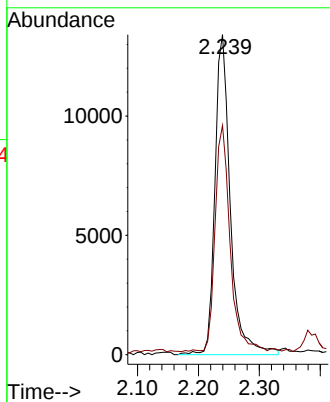
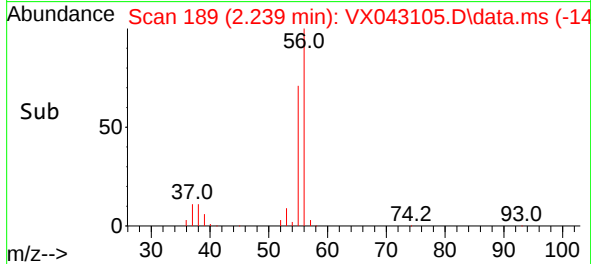
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



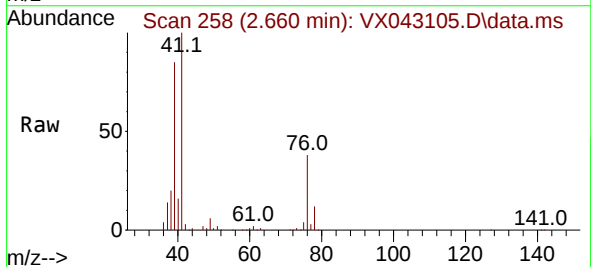
Tgt Ion: 56 Resp: 23488
Ion Ratio Lower Upper
56 100
55 67.6 55.8 83.6

Manual Integrations
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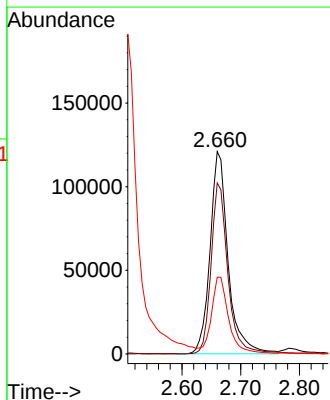
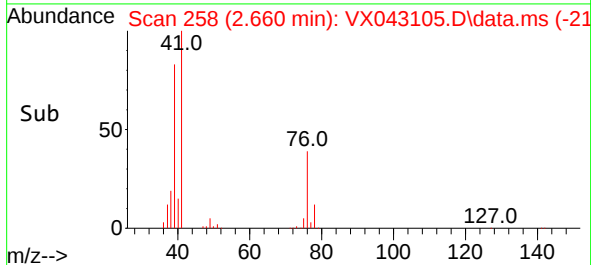
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024

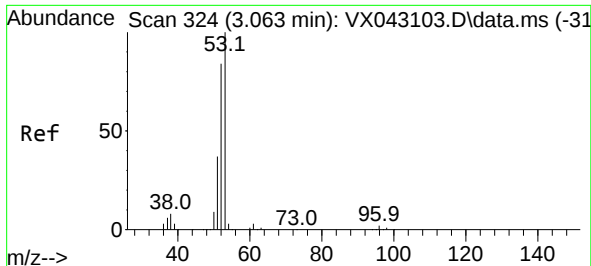


#14
Allyl chloride
Concen: 136.326 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX043105.D
Acq: 23 Sep 2024 10:42



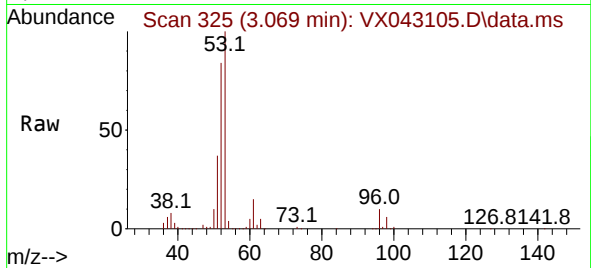
Tgt Ion: 41 Resp: 258959
Ion Ratio Lower Upper
41 100
39 78.5 61.7 92.5
76 35.6 29.0 43.6





#15
Acrylonitrile
Concen: 761.974 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX043105.D
Acq: 23 Sep 2024 10:42

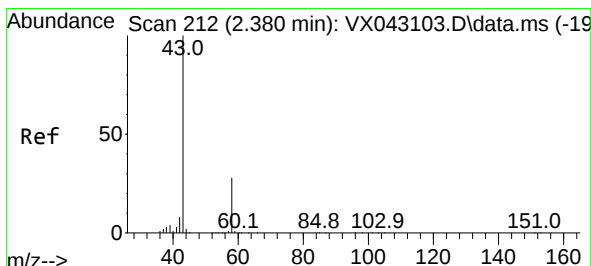
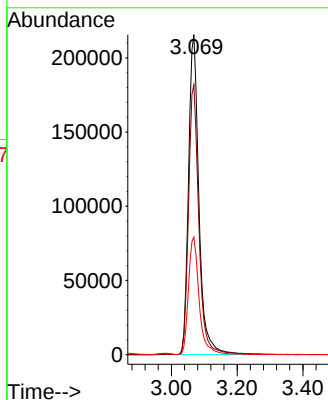
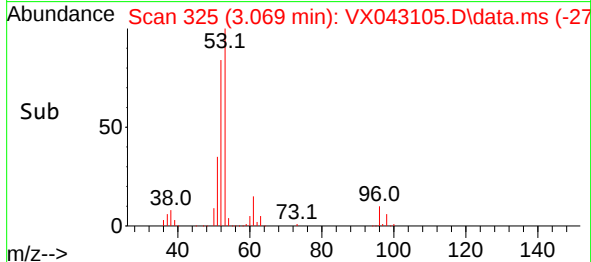
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 53 Resp: 47316
Ion Ratio Lower Upper
53 100
52 83.8 67.8 101.6
51 37.8 30.6 45.8

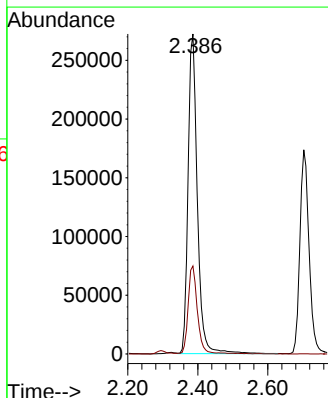
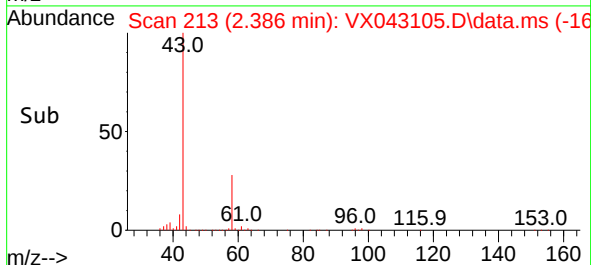
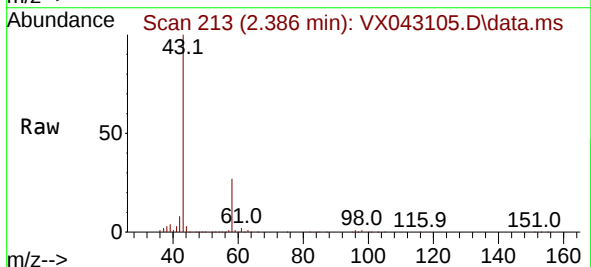
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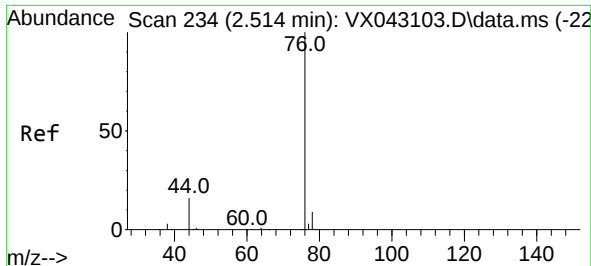
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#16
Acetone
Concen: 665.648 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX043105.D
Acq: 23 Sep 2024 10:42

Tgt Ion: 43 Resp: 499113
Ion Ratio Lower Upper
43 100
58 27.5 22.6 34.0





#17

Carbon Disulfide

Concen: 151.824 ug/l

RT: 2.508 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX043105.D

Acq: 23 Sep 2024 10:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 76 Resp: 386064

Ion Ratio Lower Upper

76 100

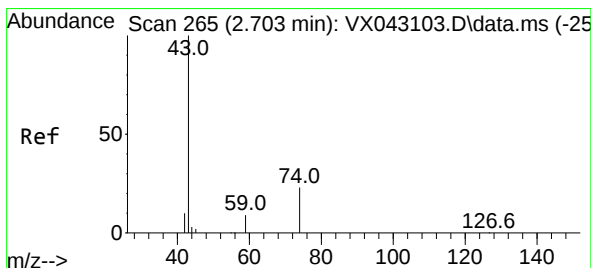
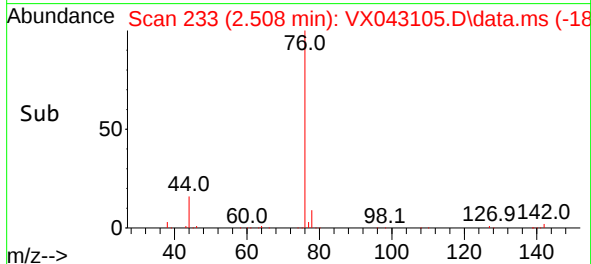
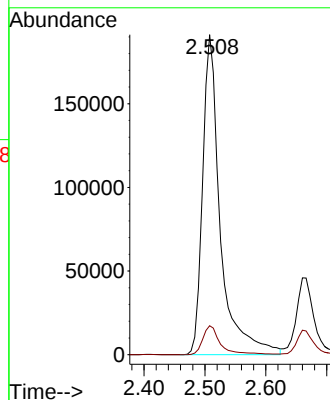
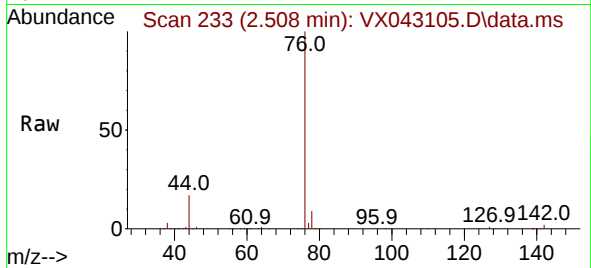
78 9.0 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2024

Supervised By :Mahesh Dadoda 09/24/2024



#18

Methyl Acetate

Concen: 155.736 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX043105.D

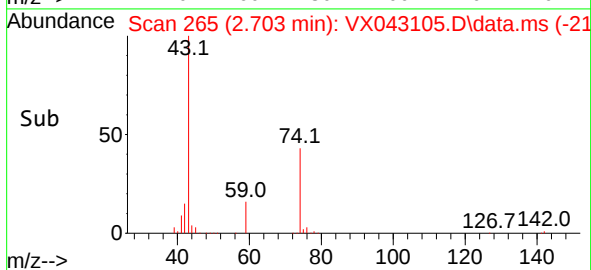
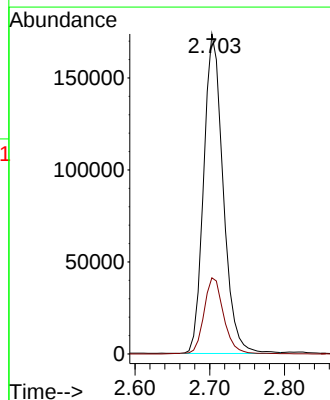
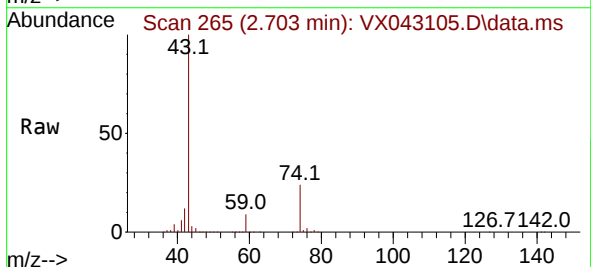
Acq: 23 Sep 2024 10:42

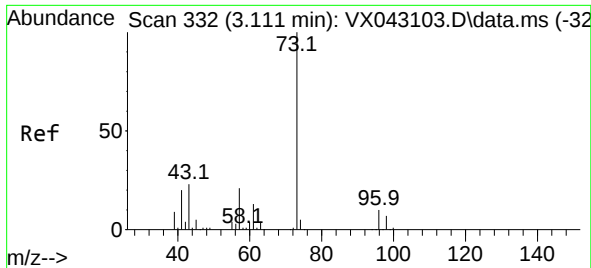
Tgt Ion: 43 Resp: 314299

Ion Ratio Lower Upper

43 100

74 24.3 19.2 28.8





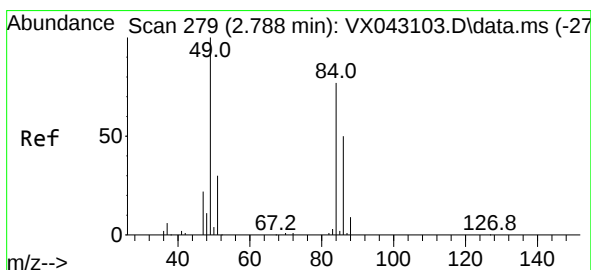
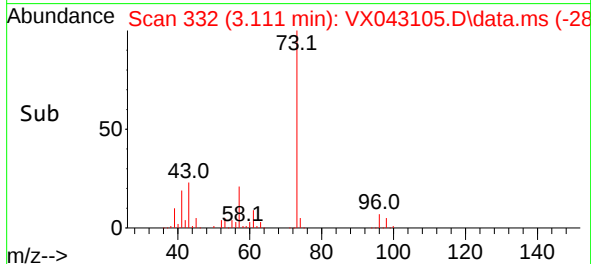
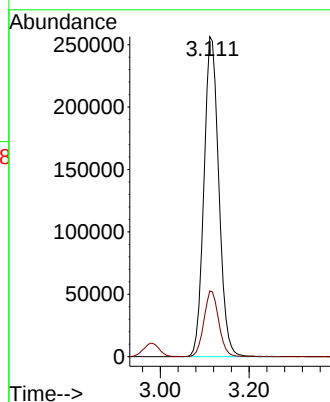
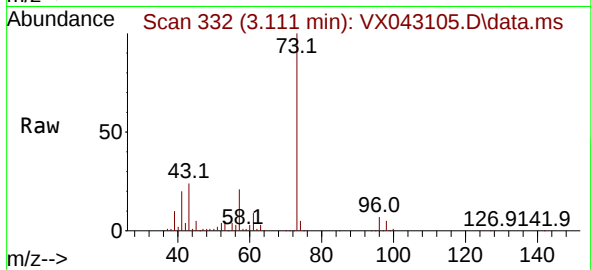
#19
Methyl tert-butyl Ether
Concen: 153.313 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX043105.D
Acq: 23 Sep 2024 10:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 73 Resp: 59760
Ion Ratio Lower Upper
73 100
57 20.6 17.0 25.4

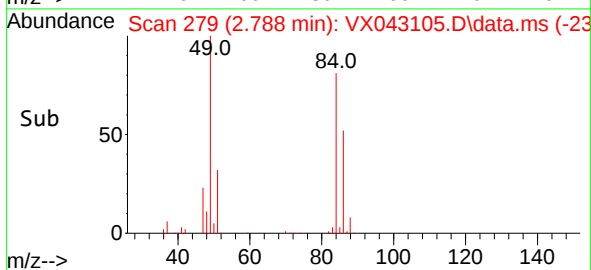
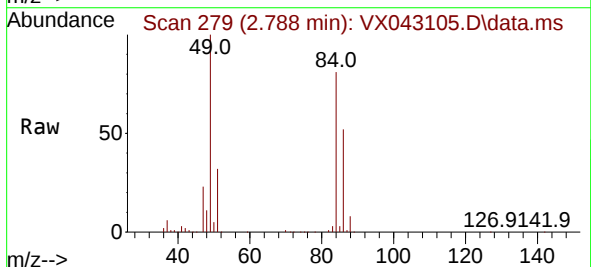
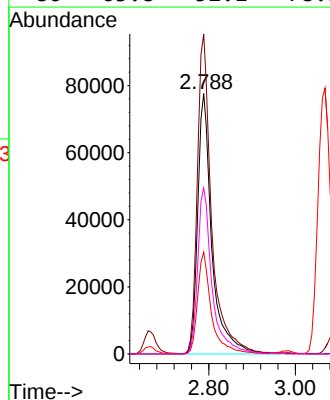
Manual Integrations
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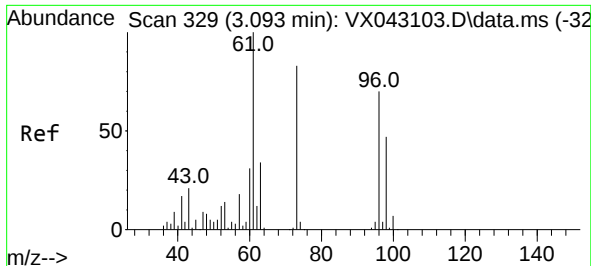
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#20
Methylene Chloride
Concen: 147.854 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX043105.D
Acq: 23 Sep 2024 10:42

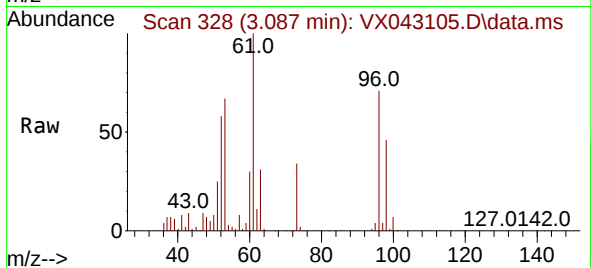
Tgt Ion: 84 Resp: 176379
Ion Ratio Lower Upper
84 100
49 122.8 104.1 156.1
51 39.1 31.1 46.7
86 63.8 52.1 78.1





#21
trans-1,2-Dichloroethene
Concen: 151.105 ug/l
RT: 3.087 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX043105.D
Acq: 23 Sep 2024 10:42

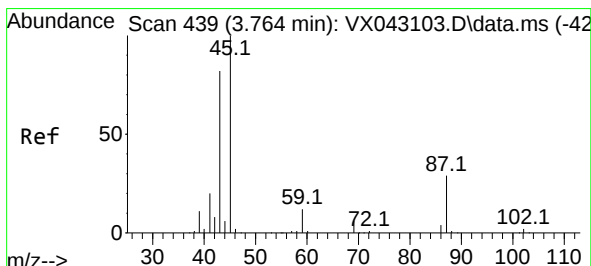
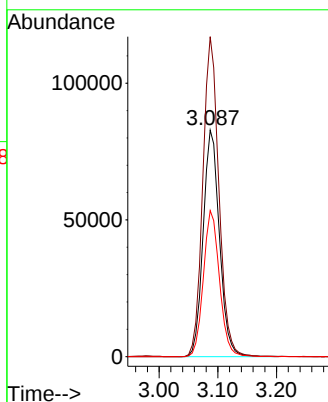
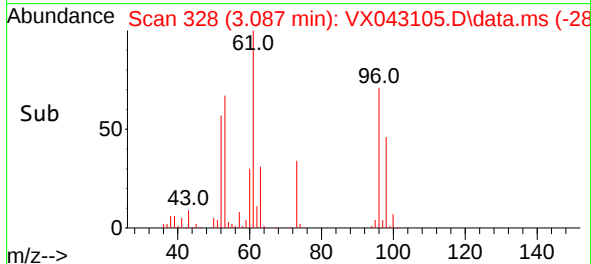
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



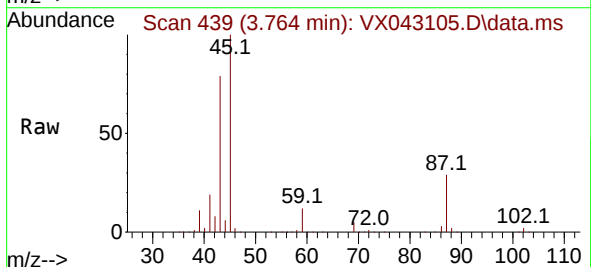
Tgt Ion: 96 Resp: 159948
Ion Ratio Lower Upper
96 100
61 141.2 114.5 171.7
98 64.5 53.8 80.6

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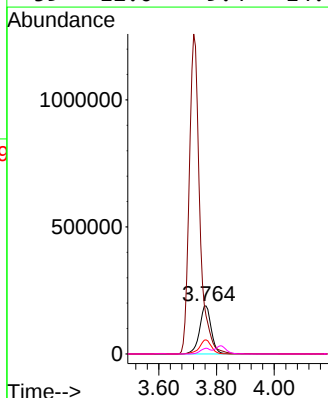
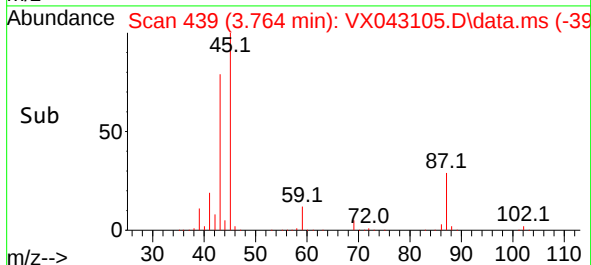
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#22
Diisopropyl ether
Concen: 149.437 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX043105.D
Acq: 23 Sep 2024 10:42



Tgt Ion: 45 Resp: 531524
Ion Ratio Lower Upper
45 100
43 79.4 65.8 98.6
87 29.3 23.1 34.7
59 12.0 9.4 14.0





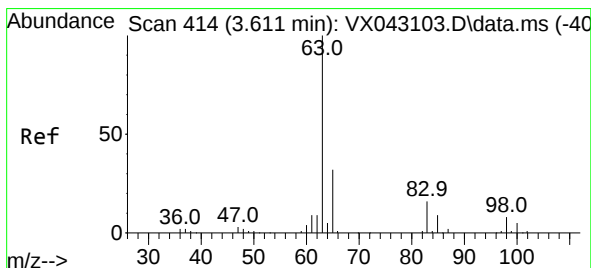
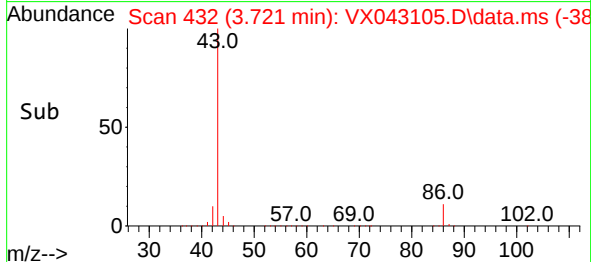
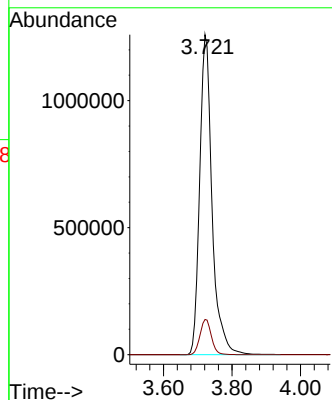
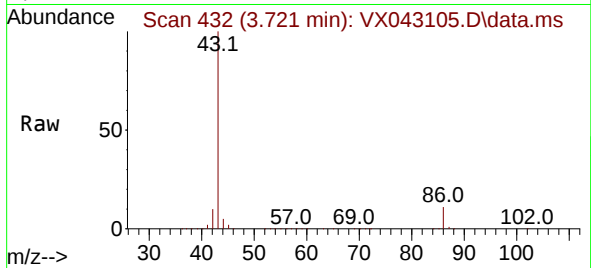
#23
 Vinyl Acetate
 Concen: 756.710 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX043105.D
 Acq: 23 Sep 2024 10:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion: 43 Resp: 316615
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.6 12.8

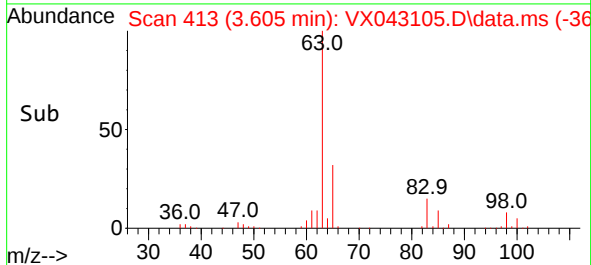
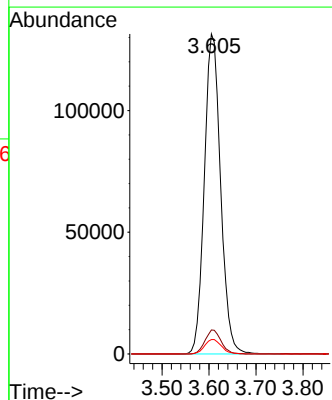
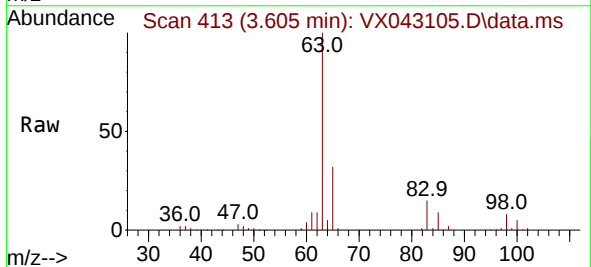
Manual Integrations
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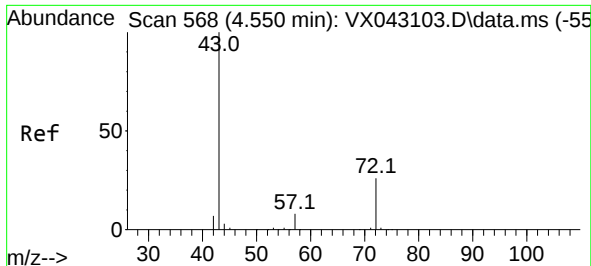
Reviewed By :John Carlone 09/24/2024
 Supervised By :Mahesh Dadoda 09/24/2024



#24
 1,1-Dichloroethane
 Concen: 153.357 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX043105.D
 Acq: 23 Sep 2024 10:42

Tgt Ion: 63 Resp: 315375
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.9 11.5
 100 4.5 2.5 7.6





#25

2-Butanone

Concen: 730.318 ug/l

RT: 4.556 min Scan# 568

Delta R.T. 0.006 min

Lab File: VX043105.D

Acq: 23 Sep 2024 10:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 43 Resp: 705898

Ion Ratio Lower Upper

43 100

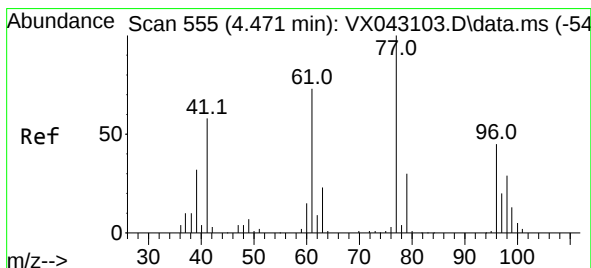
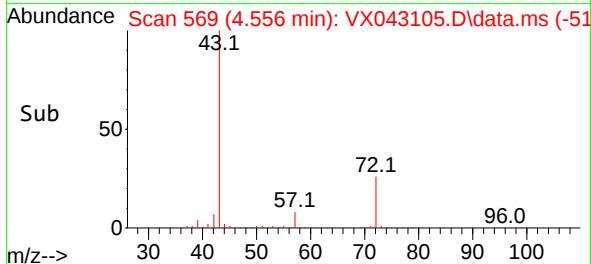
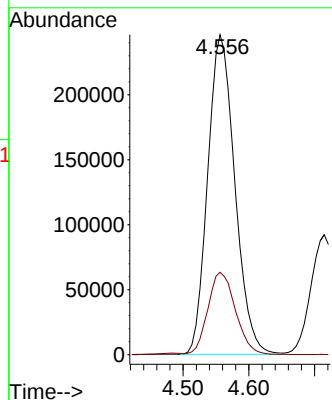
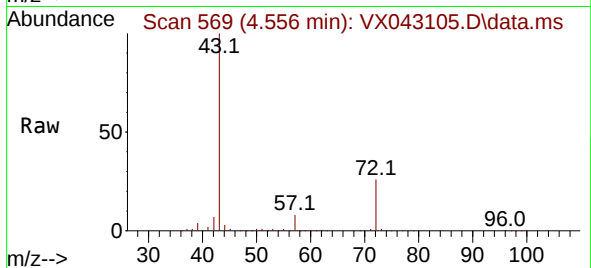
72 25.7 20.7 31.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2024

Supervised By :Mahesh Dadoda 09/24/2024



#26

2,2-Dichloropropane

Concen: 152.492 ug/l

RT: 4.471 min Scan# 555

Delta R.T. -0.000 min

Lab File: VX043105.D

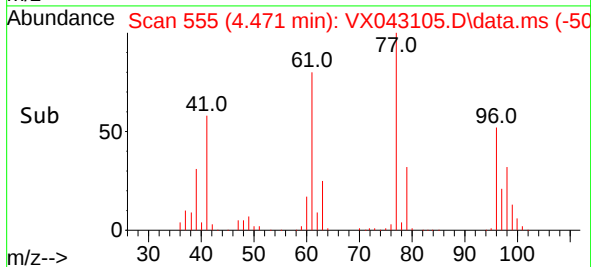
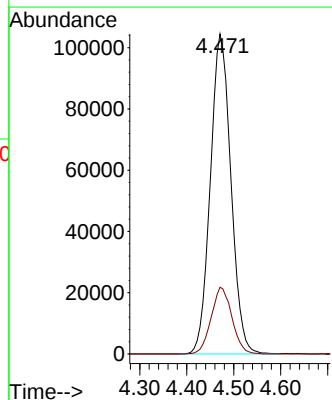
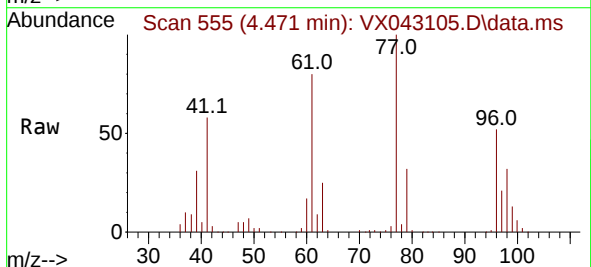
Acq: 23 Sep 2024 10:42

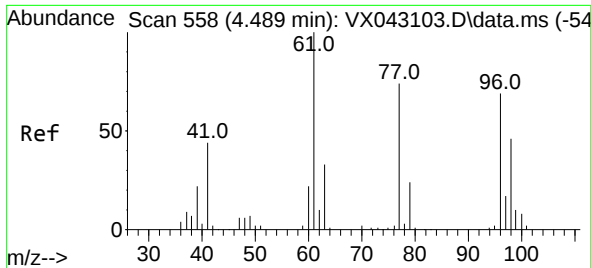
Tgt Ion: 77 Resp: 317398

Ion Ratio Lower Upper

77 100

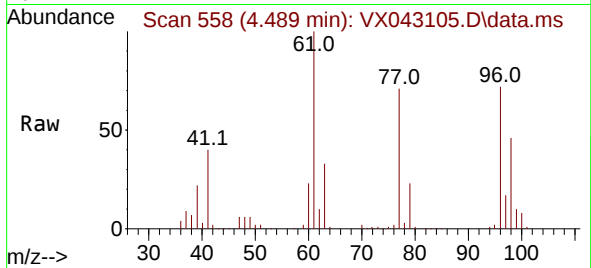
97 21.0 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 152.503 ug/l
 RT: 4.489 min Scan# 558
 Delta R.T. -0.000 min
 Lab File: VX043105.D
 Acq: 23 Sep 2024 10:42

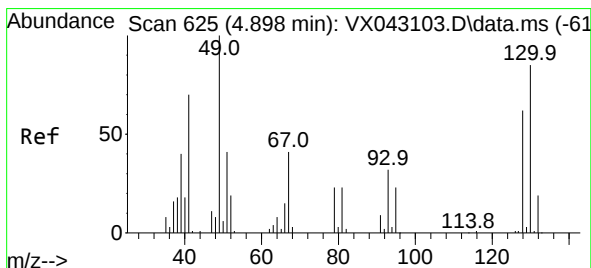
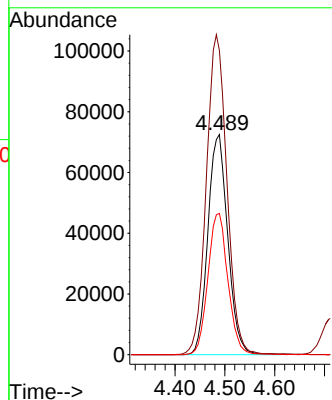
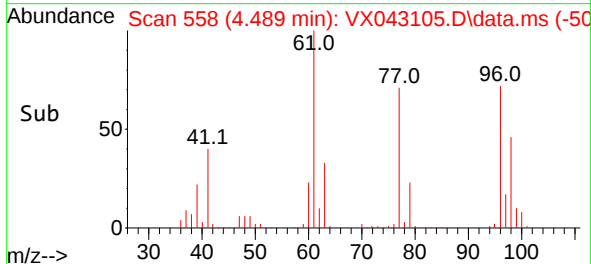
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150



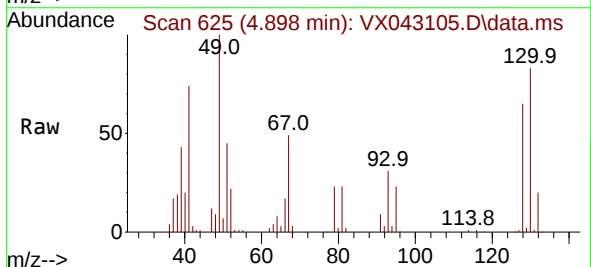
Tgt Ion: 96 Resp: 200962
 Ion Ratio Lower Upper
 96 100
 61 150.5 0.0 297.8
 98 64.6 0.0 131.2

Manual Integrations
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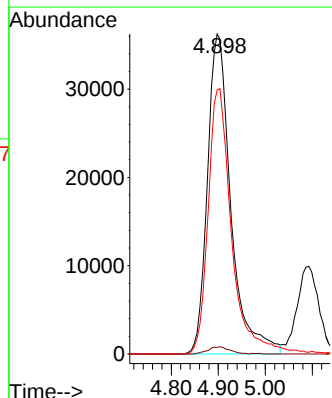
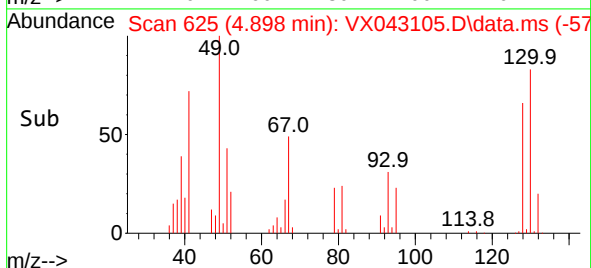
Reviewed By :John Carlone 09/24/2024
 Supervised By :Mahesh Dadoda 09/24/2024

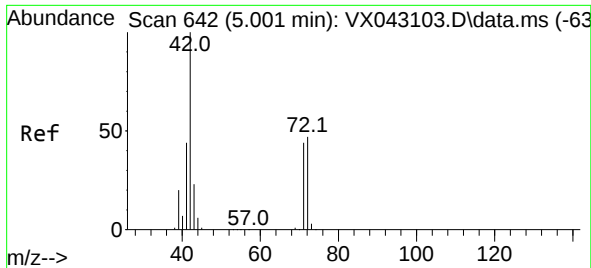


#28
 Bromochloromethane
 Concen: 138.896 ug/l
 RT: 4.898 min Scan# 625
 Delta R.T. -0.000 min
 Lab File: VX043105.D
 Acq: 23 Sep 2024 10:42



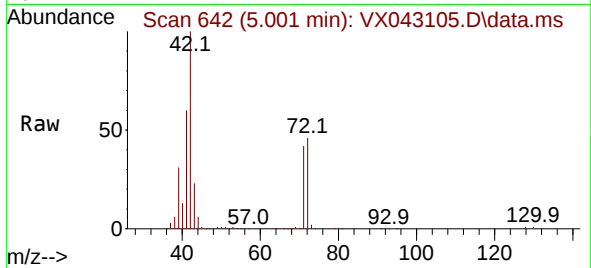
Tgt Ion: 49 Resp: 125735
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.2
 130 82.9 66.6 100.0





#29
Tetrahydrofuran
Concen: 732.046 ug/l
RT: 5.001 min Scan# 642
Delta R.T. -0.000 min
Lab File: VX043105.D
Acq: 23 Sep 2024 10:42

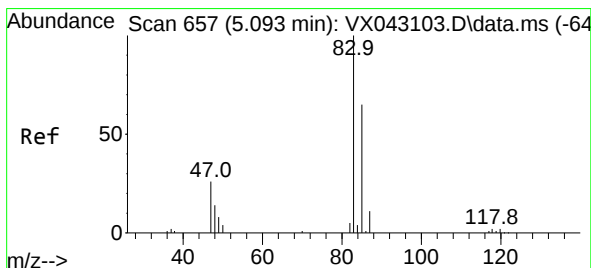
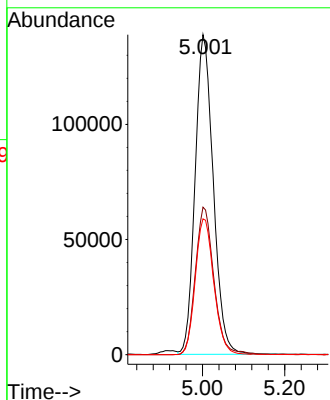
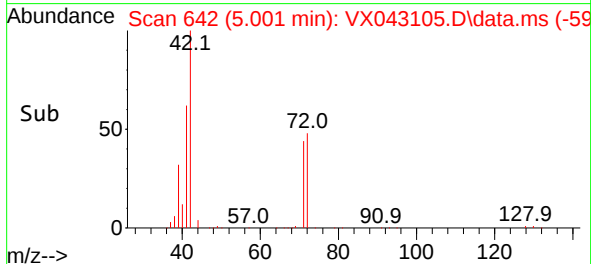
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 42 Resp: 42552
Ion Ratio Lower Upper
42 100
72 47.2 37.6 56.4
71 43.5 34.8 52.2

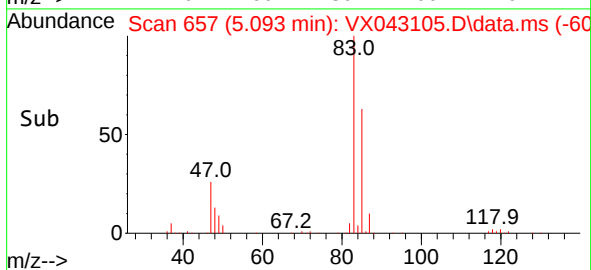
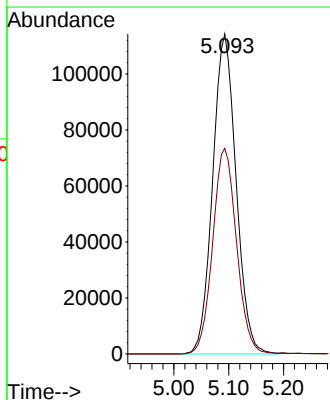
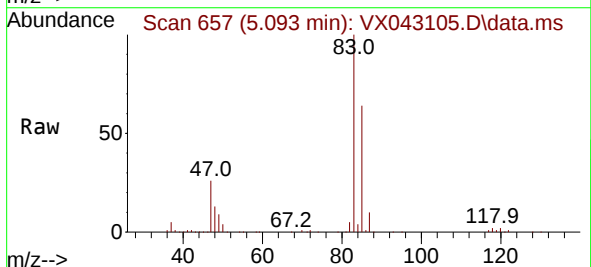
Manual Integrations
APPROVED

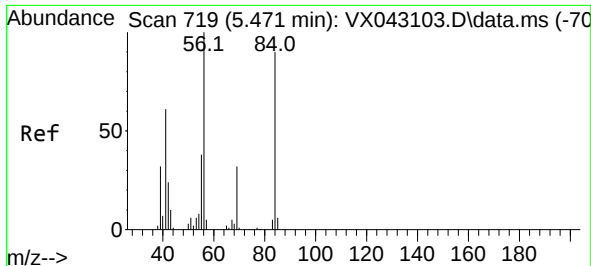
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#30
Chloroform
Concen: 149.588 ug/l
RT: 5.093 min Scan# 657
Delta R.T. -0.000 min
Lab File: VX043105.D
Acq: 23 Sep 2024 10:42

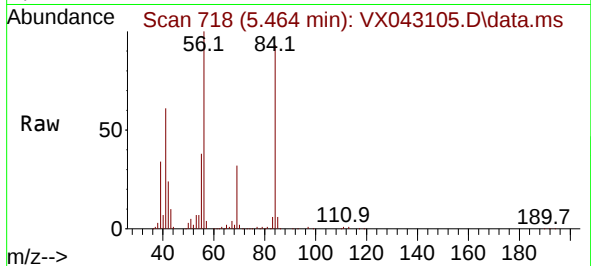
Tgt Ion: 83 Resp: 339186
Ion Ratio Lower Upper
83 100
85 64.2 52.4 78.6





#31
Cyclohexane
Concen: 149.269 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX043105.D
Acq: 23 Sep 2024 10:42

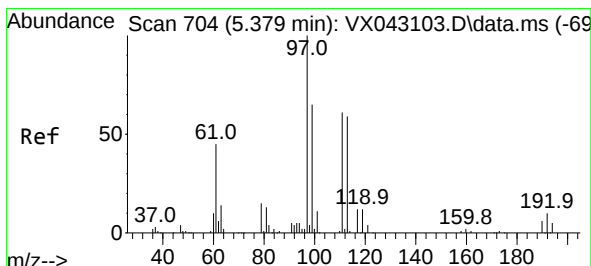
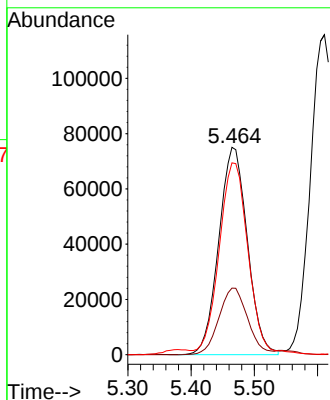
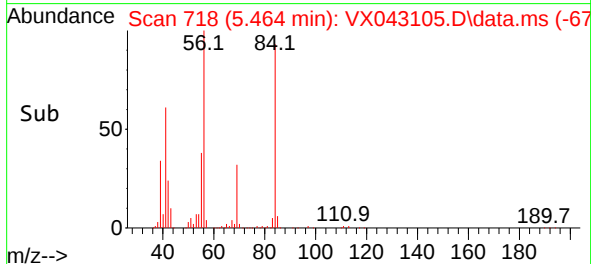
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 56 Resp: 23536
Ion Ratio Lower Upper
56 100
69 32.1 25.8 38.6
84 90.8 72.4 108.6

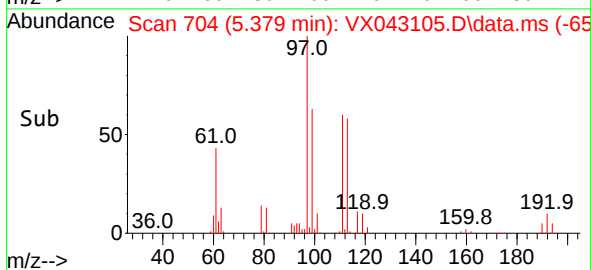
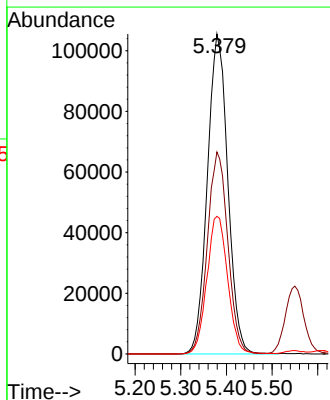
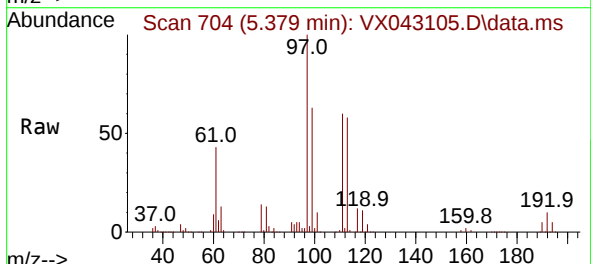
Manual Integrations
APPROVED

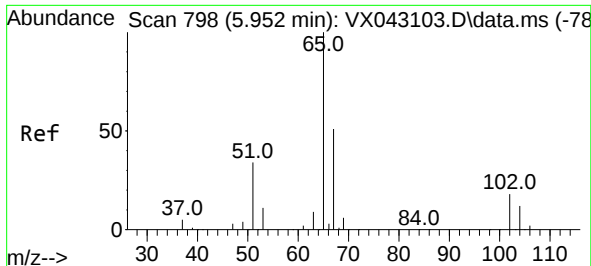
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#32
1,1,1-Trichloroethane
Concen: 152.701 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX043105.D
Acq: 23 Sep 2024 10:42

Tgt Ion: 97 Resp: 327982
Ion Ratio Lower Upper
97 100
99 63.3 51.2 76.8
61 43.9 35.1 52.7





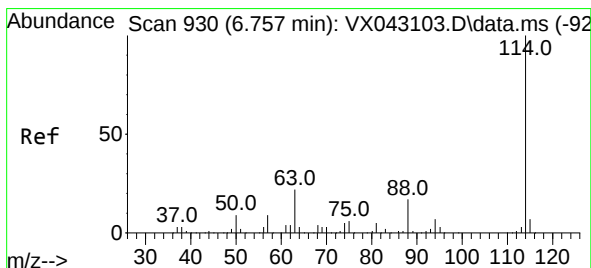
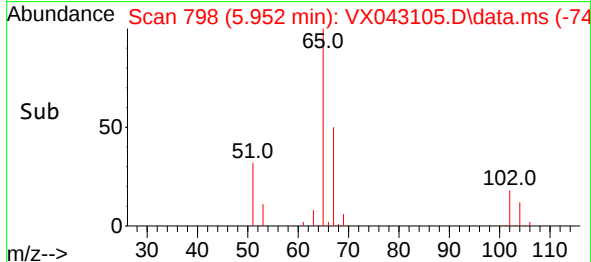
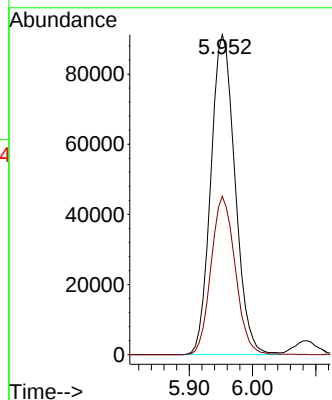
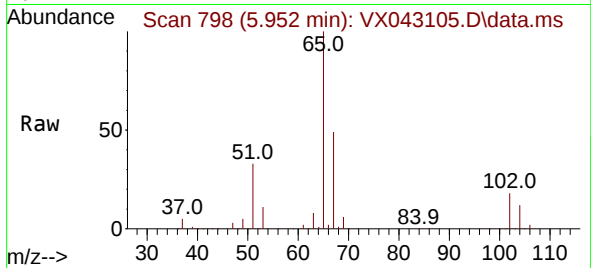
#33
1,2-Dichloroethane-d4
Concen: 151.768 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX043105.D
Acq: 23 Sep 2024 10:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 65 Resp: 243334
Ion Ratio Lower Upper
65 100
67 49.4 0.0 99.0

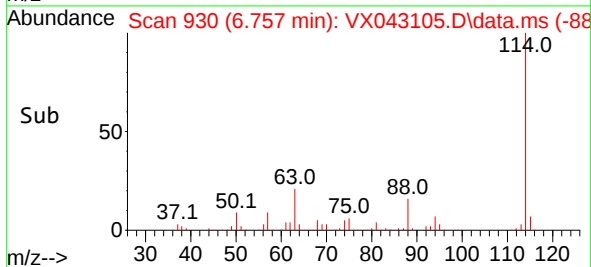
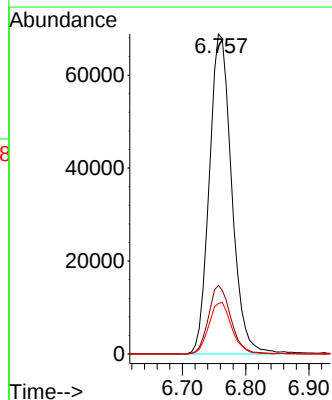
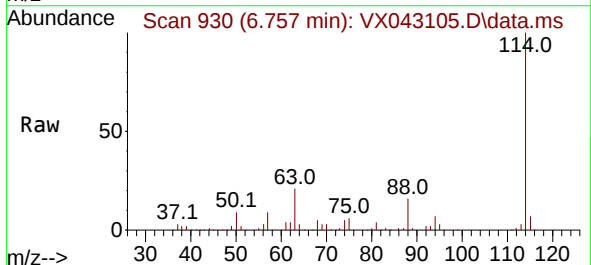
Manual Integrations
APPROVED

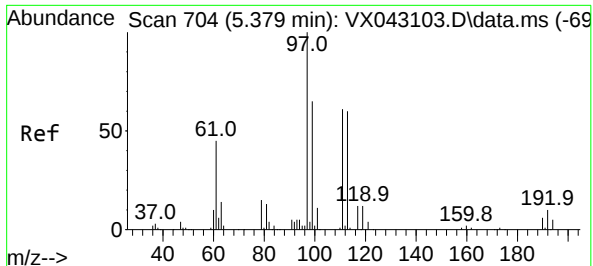
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX043105.D
Acq: 23 Sep 2024 10:42

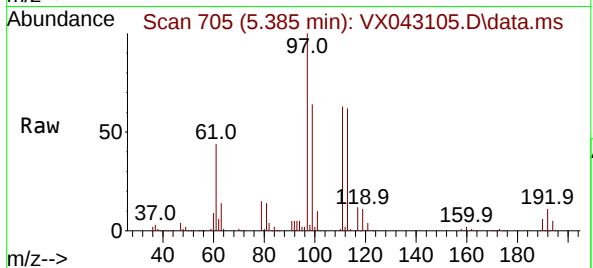
Tgt Ion:114 Resp: 169065
Ion Ratio Lower Upper
114 100
63 21.5 0.0 43.2
88 15.8 0.0 33.4





#35
Dibromofluoromethane
Concen: 152.996 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX043105.D
Acq: 23 Sep 2024 10:42

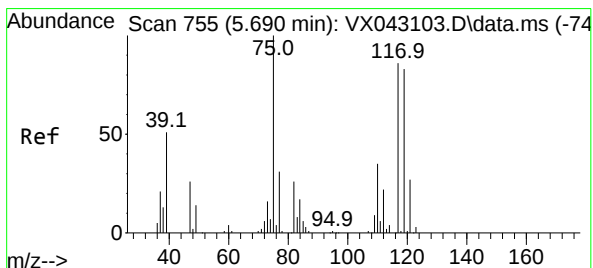
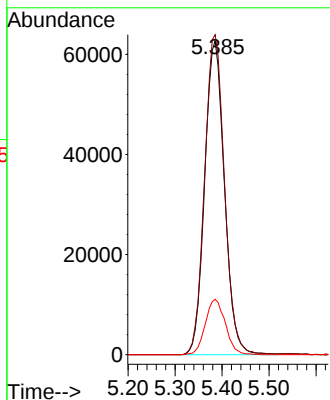
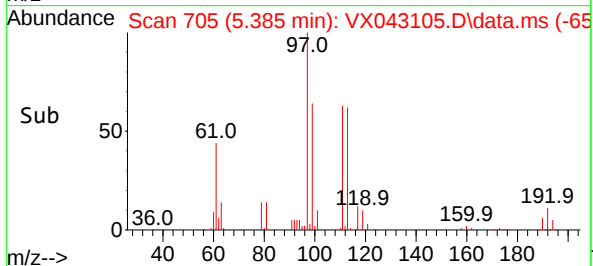
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 113 Resp: 182469
Ion Ratio Lower Upper
113 100
111 103.1 82.6 124.0
192 18.0 14.6 22.0

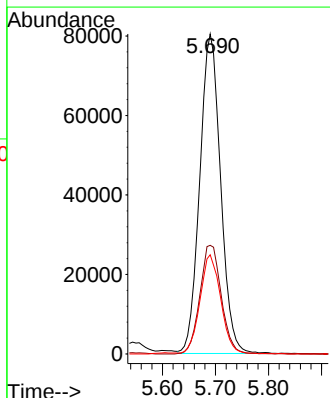
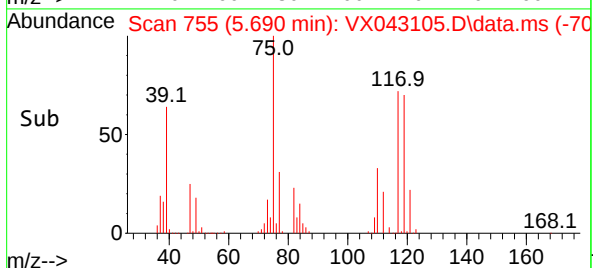
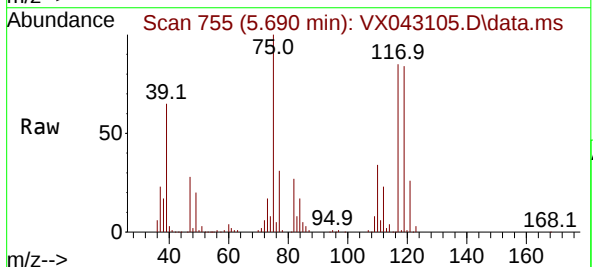
Manual Integrations
APPROVED

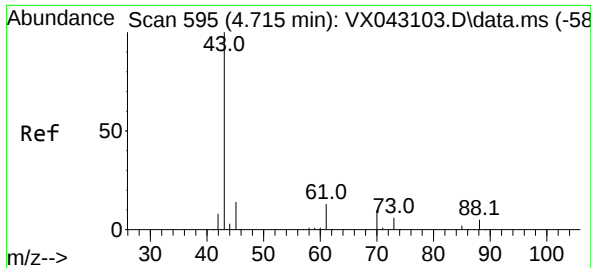
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#36
1,1-Dichloropropene
Concen: 149.584 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX043105.D
Acq: 23 Sep 2024 10:42

Tgt Ion: 75 Resp: 219212
Ion Ratio Lower Upper
75 100
110 35.0 17.8 53.4
77 31.2 25.2 37.8





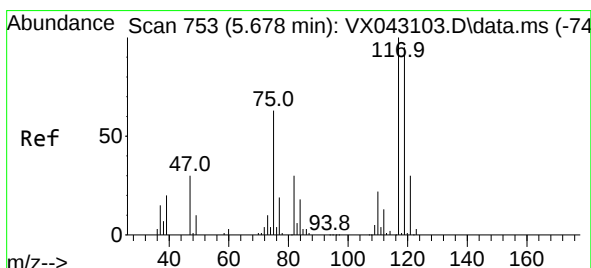
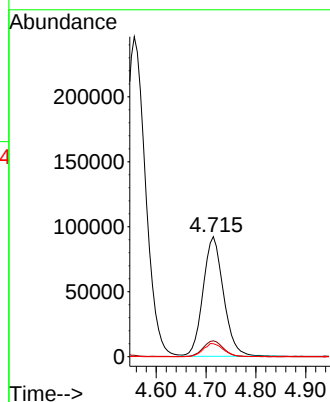
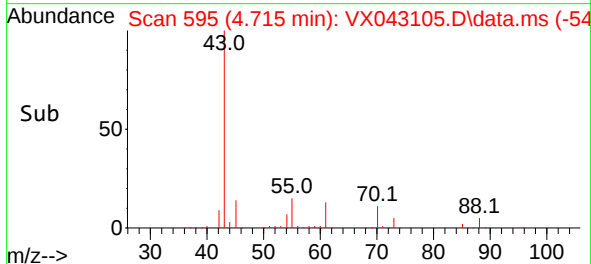
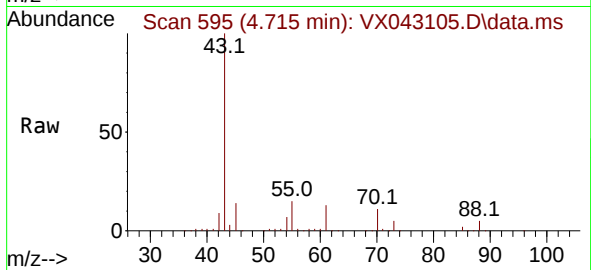
#37
Ethyl Acetate
Concen: 142.499 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX043105.D
Acq: 23 Sep 2024 10:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 262300
Ion Ratio Lower Upper
43 100
61 13.3 10.9 16.3
70 11.0 8.6 13.0

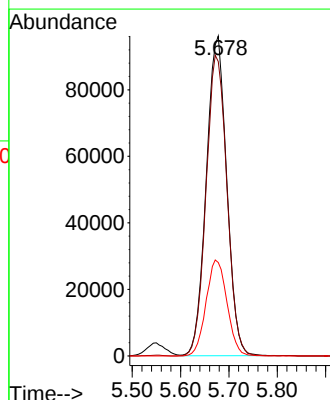
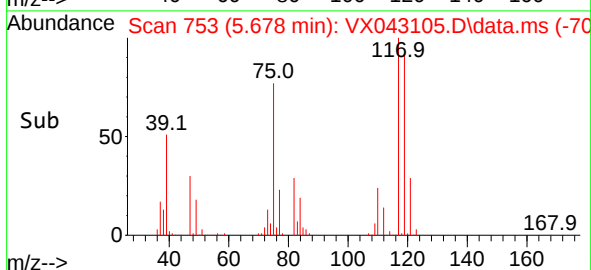
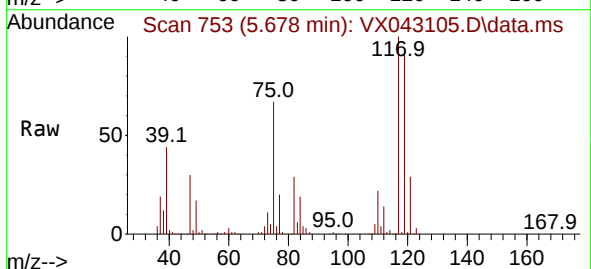
Manual Integrations
APPROVED

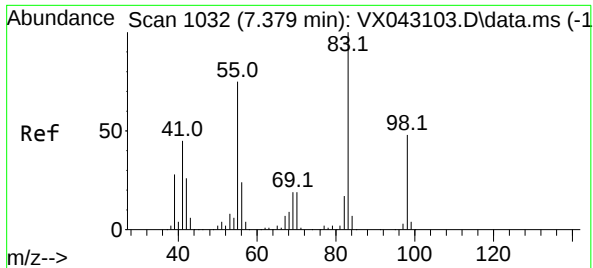
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#38
Carbon Tetrachloride
Concen: 149.671 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX043105.D
Acq: 23 Sep 2024 10:42

Tgt Ion:117 Resp: 282546
Ion Ratio Lower Upper
117 100
119 92.0 75.5 113.3
121 29.3 24.2 36.2





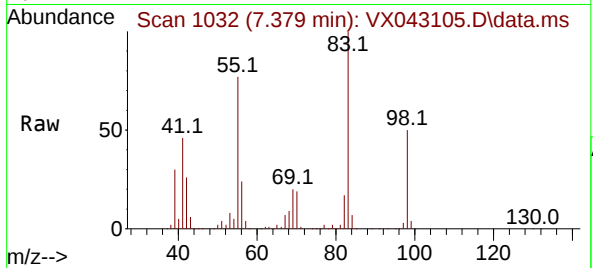
#39
Methylcyclohexane
Concen: 148.011 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX043105.D
Acq: 23 Sep 2024 10:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150



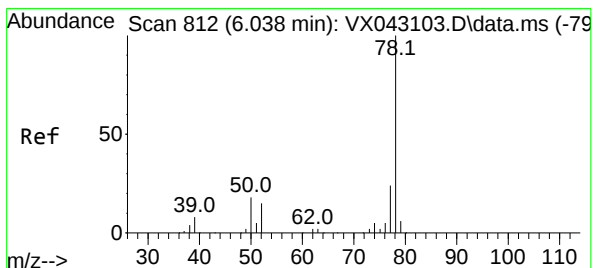
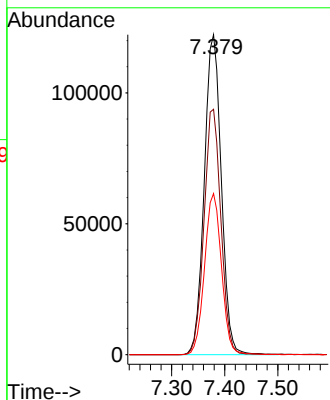
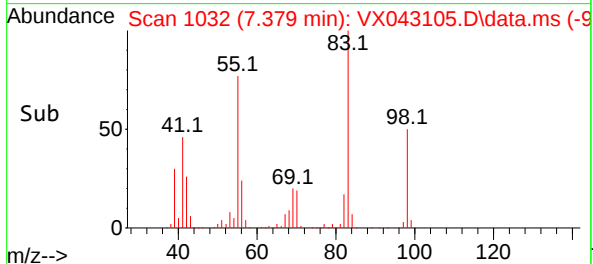
Tgt Ion: 83 Resp: 272219
Ion Ratio Lower Upper
83 100
55 76.7 60.2 90.4
98 50.3 38.6 58.0

Manual Integrations

APPROVED

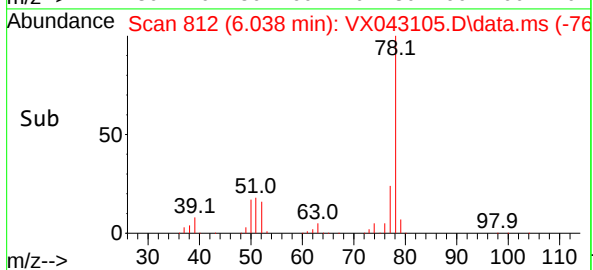
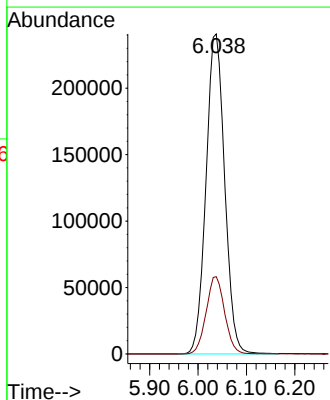
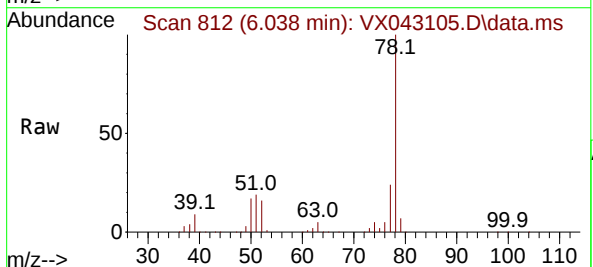
Reviewed By :John Carlone 09/24/2024

Supervised By :Mahesh Dadoda 09/24/2024



#40
Benzene
Concen: 149.122 ug/l
RT: 6.038 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX043105.D
Acq: 23 Sep 2024 10:42

Tgt Ion: 78 Resp: 644844
Ion Ratio Lower Upper
78 100
77 24.1 19.3 28.9





#41
Methacrylonitrile
Concen: 160.994 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX043105.D
Acq: 23 Sep 2024 10:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

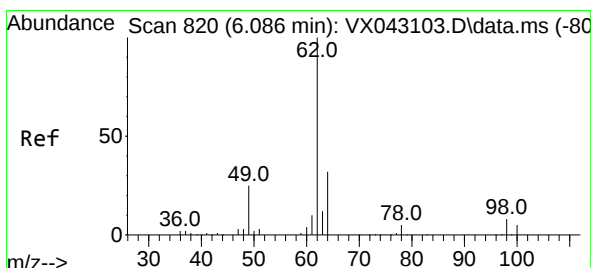
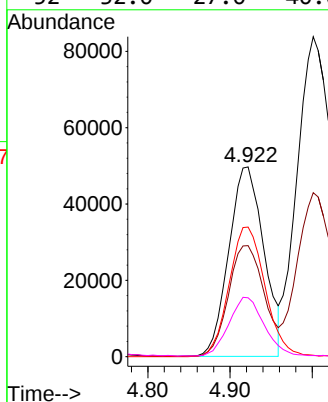
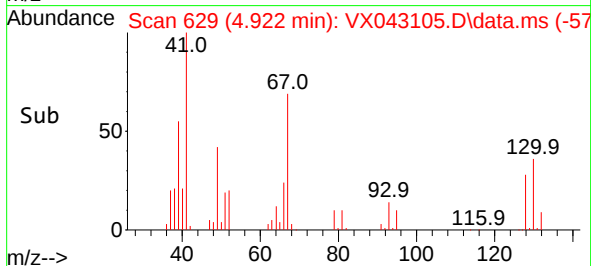
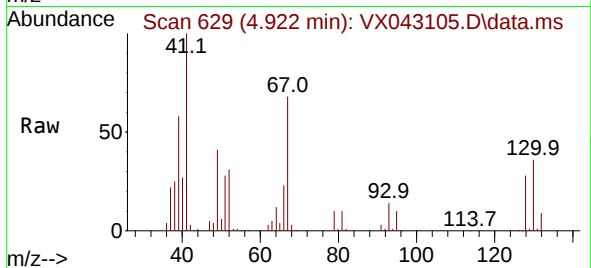
Tgt Ion: 41 Resp: 147328
Ion Ratio Lower Upper
41 100
39 59.4 46.8 70.2
67 70.4 57.0 85.6
52 32.0 27.0 40.6

Manual Integrations

APPROVED

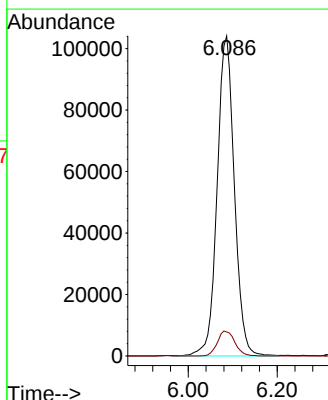
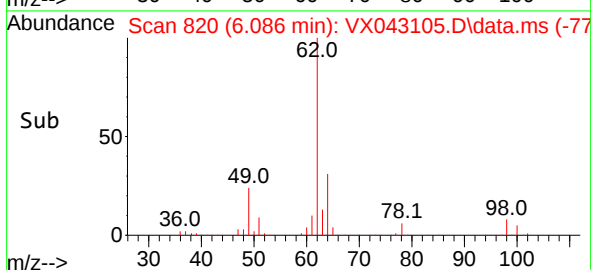
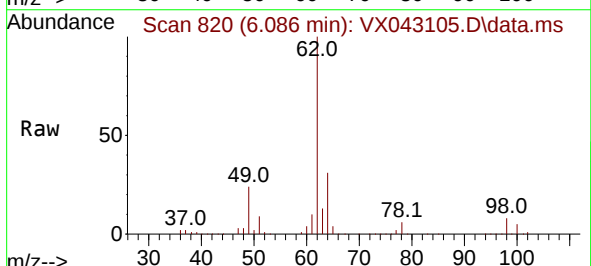
Reviewed By :John Carlone 09/24/2024

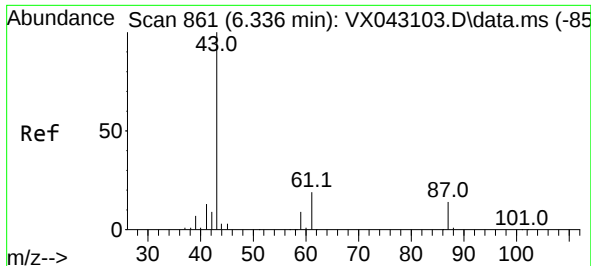
Supervised By :Mahesh Dadoda 09/24/2024



#42
1,2-Dichloroethane
Concen: 151.942 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX043105.D
Acq: 23 Sep 2024 10:42

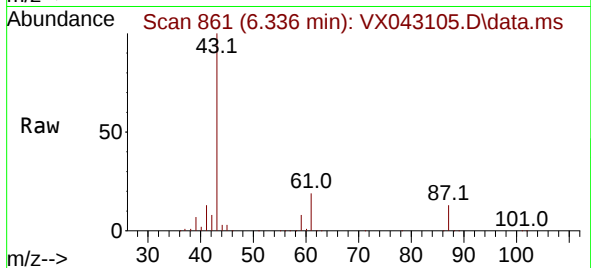
Tgt Ion: 62 Resp: 278986
Ion Ratio Lower Upper
62 100
98 7.9 0.0 16.6





#43
Isopropyl Acetate
Concen: 152.659 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX043105.D
Acq: 23 Sep 2024 10:42

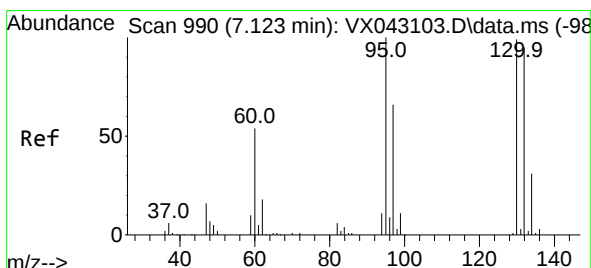
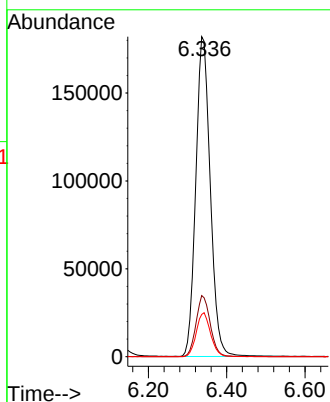
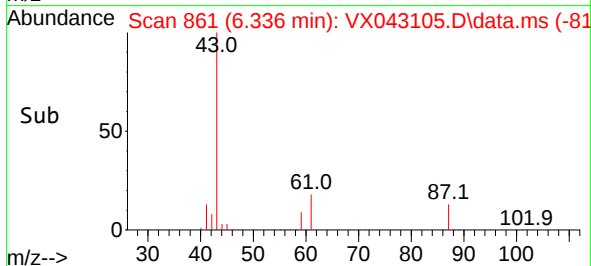
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 43 Resp: 469359
Ion Ratio Lower Upper
43 100
61 18.8 15.0 22.6
87 13.6 10.6 16.0

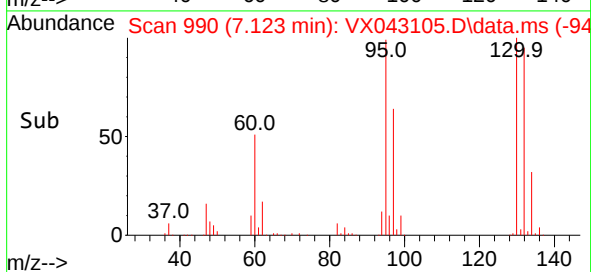
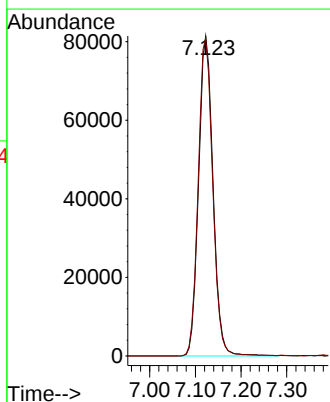
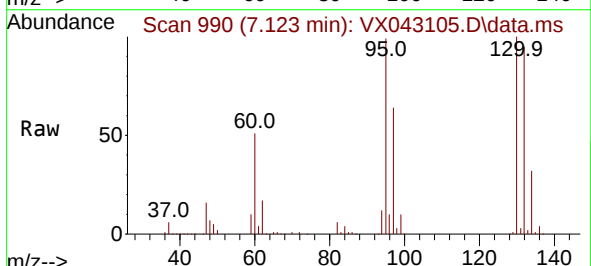
Manual Integrations
APPROVED

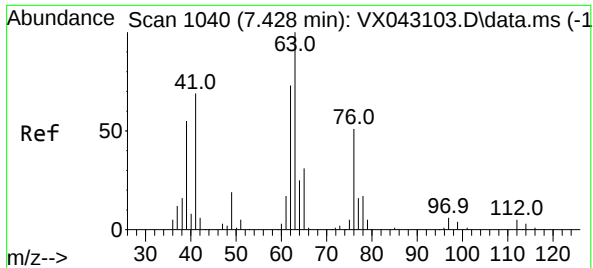
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#44
Trichloroethene
Concen: 151.257 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX043105.D
Acq: 23 Sep 2024 10:42

Tgt Ion:130 Resp: 178963
Ion Ratio Lower Upper
130 100
95 99.3 0.0 201.6





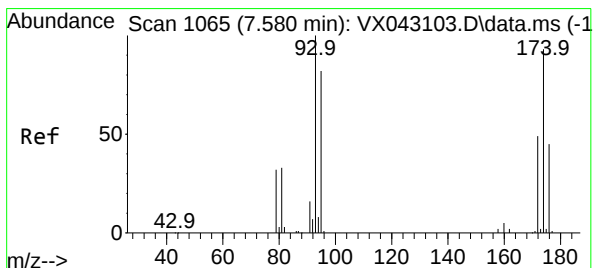
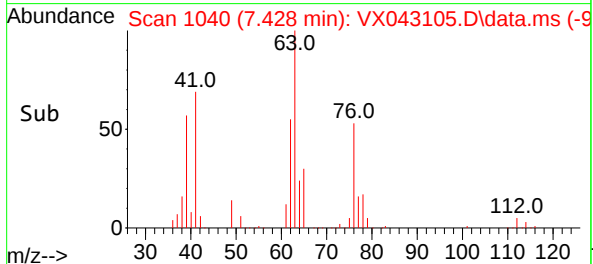
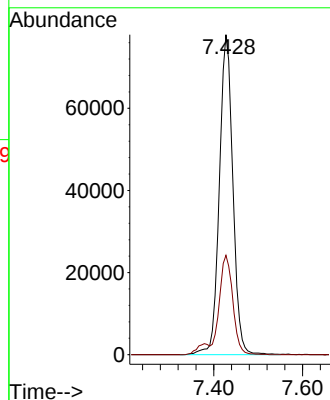
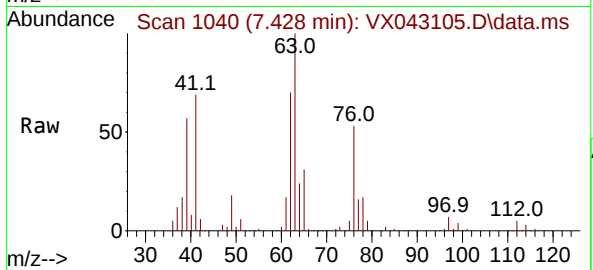
#45
1,2-Dichloropropane
Concen: 152.379 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX043105.D
Acq: 23 Sep 2024 10:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 63 Resp: 16412
Ion Ratio Lower Upper
63 100
65 31.1 25.0 37.6

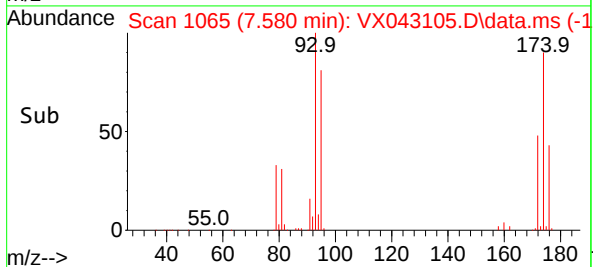
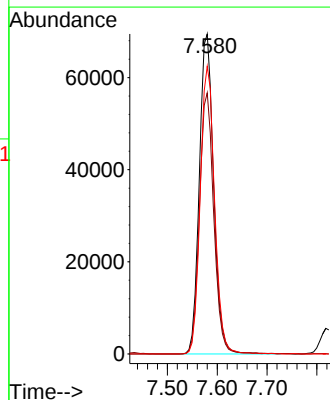
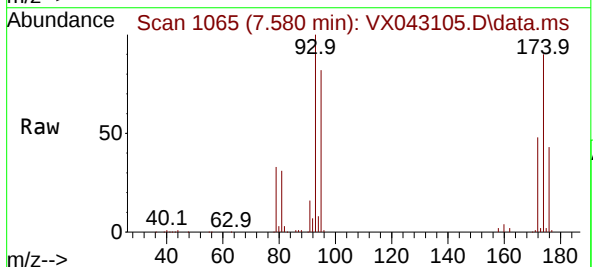
Manual Integrations
APPROVED

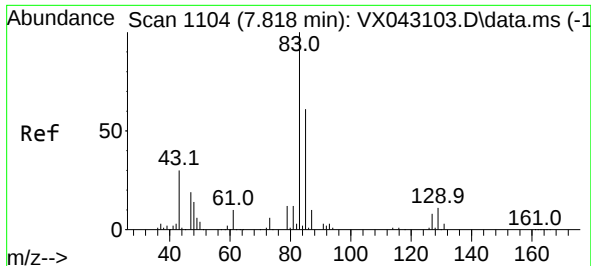
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#46
Dibromomethane
Concen: 152.789 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX043105.D
Acq: 23 Sep 2024 10:42

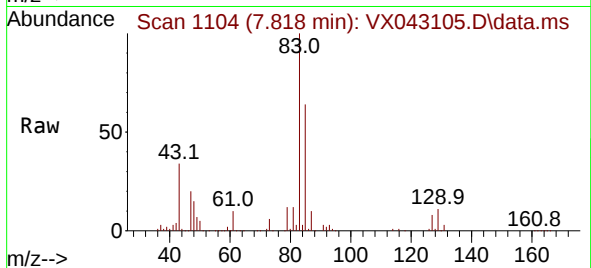
Tgt Ion: 93 Resp: 138573
Ion Ratio Lower Upper
93 100
95 81.5 67.1 100.7
174 90.4 75.4 113.2





#47
Bromodichloromethane
Concen: 154.294 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX043105.D
Acq: 23 Sep 2024 10:42

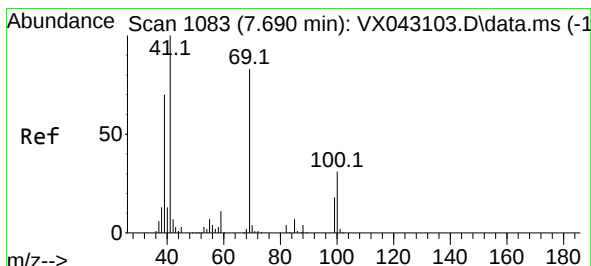
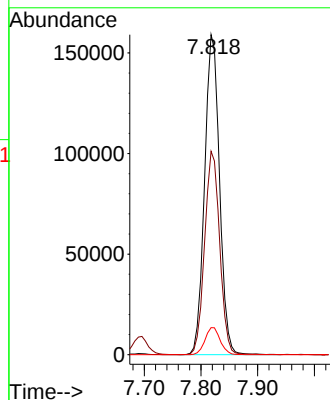
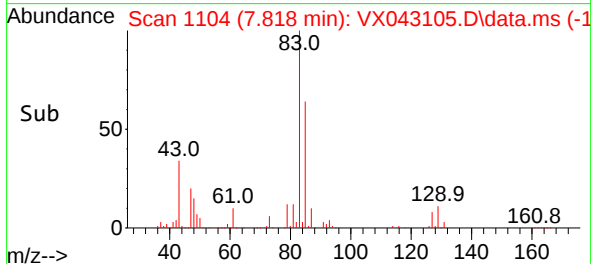
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 83 Resp: 290992
Ion Ratio Lower Upper
83 100
85 63.5 49.1 73.7
127 8.4 6.6 9.8

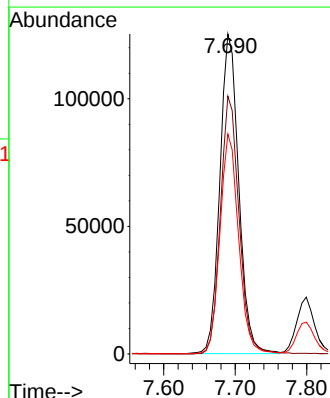
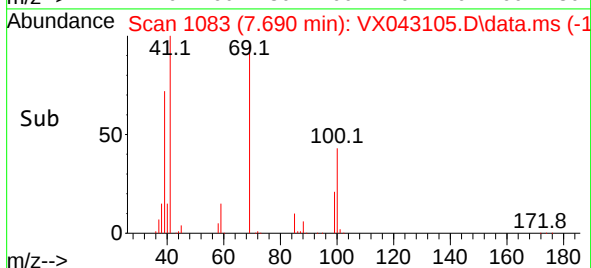
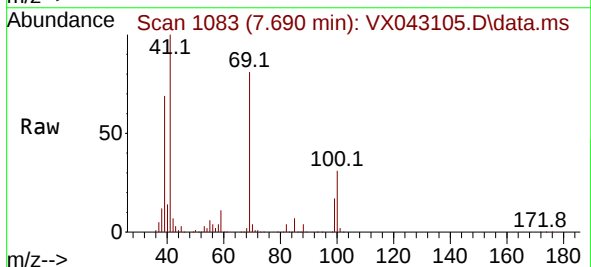
Manual Integrations
APPROVED

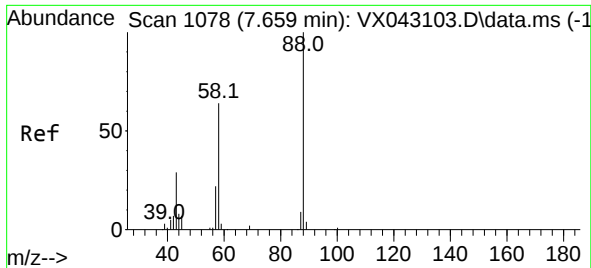
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#48
Methyl methacrylate
Concen: 152.035 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX043105.D
Acq: 23 Sep 2024 10:42

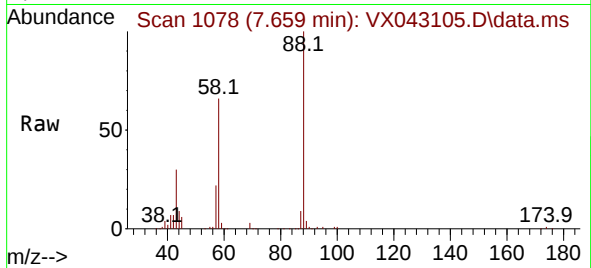
Tgt Ion: 41 Resp: 229595
Ion Ratio Lower Upper
41 100
69 80.0 65.0 97.6
39 68.0 55.0 82.6





#49
1,4-Dioxane
Concen: 2818.930 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.000 min
Lab File: VX043105.D
Acq: 23 Sep 2024 10:42

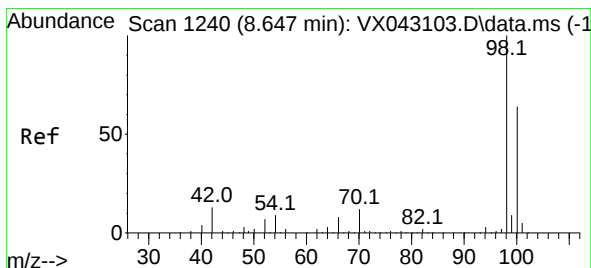
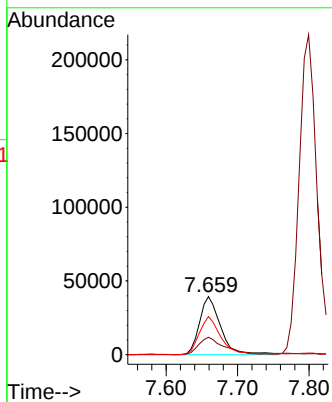
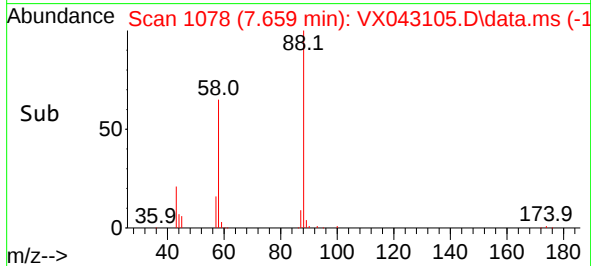
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 88 Resp: 8036
Ion Ratio Lower Upper
88 100
43 36.1 29.5 44.3
58 68.2 52.5 78.7

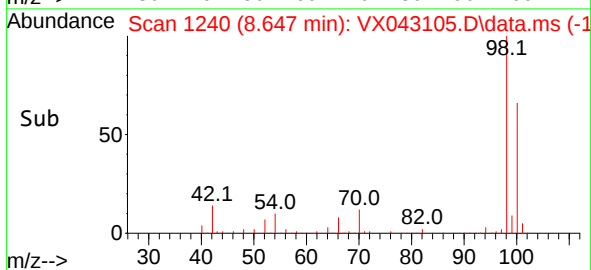
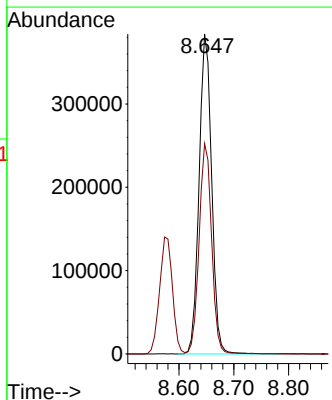
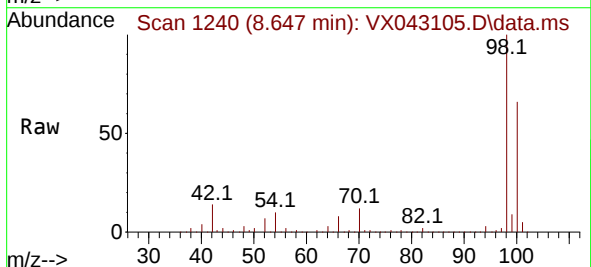
Manual Integrations
APPROVED

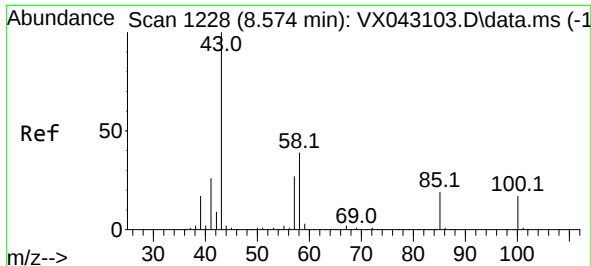
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#50
Toluene-d8
Concen: 151.355 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX043105.D
Acq: 23 Sep 2024 10:42

Tgt Ion: 98 Resp: 610711
Ion Ratio Lower Upper
98 100
100 65.5 52.2 78.4





#51
4-Methyl-2-Pentanone
Concen: 740.308 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX043105.D
Acq: 23 Sep 2024 10:42

Instrument :

MSVOA_X

ClientSampleId :

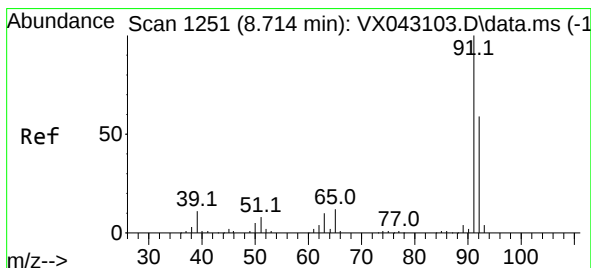
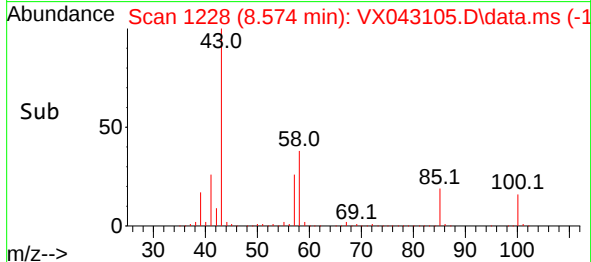
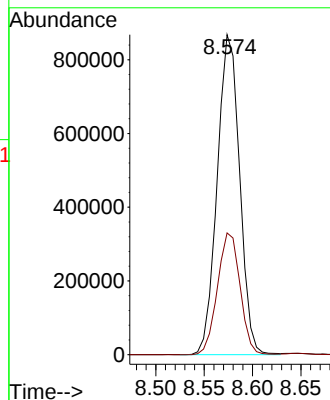
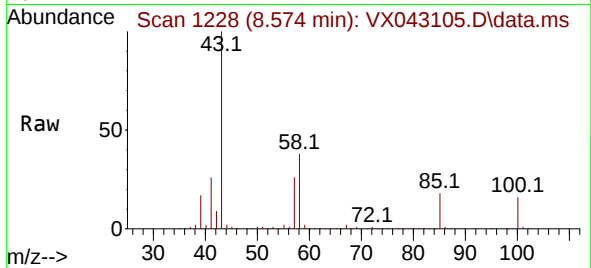
VSTDICC150

Tgt Ion: 43 Resp: 139829
Ion Ratio Lower Upper
43 100
58 38.3 30.3 45.5

Manual Integrations

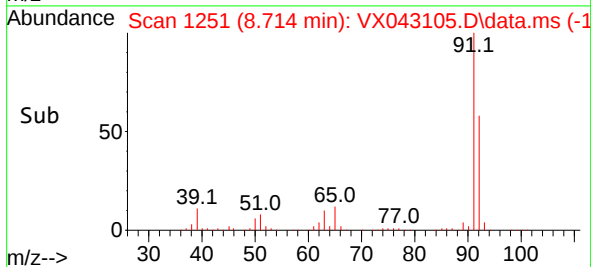
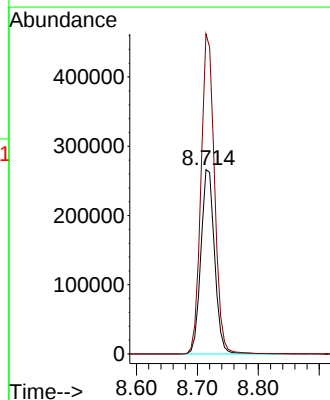
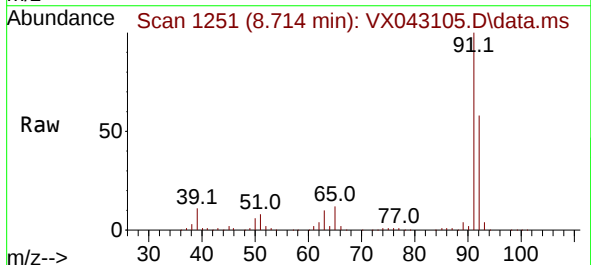
APPROVED

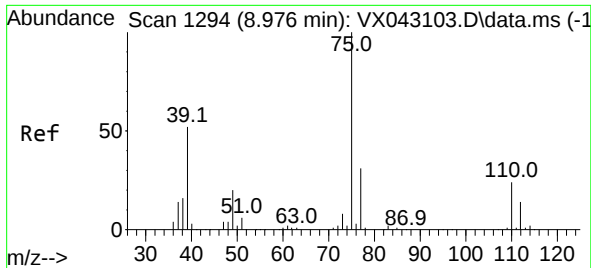
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#52
Toluene
Concen: 149.380 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX043105.D
Acq: 23 Sep 2024 10:42

Tgt Ion: 92 Resp: 415999
Ion Ratio Lower Upper
92 100
91 171.7 135.9 203.9





#53

t-1,3-Dichloropropene

Concen: 158.104 ug/l

RT: 8.976 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VX043105.D

Acq: 23 Sep 2024 10:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 75 Resp: 306089

Ion Ratio Lower Upper

75 100

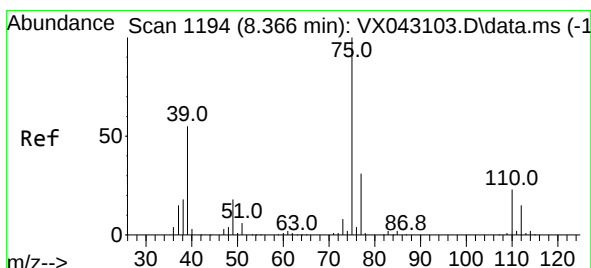
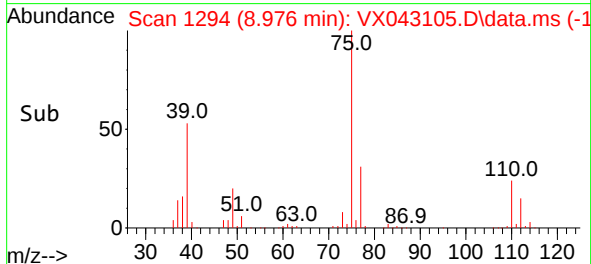
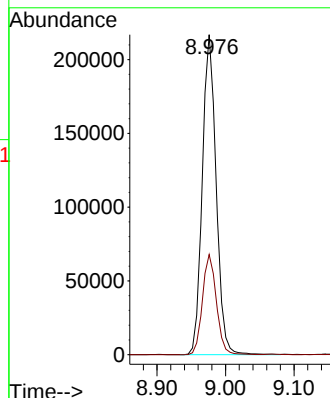
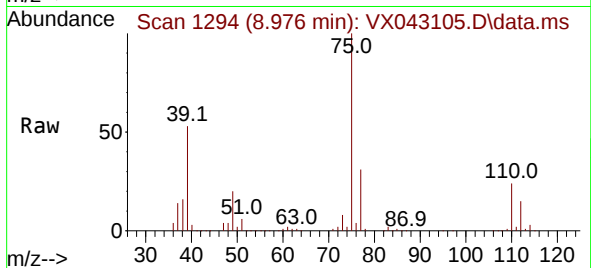
77 31.3 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2024

Supervised By :Mahesh Dadoda 09/24/2024



#54

cis-1,3-Dichloropropene

Concen: 157.179 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX043105.D

Acq: 23 Sep 2024 10:42

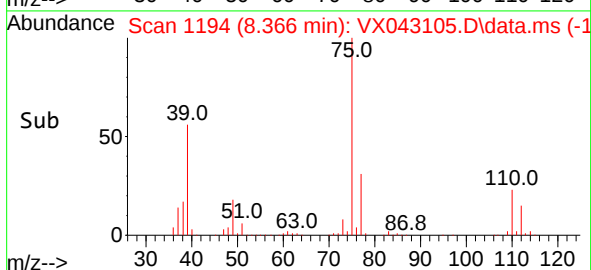
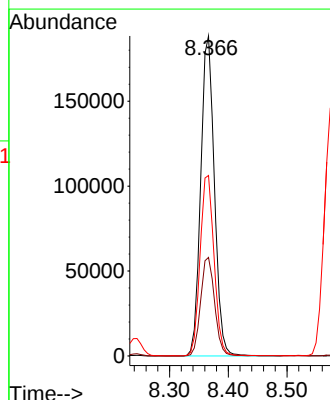
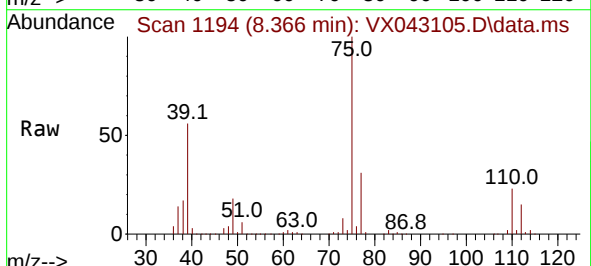
Tgt Ion: 75 Resp: 303895

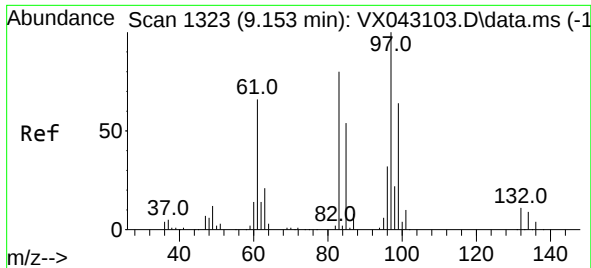
Ion Ratio Lower Upper

75 100

77 30.8 24.8 37.2

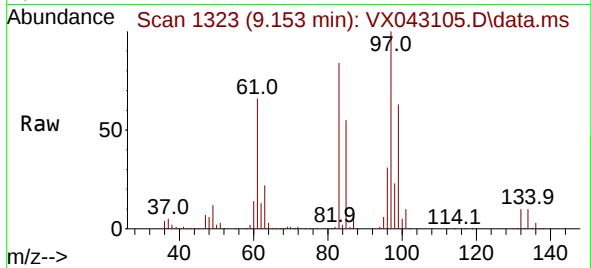
39 56.4 43.8 65.8





#55
1,1,2-Trichloroethane
Concen: 152.788 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX043105.D
Acq: 23 Sep 2024 10:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

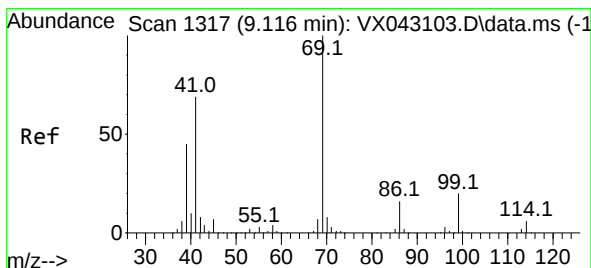
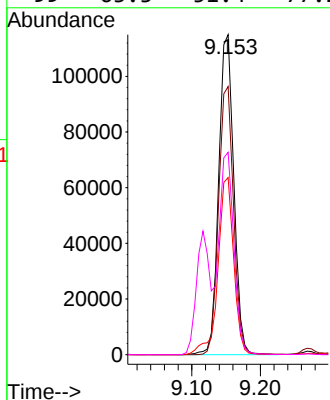
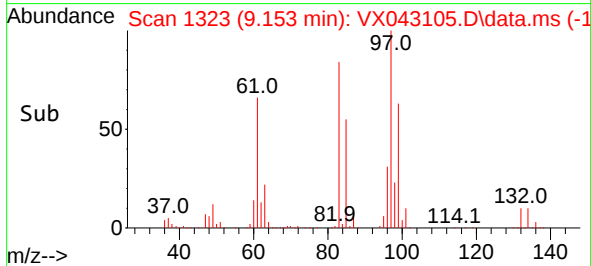


Tgt Ion: 97 Resp: 17518

Ion	Ratio	Lower	Upper
97	100		
83	83.8	64.2	96.4
85	55.4	43.0	64.6
99	63.3	51.4	77.2

Manual Integrations
APPROVED

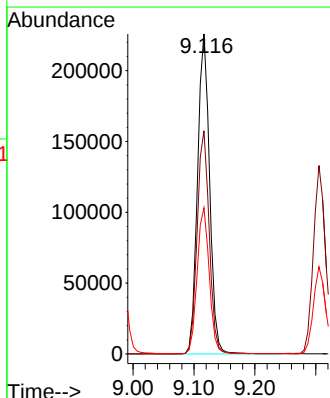
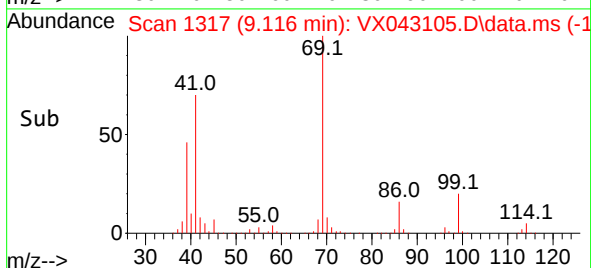
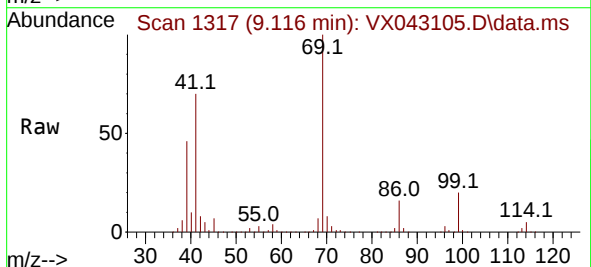
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024

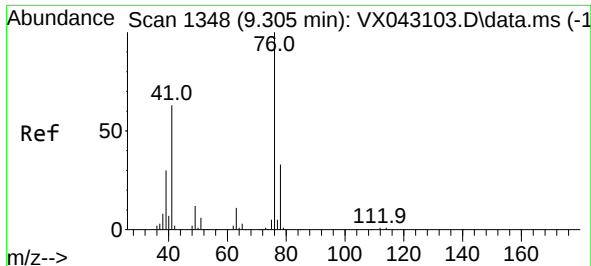


#56
Ethyl methacrylate
Concen: 155.767 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX043105.D
Acq: 23 Sep 2024 10:42

Tgt Ion: 69 Resp: 310795

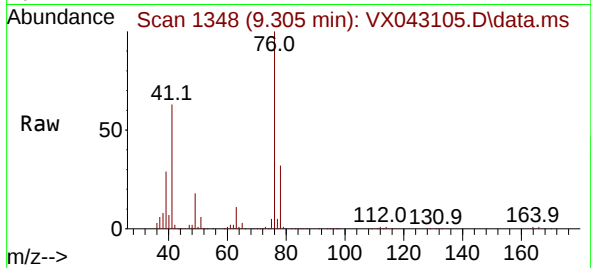
Ion	Ratio	Lower	Upper
69	100		
41	69.7	55.4	83.2
39	45.9	36.3	54.5





#57
1,3-Dichloropropane
Concen: 150.821 ug/l
RT: 9.305 min Scan# 1113
Delta R.T. -0.000 min
Lab File: VX043105.D
Acq: 23 Sep 2024 10:42

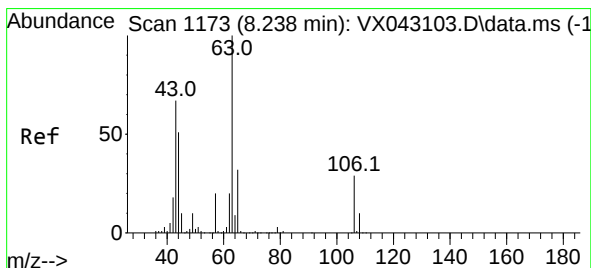
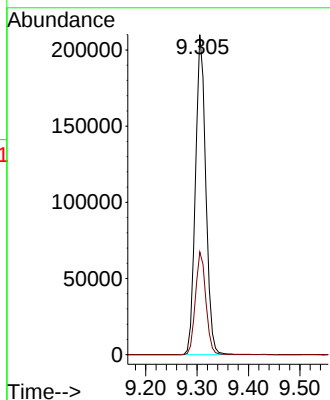
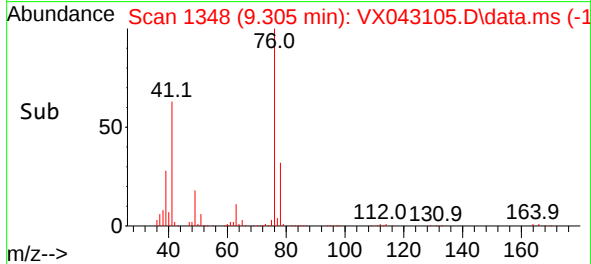
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 76 Resp: 294134
Ion Ratio Lower Upper
76 100
78 32.4 26.5 39.7

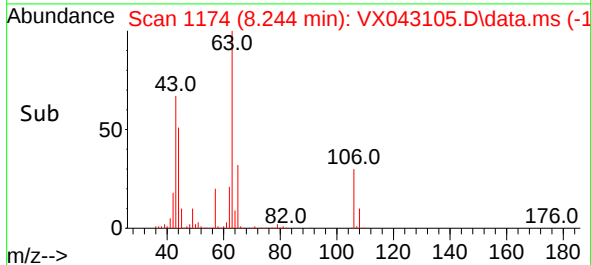
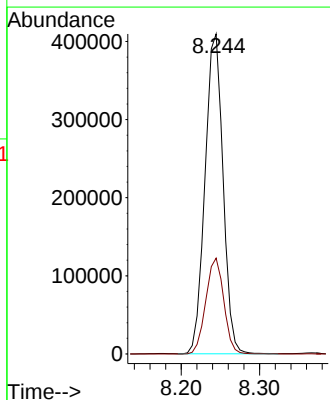
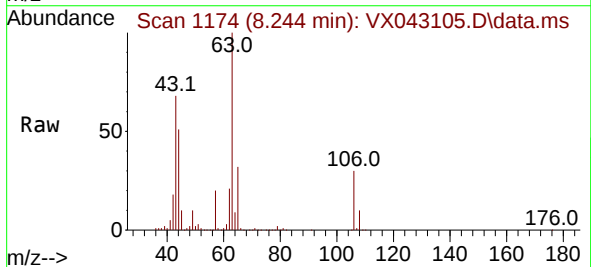
Manual Integrations
APPROVED

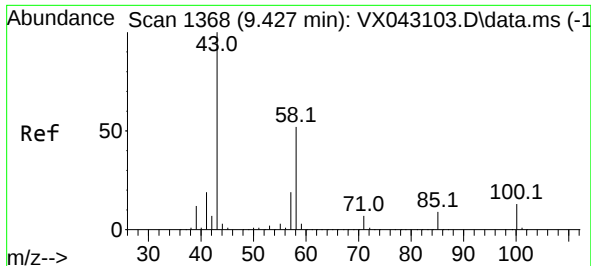
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#58
2-Chloroethyl Vinyl ether
Concen: 808.264 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VX043105.D
Acq: 23 Sep 2024 10:42

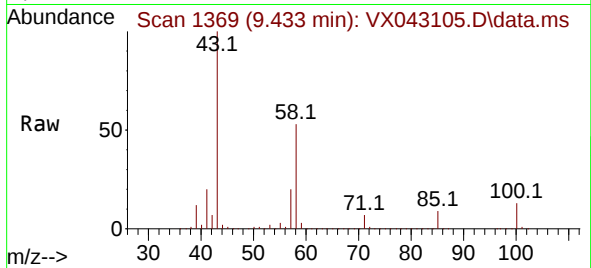
Tgt Ion: 63 Resp: 652072
Ion Ratio Lower Upper
63 100
106 30.0 24.0 36.0





#59
2-Hexanone
Concen: 730.516 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX043105.D
Acq: 23 Sep 2024 10:42

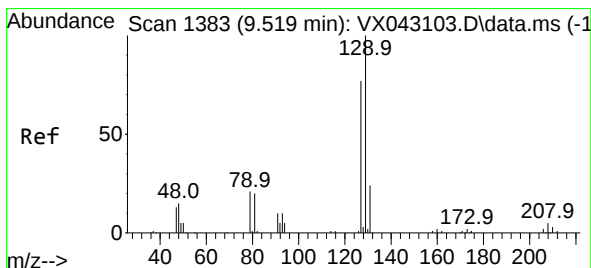
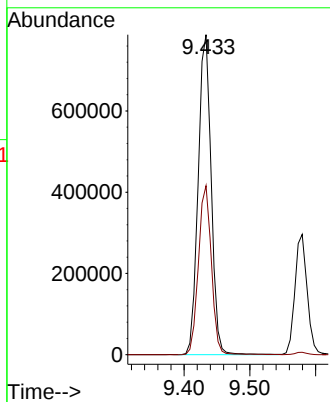
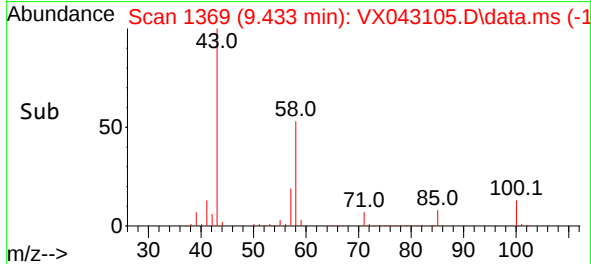
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 107889
Ion Ratio Lower Upper
43 100
58 52.5 26.1 78.2

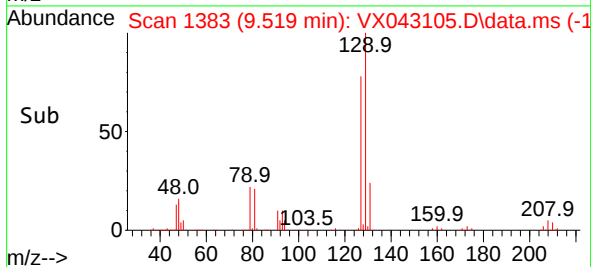
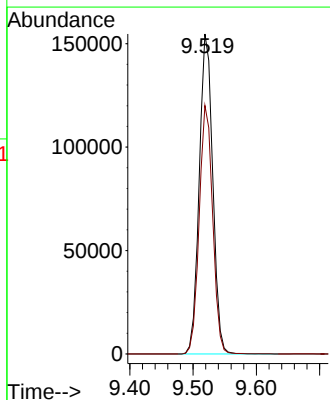
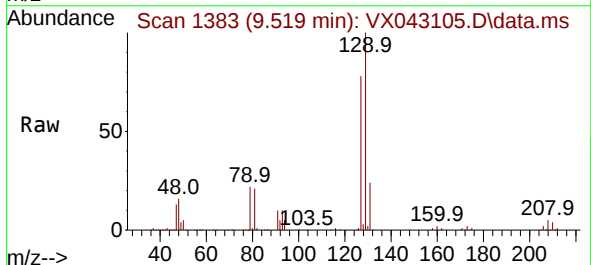
Manual Integrations
APPROVED

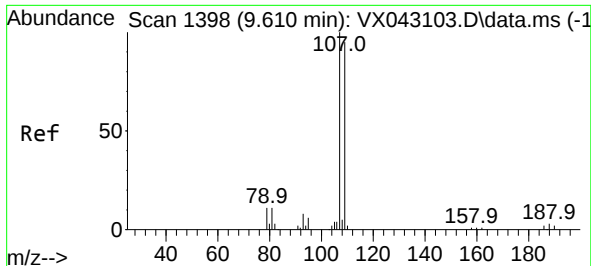
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#60
Dibromochloromethane
Concen: 153.720 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX043105.D
Acq: 23 Sep 2024 10:42

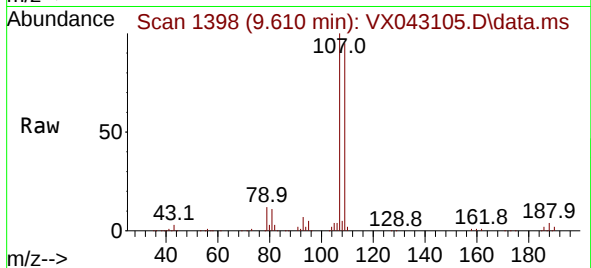
Tgt Ion:129 Resp: 230179
Ion Ratio Lower Upper
129 100
127 77.4 38.4 115.1





#61
1,2-Dibromoethane
Concen: 150.314 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX043105.D
Acq: 23 Sep 2024 10:42

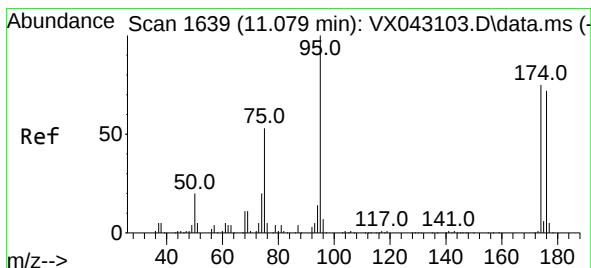
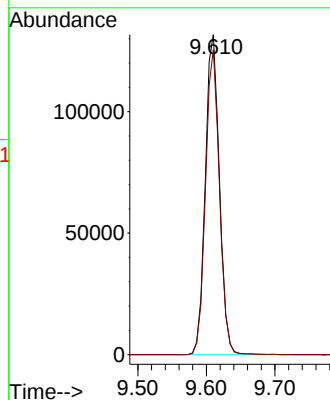
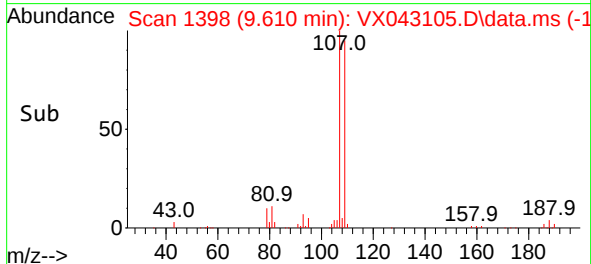
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



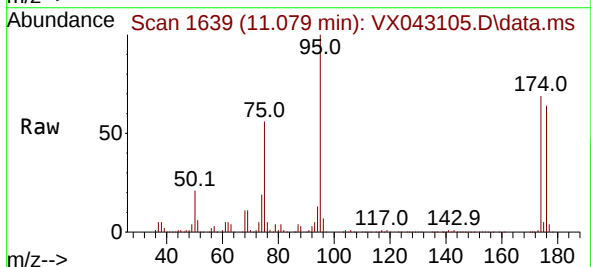
Tgt Ion:107 Resp: 188584
Ion Ratio Lower Upper
107 100
109 94.2 75.1 112.7

Manual Integrations
APPROVED

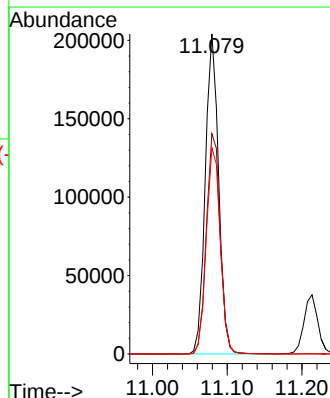
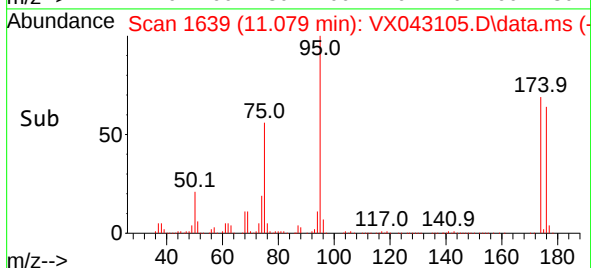
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024

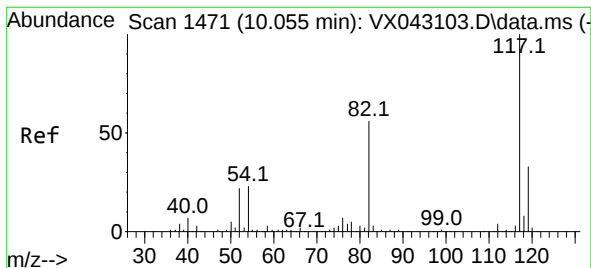


#62
4-Bromofluorobenzene
Concen: 155.090 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043105.D
Acq: 23 Sep 2024 10:42



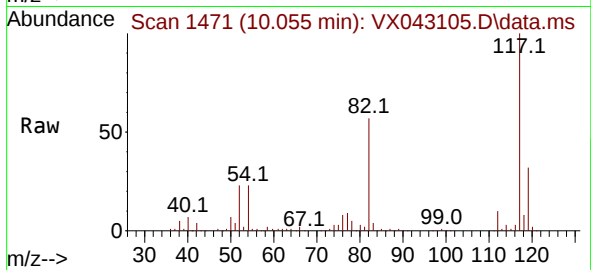
Tgt Ion: 95 Resp: 252012
Ion Ratio Lower Upper
95 100
174 71.7 0.0 146.0
176 67.7 0.0 142.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043105.D
Acq: 23 Sep 2024 10:42

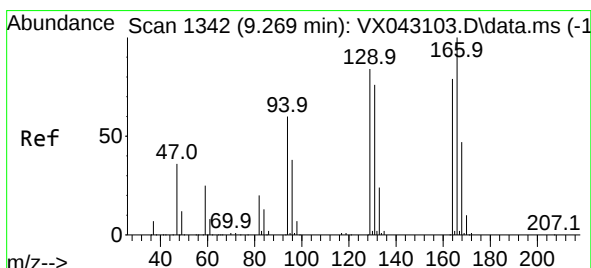
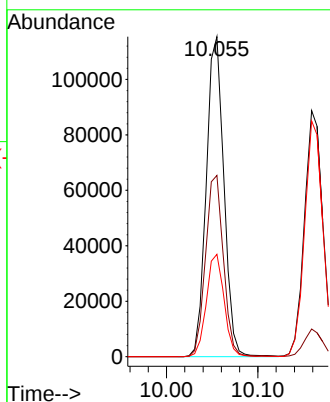
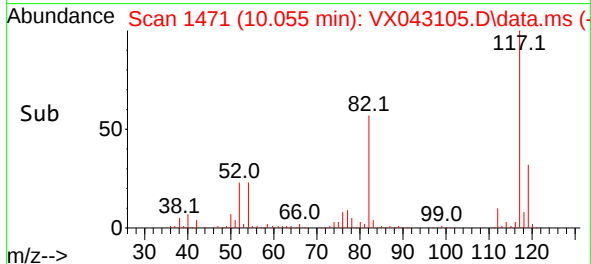
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:117 Resp: 154095
Ion Ratio Lower Upper
117 100
82 56.6 44.7 67.1
119 32.0 26.3 39.5

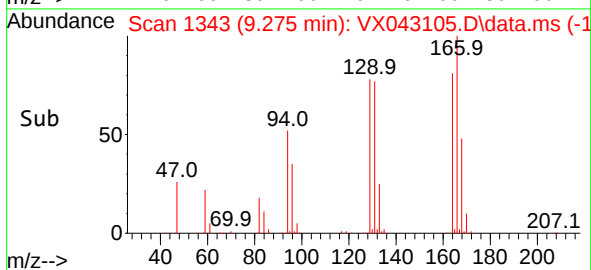
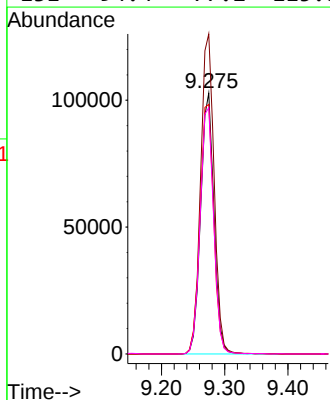
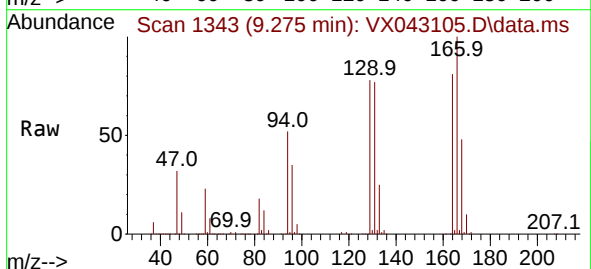
Manual Integrations
APPROVED

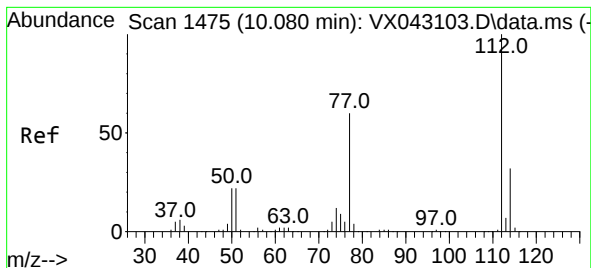
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#64
Tetrachloroethene
Concen: 134.443 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX043105.D
Acq: 23 Sep 2024 10:42

Tgt Ion:164 Resp: 150104
Ion Ratio Lower Upper
164 100
166 122.7 101.2 151.8
129 95.7 84.7 127.1
131 94.4 77.2 115.8





#65

Chlorobenzene

Concen: 148.796 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX043105.D

Acq: 23 Sep 2024 10:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:112 Resp: 494624

Ion Ratio Lower Upper

112 100

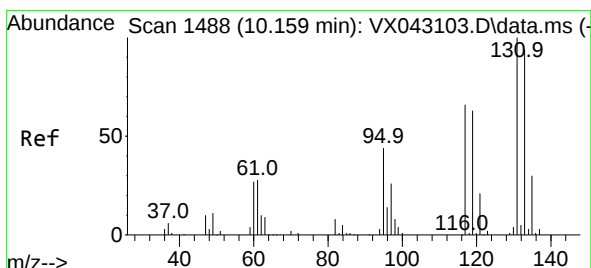
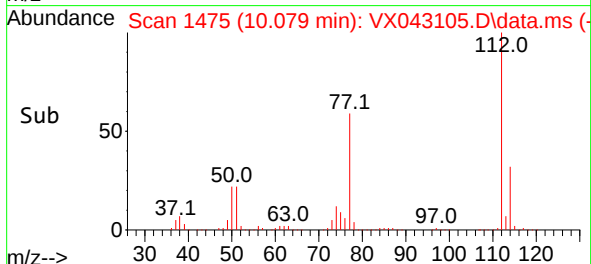
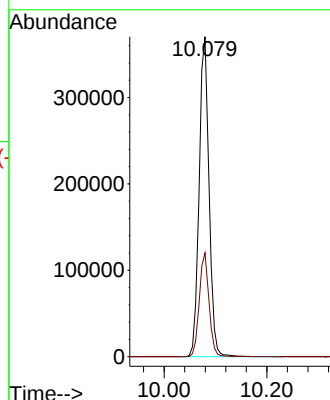
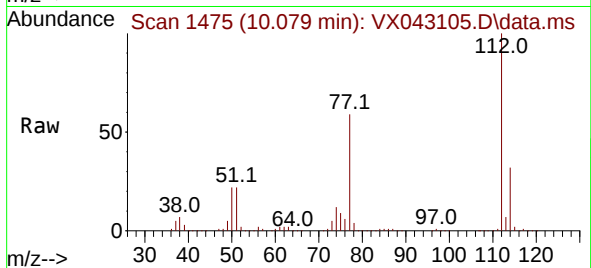
114 32.4 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2024

Supervised By :Mahesh Dadoda 09/24/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 152.223 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. -0.000 min

Lab File: VX043105.D

Acq: 23 Sep 2024 10:42

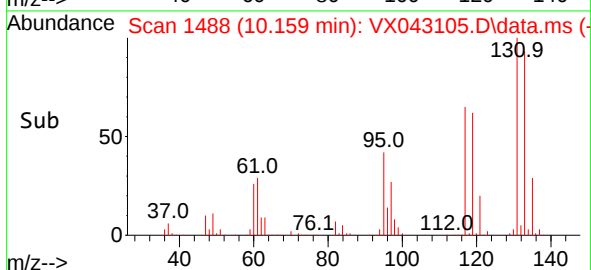
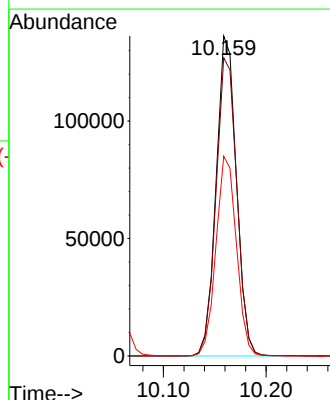
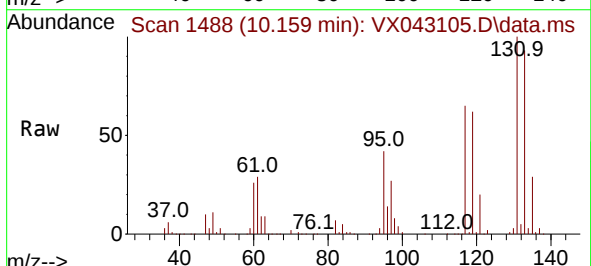
Tgt Ion:131 Resp: 186646

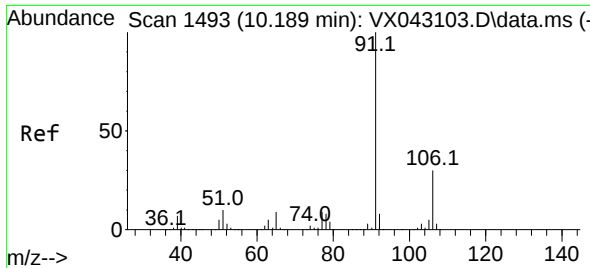
Ion Ratio Lower Upper

131 100

133 95.5 47.9 143.6

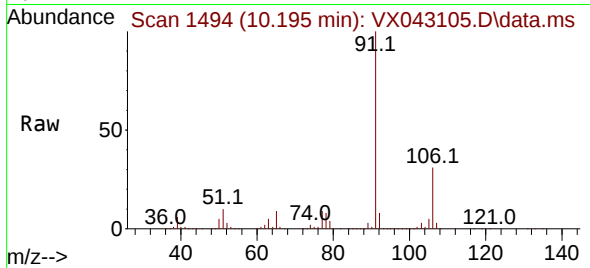
119 63.1 31.8 95.4





#67
Ethyl Benzene
Concen: 149.412 ug/l
RT: 10.195 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VX043105.D
Acq: 23 Sep 2024 10:42

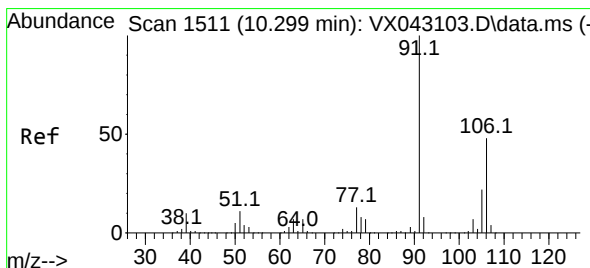
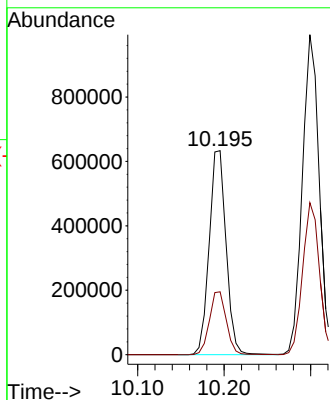
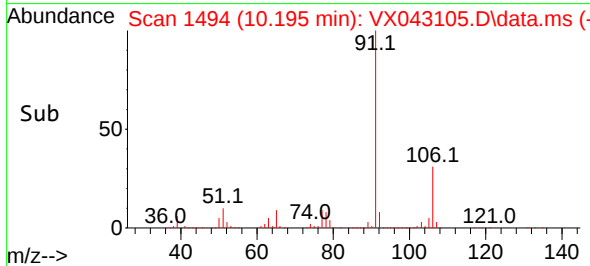
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



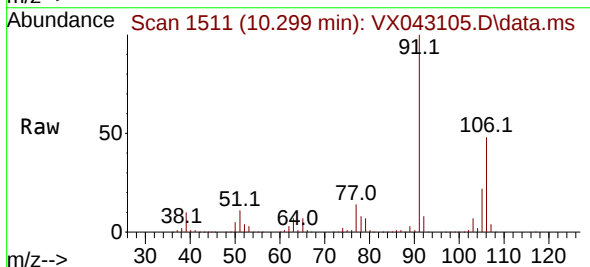
Tgt Ion: 91 Resp: 859148
Ion Ratio Lower Upper
91 100
106 30.8 24.2 36.4

Manual Integrations
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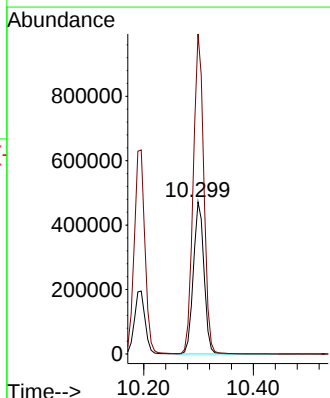
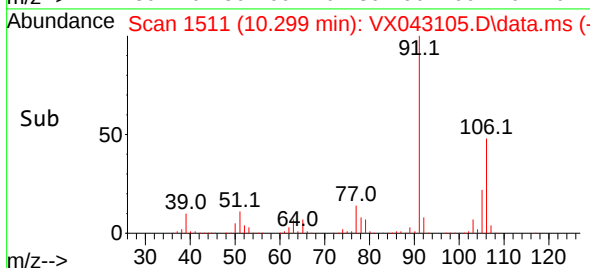
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024

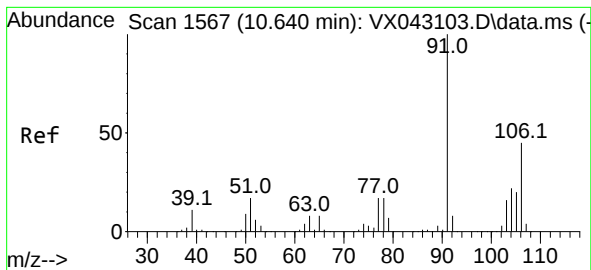


#68
m/p-Xylenes
Concen: 297.789 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX043105.D
Acq: 23 Sep 2024 10:42



Tgt Ion:106 Resp: 637246
Ion Ratio Lower Upper
106 100
91 210.1 167.5 251.3





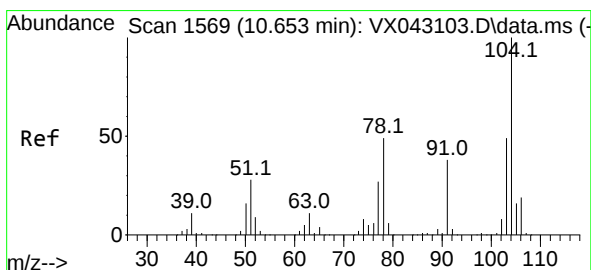
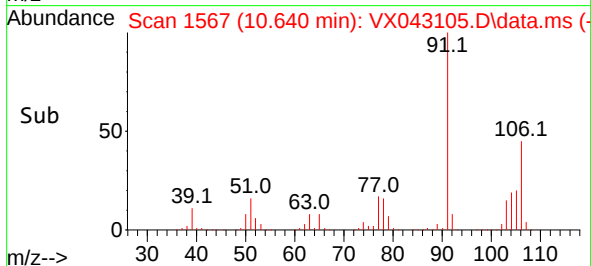
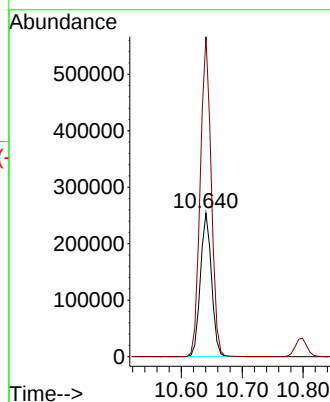
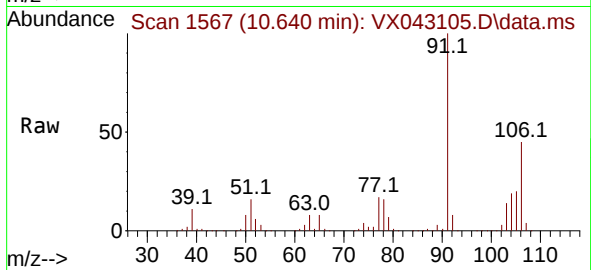
#69
o-Xylene
Concen: 149.939 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX043105.D
Acq: 23 Sep 2024 10:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:106 Resp: 321820
Ion Ratio Lower Upper
106 100
91 220.3 112.5 337.4

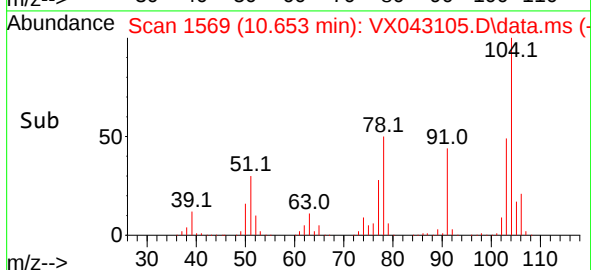
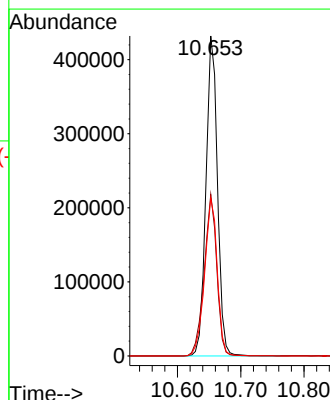
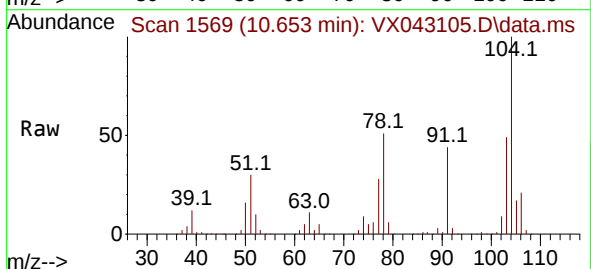
Manual Integrations
APPROVED

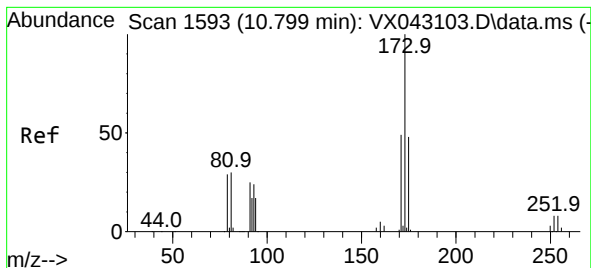
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#70
Styrene
Concen: 153.301 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX043105.D
Acq: 23 Sep 2024 10:42

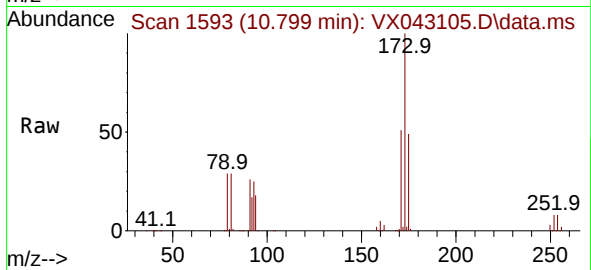
Tgt Ion:104 Resp: 548850
Ion Ratio Lower Upper
104 100
78 55.1 44.3 66.5
103 54.2 43.4 65.0





#71
Bromoform
Concen: 154.245 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX043105.D
Acq: 23 Sep 2024 10:42

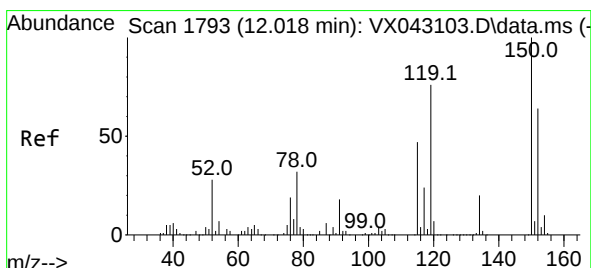
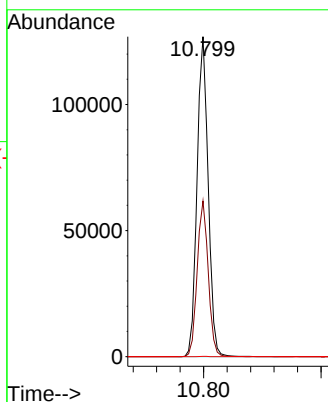
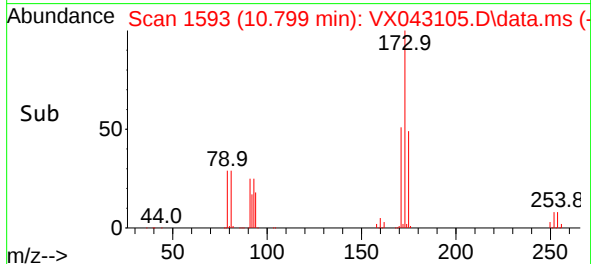
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion:173 Resp: 166342
Ion Ratio Lower Upper
173 100
175 48.4 24.6 73.6
254 0.1 0.0 0.0

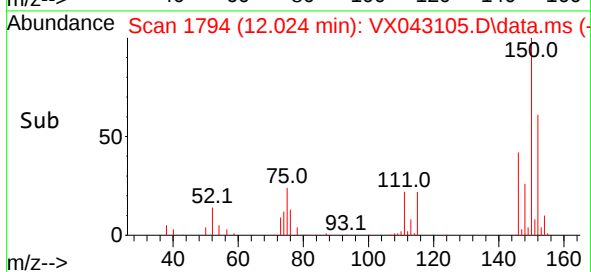
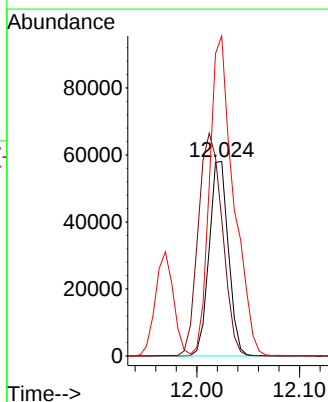
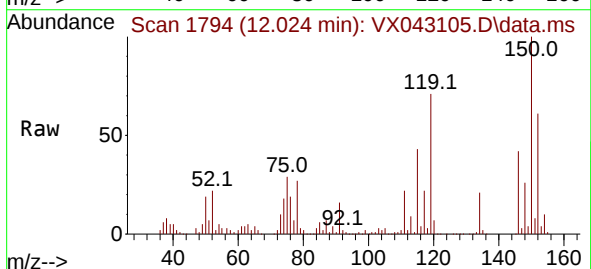
Manual Integrations
APPROVED

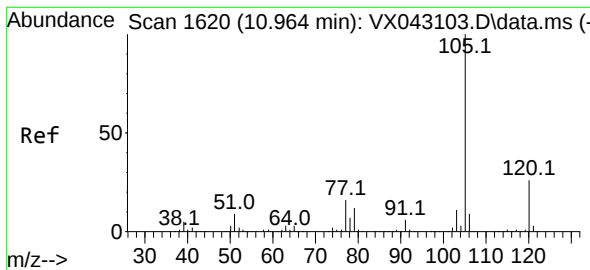
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX043105.D
Acq: 23 Sep 2024 10:42

Tgt Ion:152 Resp: 75636
Ion Ratio Lower Upper
152 100
115 143.5 43.7 131.1#
150 205.4 0.0 344.6





#73

Isopropylbenzene

Concen: 148.270 ug/l

RT: 10.963 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX043105.D

Acq: 23 Sep 2024 10:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion:105 Resp: 84104

Ion Ratio Lower Upper

105 100

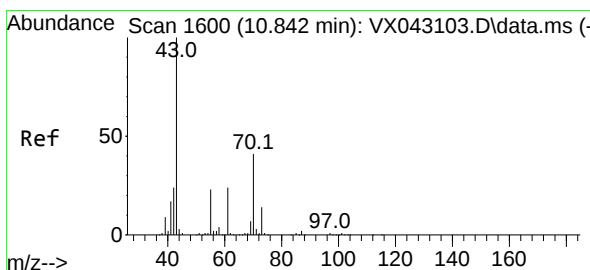
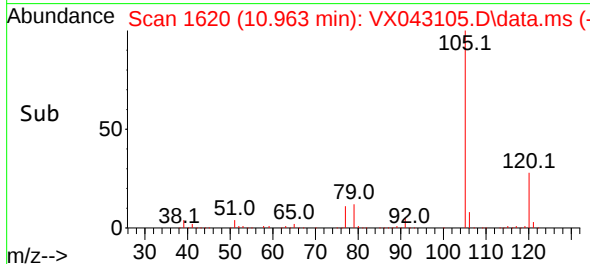
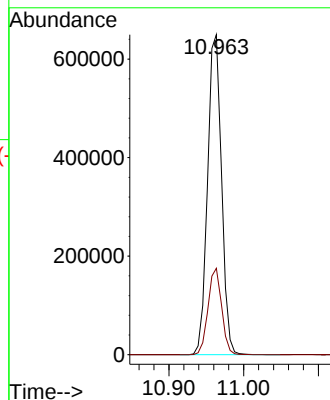
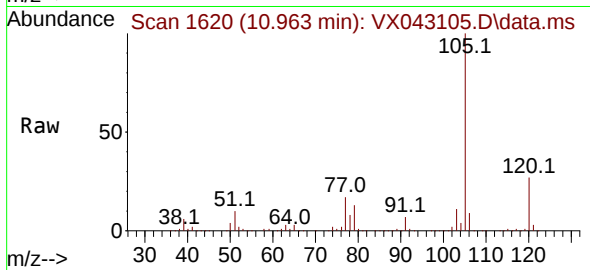
120 26.3 13.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2024

Supervised By :Mahesh Dadoda 09/24/2024



#74

N-ethyl acetate

Concen: 153.301 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX043105.D

Acq: 23 Sep 2024 10:42

Tgt Ion: 43 Resp: 408578

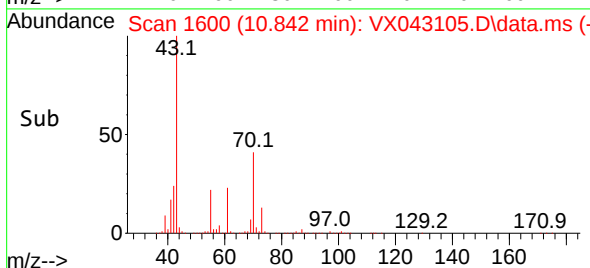
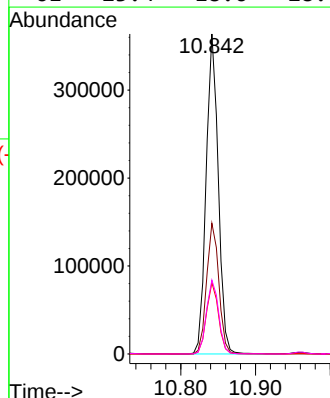
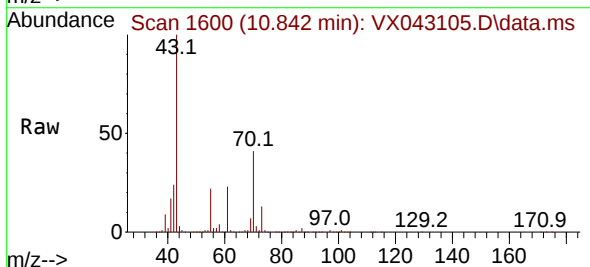
Ion Ratio Lower Upper

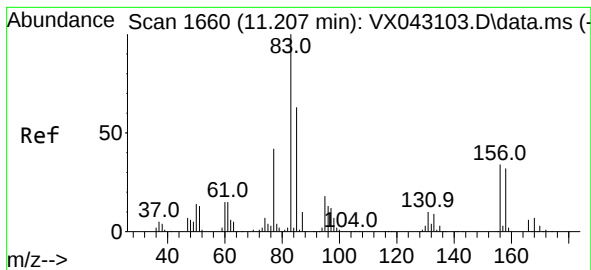
43 100

70 41.5 32.5 48.7

55 22.2 18.2 27.4

61 23.4 18.6 28.0





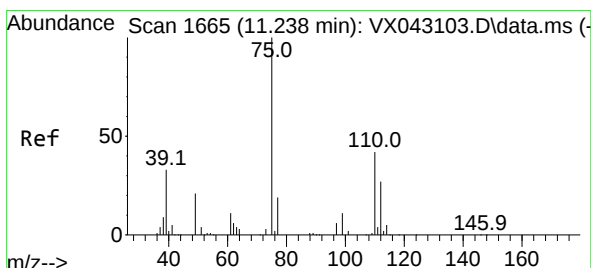
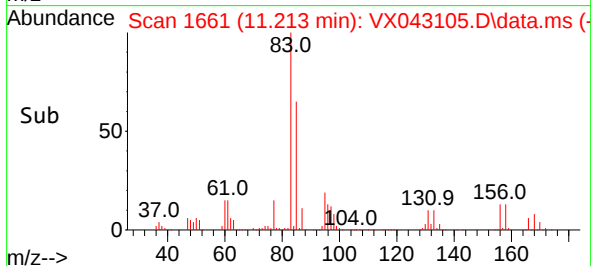
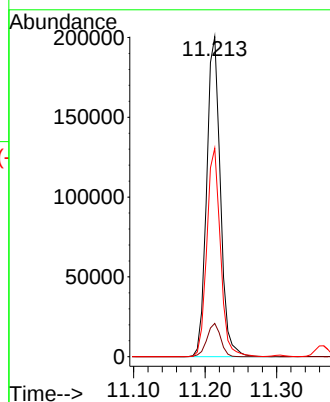
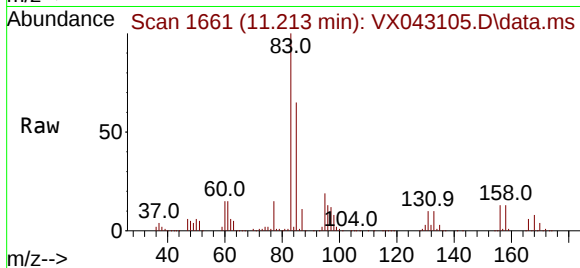
#75
1,1,2,2-Tetrachloroethane
Concen: 146.064 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.006 min
Lab File: VX043105.D
Acq: 23 Sep 2024 10:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 83 Resp: 266608
Ion Ratio Lower Upper
83 100
131 10.4 5.3 15.8
85 64.9 31.9 95.7

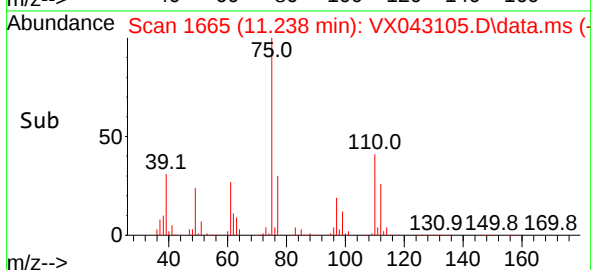
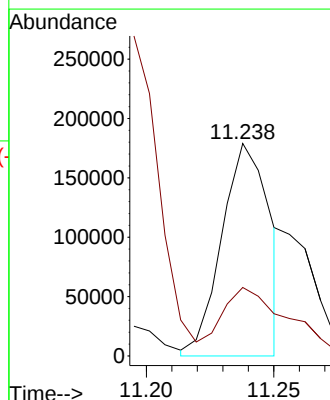
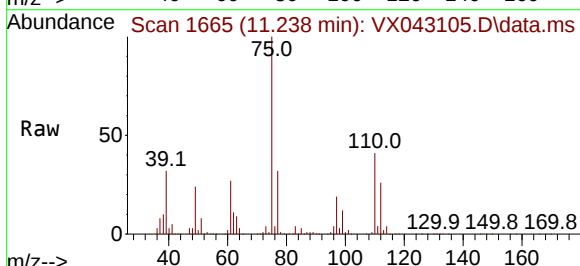
Manual Integrations
APPROVED

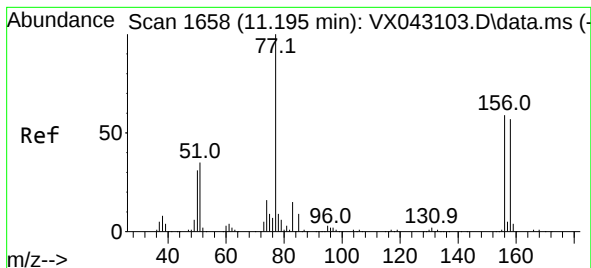
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#76
1,2,3-Trichloropropane
Concen: 145.379 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX043105.D
Acq: 23 Sep 2024 10:42

Tgt Ion: 75 Resp: 233780
Ion Ratio Lower Upper
75 100
77 44.8 21.9 65.7





#77

Bromobenzene

Concen: 148.681 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX043105.D

Acq: 23 Sep 2024 10:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion:156 Resp: 202464

Ion Ratio Lower Upper

156 100

77 167.9 82.5 247.3

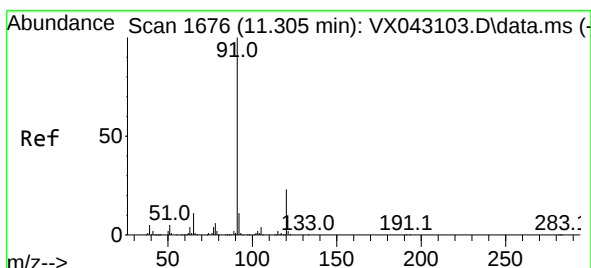
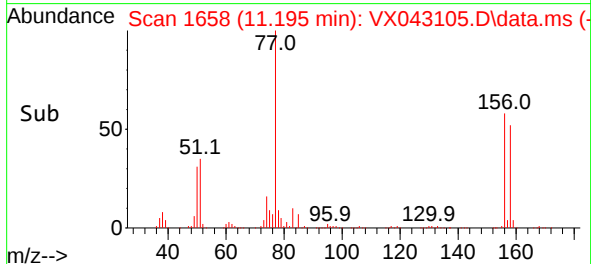
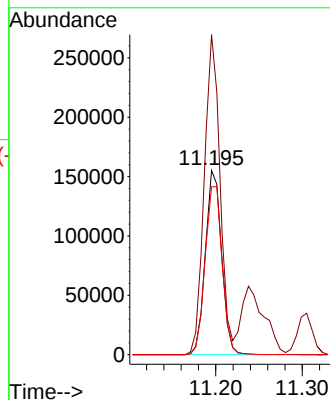
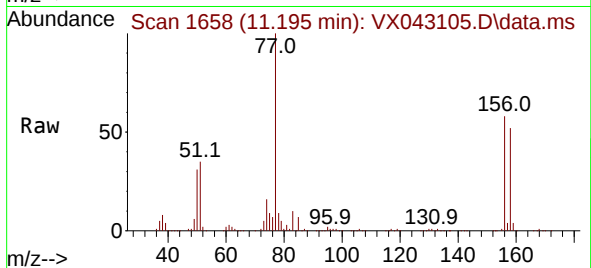
158 95.8 48.2 144.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2024

Supervised By :Mahesh Dadoda 09/24/2024



#78

n-propylbenzene

Concen: 149.891 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX043105.D

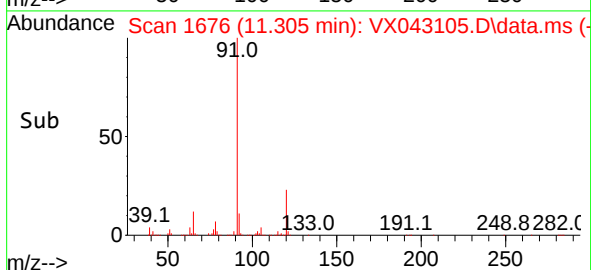
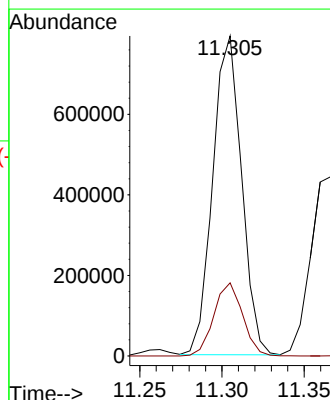
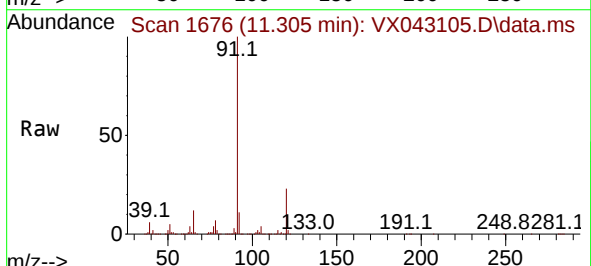
Acq: 23 Sep 2024 10:42

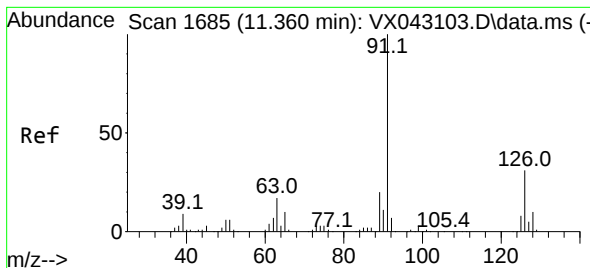
Tgt Ion: 91 Resp: 964634

Ion Ratio Lower Upper

91 100

120 22.9 11.5 34.5





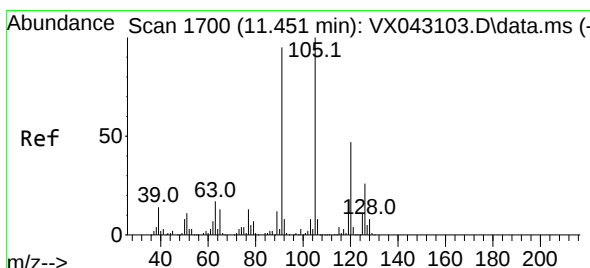
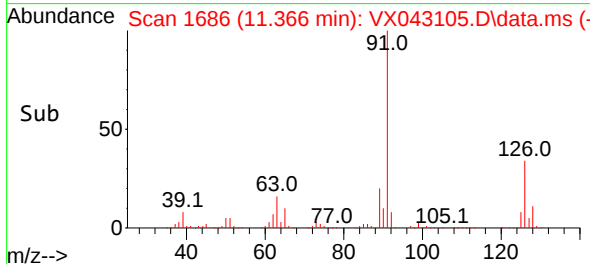
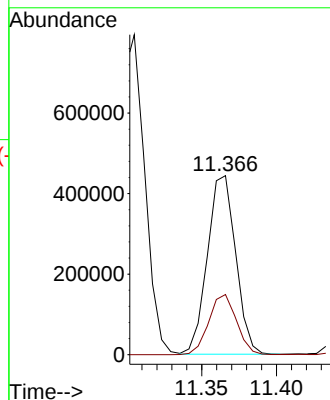
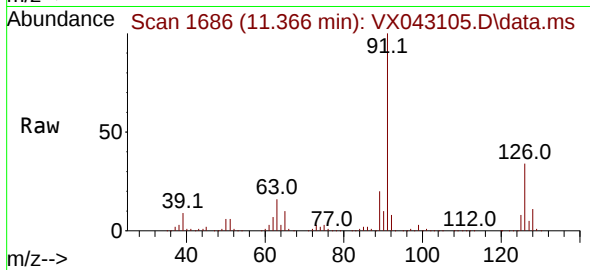
#79
2-Chlorotoluene
Concen: 144.530 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VX043105.D
Acq: 23 Sep 2024 10:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 583390
Ion Ratio Lower Upper
91 100
126 33.1 16.4 49.1

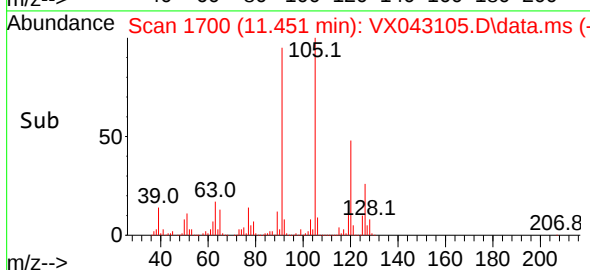
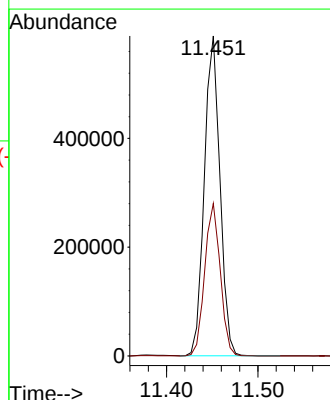
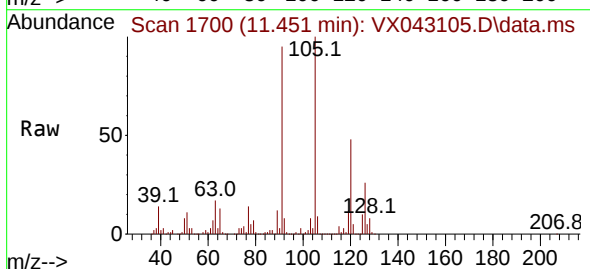
Manual Integrations
APPROVED

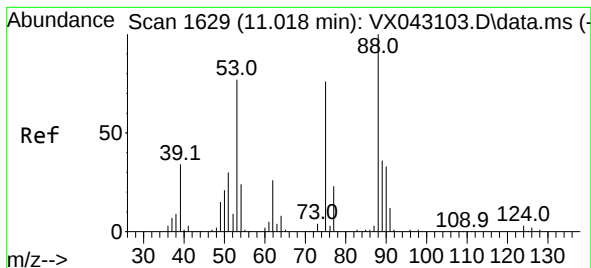
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#80
1,3,5-Trimethylbenzene
Concen: 148.408 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX043105.D
Acq: 23 Sep 2024 10:42

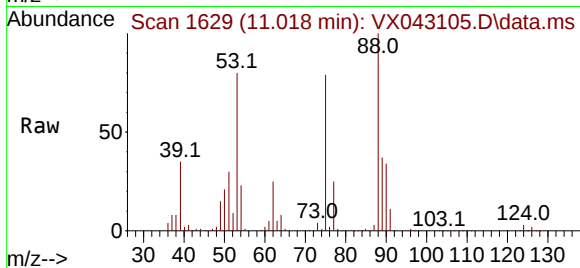
Tgt Ion:105 Resp: 696502
Ion Ratio Lower Upper
105 100
120 47.4 23.5 70.5





#81
trans-1,4-Dichloro-2-butene
Concen: 158.527 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX043105.D
Acq: 23 Sep 2024 10:42

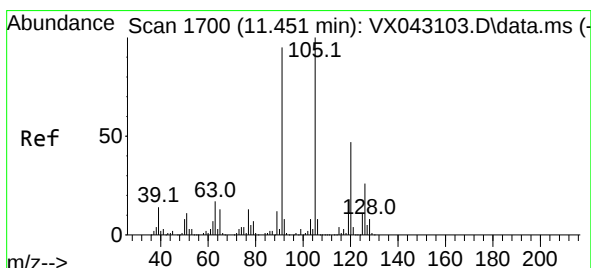
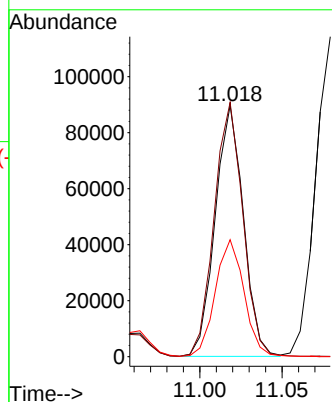
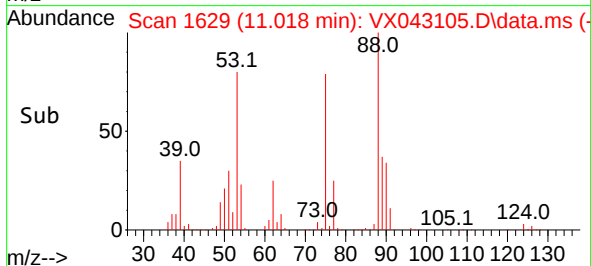
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 75 Resp: 106994
Ion Ratio Lower Upper
75 100
53 103.3 85.4 128.2
89 47.6 38.8 58.2

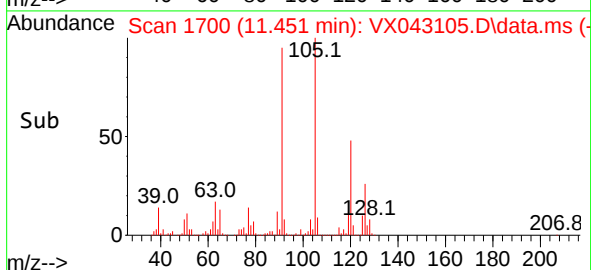
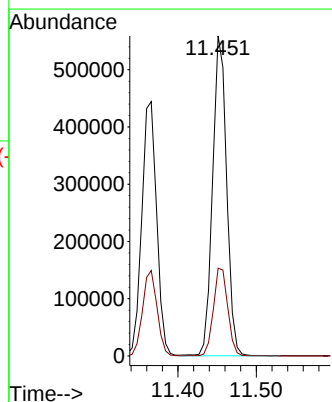
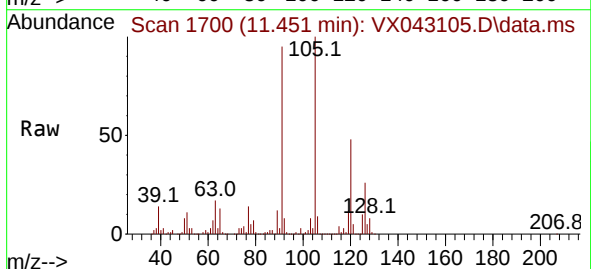
Manual Integrations
APPROVED

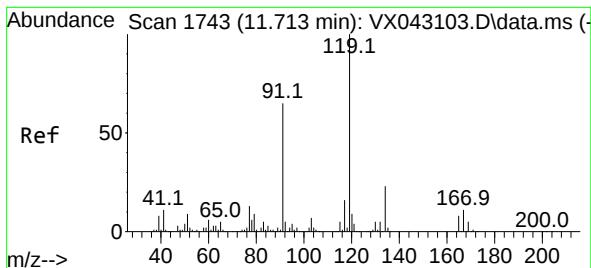
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#82
4-Chlorotoluene
Concen: 150.085 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX043105.D
Acq: 23 Sep 2024 10:42

Tgt Ion: 91 Resp: 692452
Ion Ratio Lower Upper
91 100
126 28.3 14.1 42.4





#83

tert-Butylbenzene

Concen: 149.208 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX043105.D

Acq: 23 Sep 2024 10:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

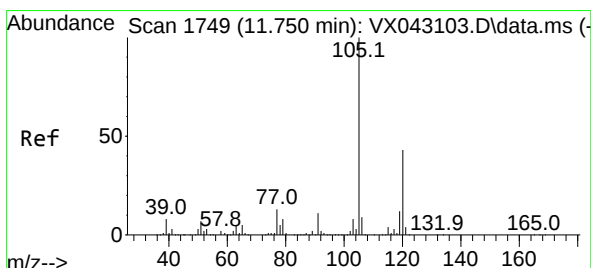
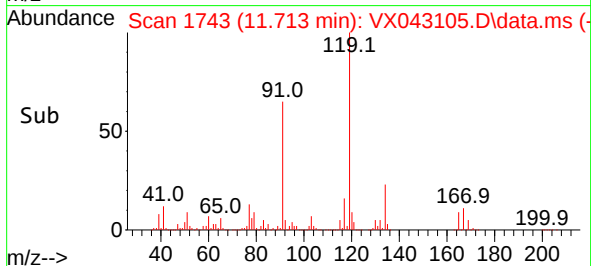
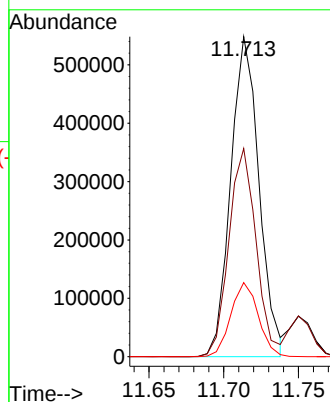
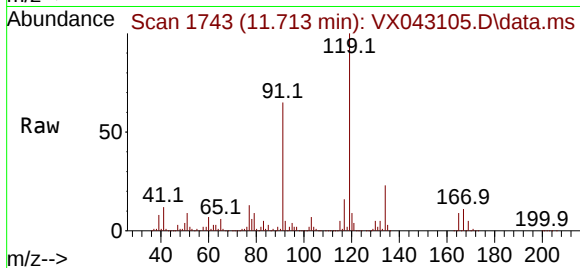
Tgt Ion:	119	Resp:	72157
Ion Ratio	Lower	Upper	
119	100		
91	62.8	31.8	95.3
134	22.5	11.6	34.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2024

Supervised By :Mahesh Dadoda 09/24/2024



#84

1,2,4-Trimethylbenzene

Concen: 151.005 ug/l

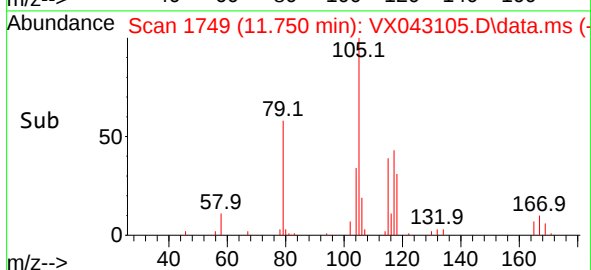
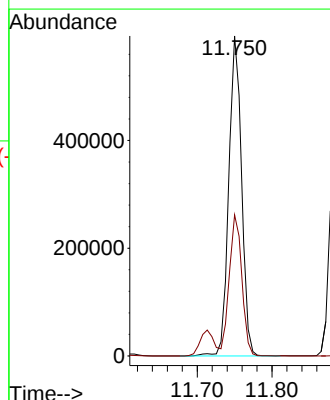
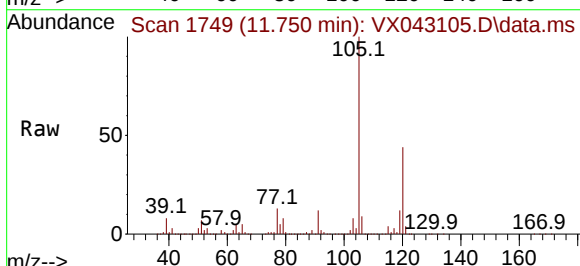
RT: 11.750 min Scan# 1749

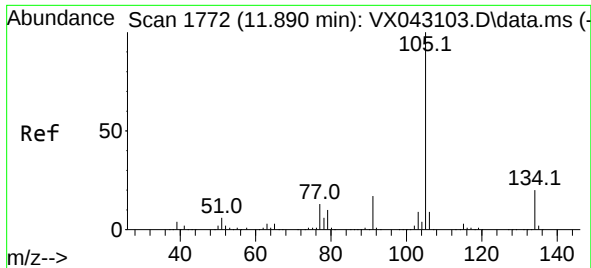
Delta R.T. -0.000 min

Lab File: VX043105.D

Acq: 23 Sep 2024 10:42

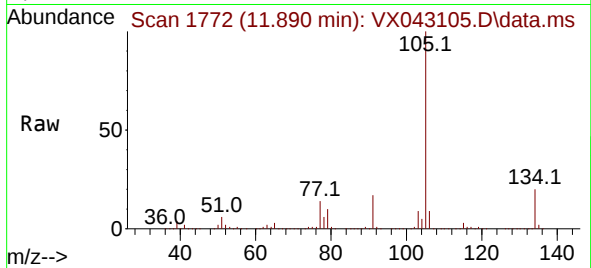
Tgt Ion:	105	Resp:	705064
Ion Ratio	Lower	Upper	
105	100		
120	43.3	21.8	65.4





#85
 sec-Butylbenzene
 Concen: 149.804 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX043105.D
 Acq: 23 Sep 2024 10:42

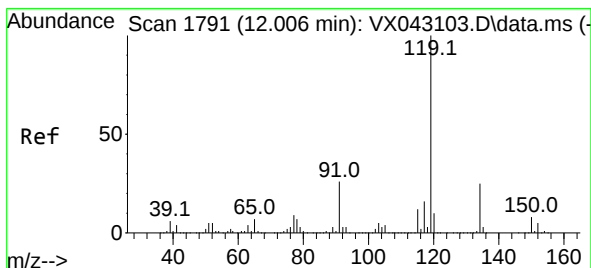
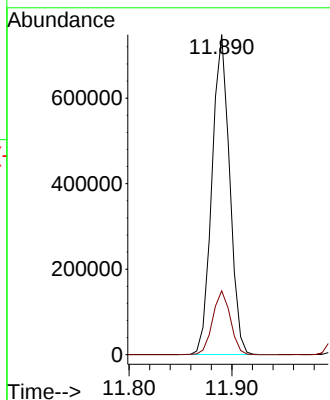
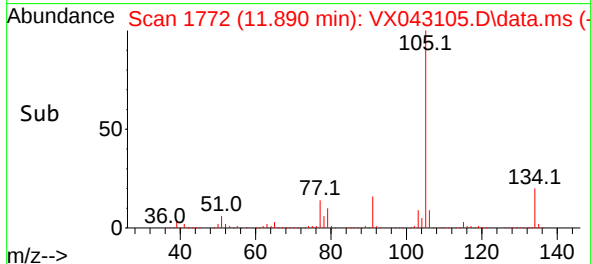
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150



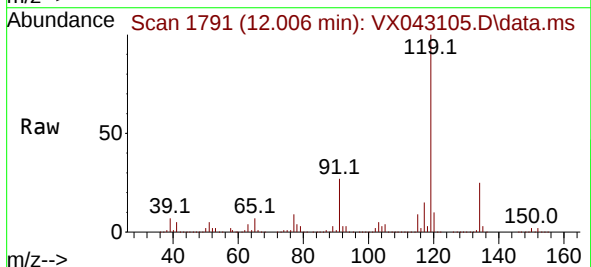
Tgt Ion:105 Resp: 890390
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.0 29.8

Manual Integrations
 APPROVED

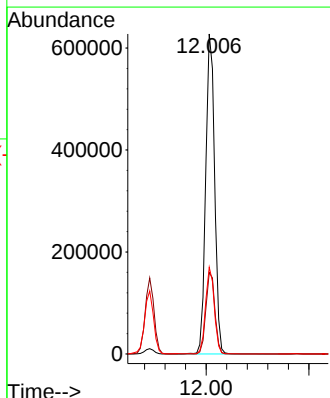
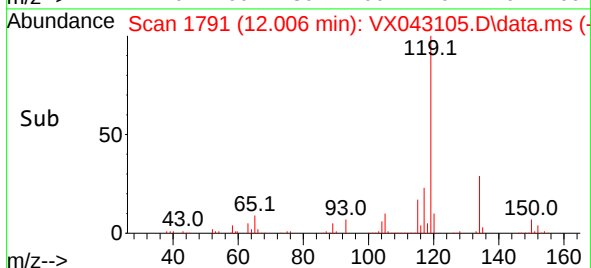
Reviewed By :John Carlone 09/24/2024
 Supervised By :Mahesh Dadoda 09/24/2024

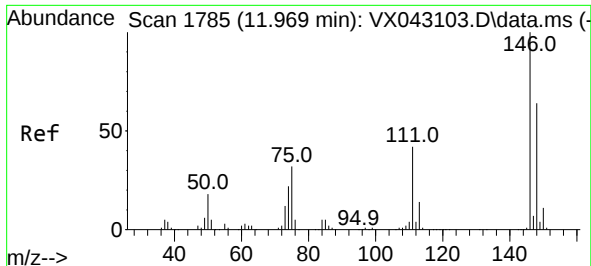


#86
 p-Isopropyltoluene
 Concen: 152.458 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX043105.D
 Acq: 23 Sep 2024 10:42



Tgt Ion:119 Resp: 752318
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.9 38.6
 91 26.4 13.3 39.8





#87

1,3-Dichlorobenzene

Concen: 151.325 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX043105.D

Acq: 23 Sep 2024 10:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:146 Resp: 375729

Ion Ratio Lower Upper

146 100

111 42.6 21.6 64.6

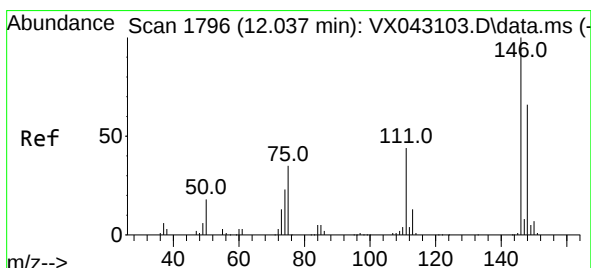
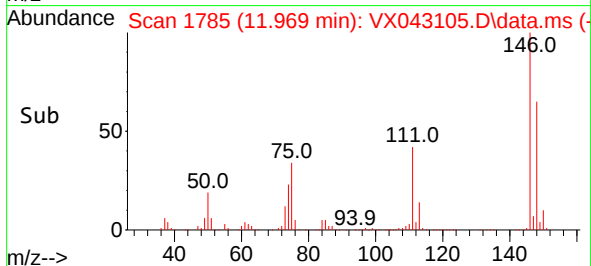
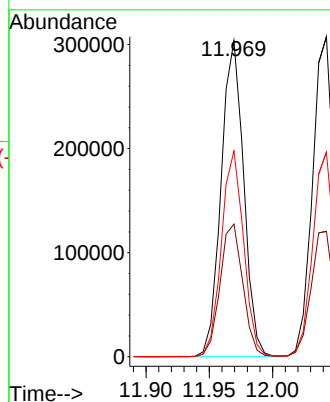
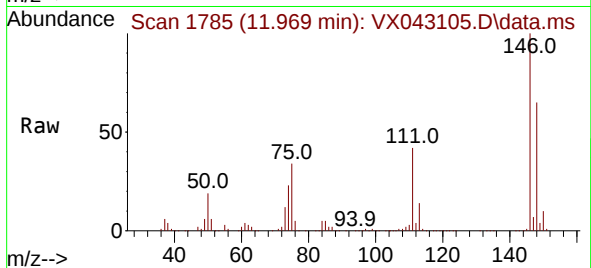
148 64.1 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2024

Supervised By :Mahesh Dadoda 09/24/2024



#88

1,4-Dichlorobenzene

Concen: 149.502 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.006 min

Lab File: VX043105.D

Acq: 23 Sep 2024 10:42

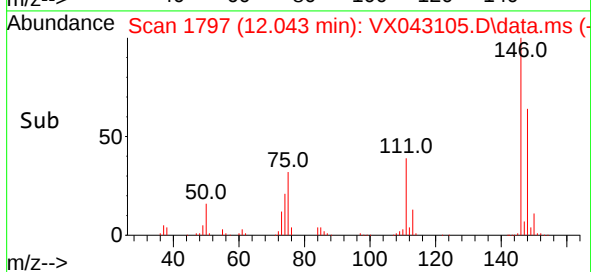
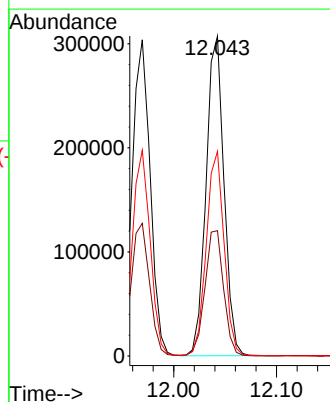
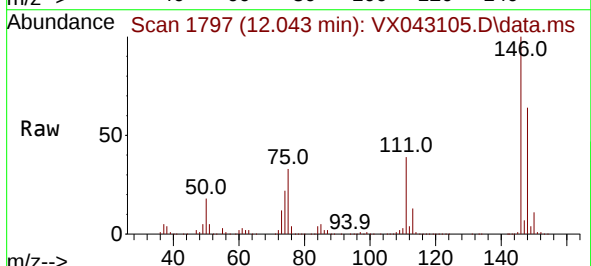
Tgt Ion:146 Resp: 372237

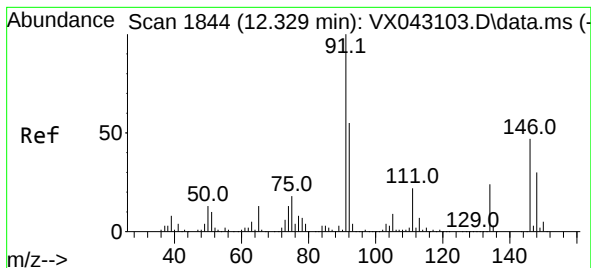
Ion Ratio Lower Upper

146 100

111 41.0 21.2 63.6

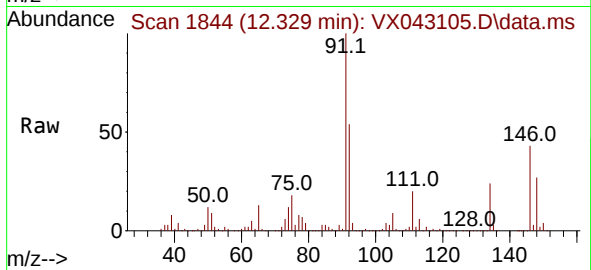
148 63.7 32.6 98.0





#89
n-Butylbenzene
Concen: 161.502 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX043105.D
Acq: 23 Sep 2024 10:42

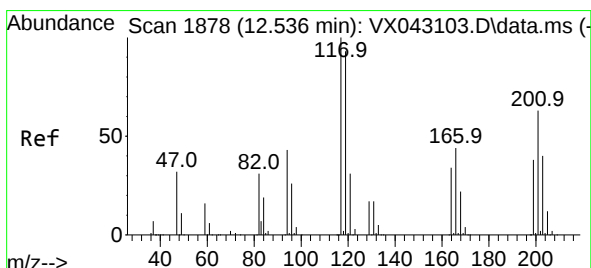
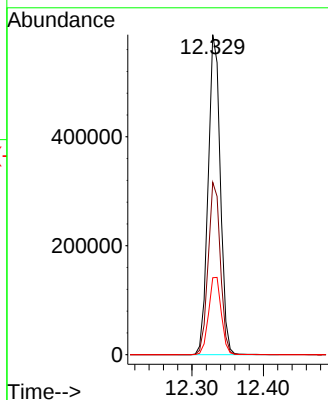
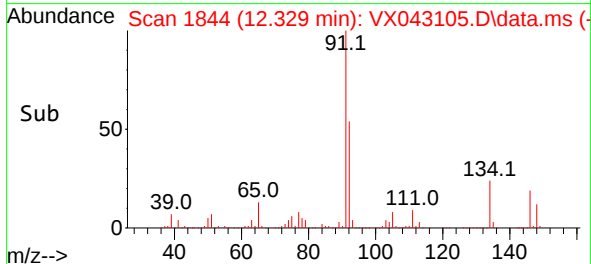
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 91 Resp: 69454
Ion Ratio Lower Upper
91 100
92 54.0 26.9 80.7
134 25.2 12.6 37.6

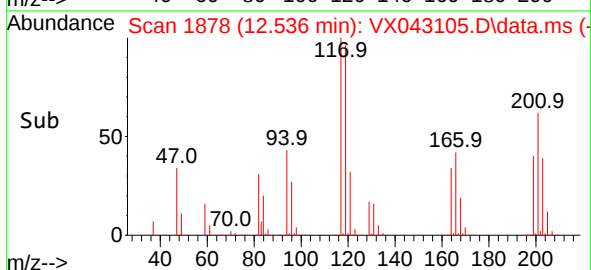
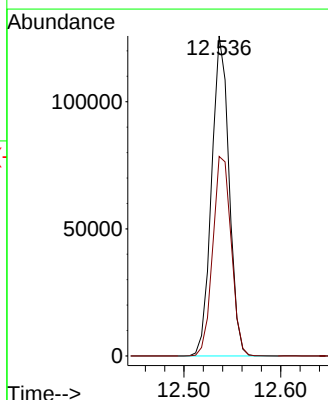
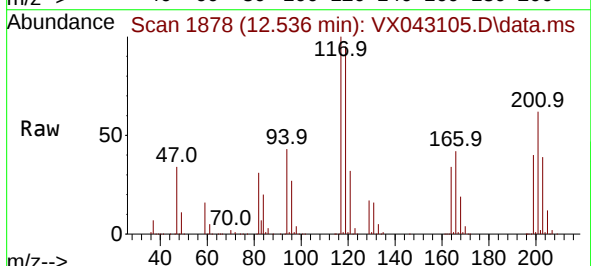
Manual Integrations
APPROVED

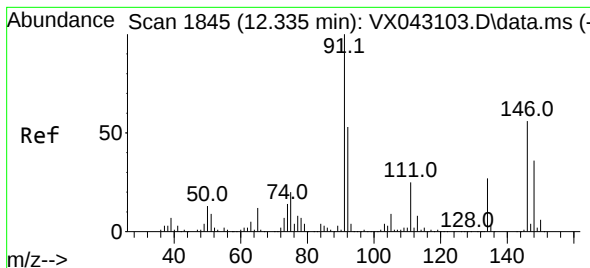
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#90
Hexachloroethane
Concen: 160.579 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX043105.D
Acq: 23 Sep 2024 10:42

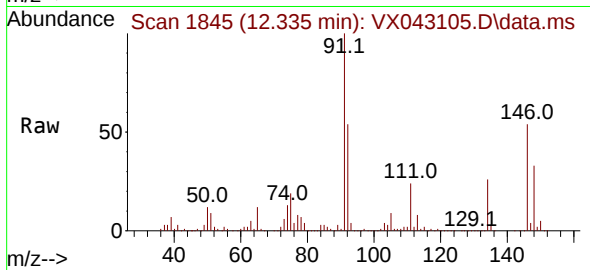
Tgt Ion:117 Resp: 157915
Ion Ratio Lower Upper
117 100
201 65.7 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 148.306 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX043105.D
Acq: 23 Sep 2024 10:42

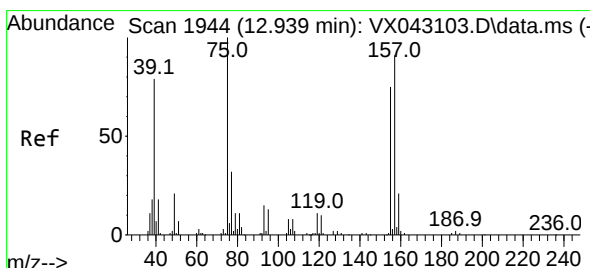
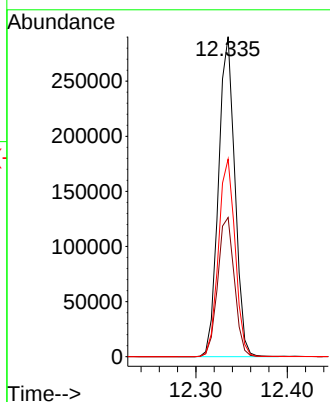
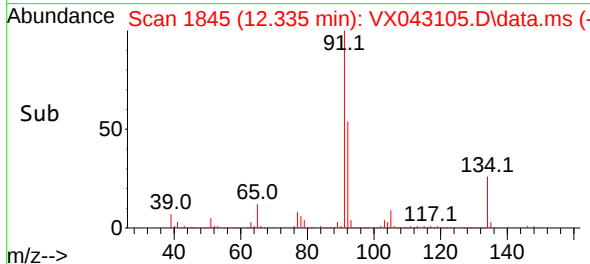
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion:146 Resp: 36264
Ion Ratio Lower Upper
146 100
111 44.4 22.6 67.8
148 62.9 32.0 96.2

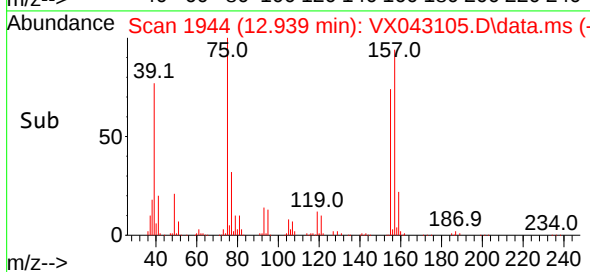
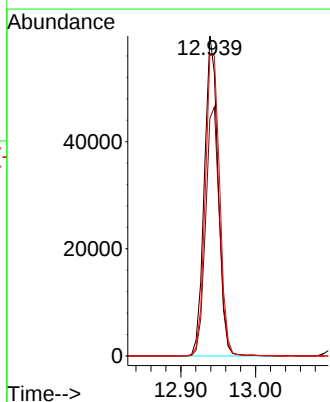
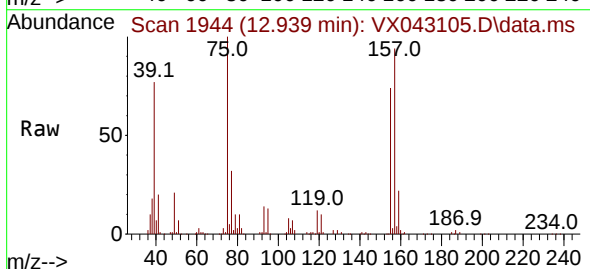
Manual Integrations
APPROVED

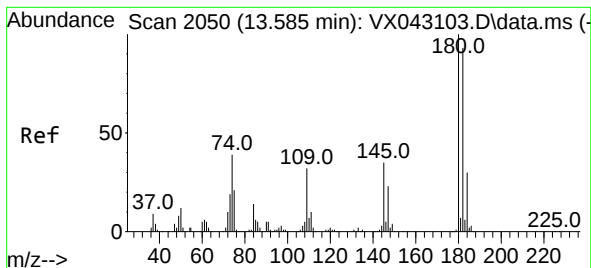
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 154.027 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX043105.D
Acq: 23 Sep 2024 10:42

Tgt Ion: 75 Resp: 76012
Ion Ratio Lower Upper
75 100
155 78.7 38.6 115.8
157 99.1 49.2 147.6





#93

1,2,4-Trichlorobenzene

Concen: 159.736 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX043105.D

Acq: 23 Sep 2024 10:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:180 Resp: 242159

Ion Ratio Lower Upper

180 100

182 97.4 46.7 140.0

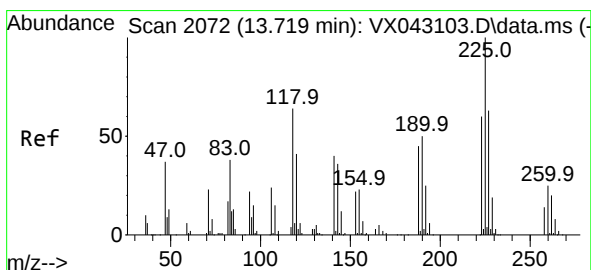
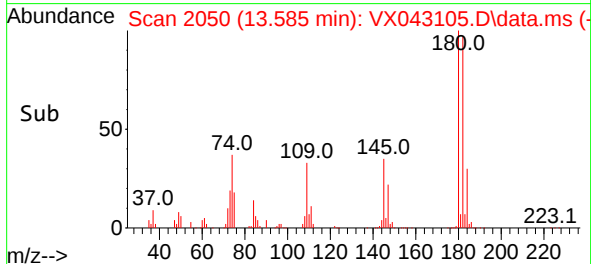
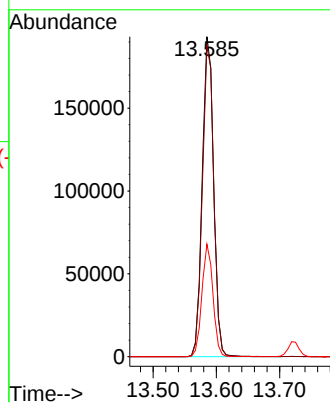
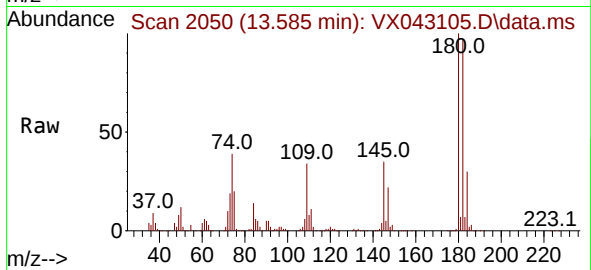
145 34.2 17.0 50.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2024

Supervised By :Mahesh Dadoda 09/24/2024



#94

Hexachlorobutadiene

Concen: 152.136 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.006 min

Lab File: VX043105.D

Acq: 23 Sep 2024 10:42

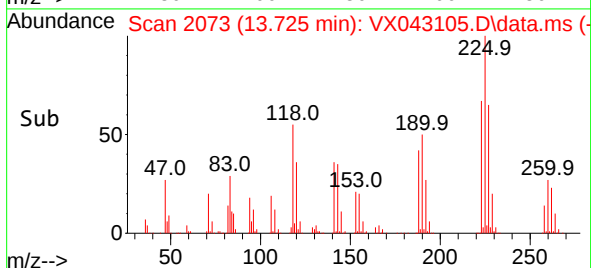
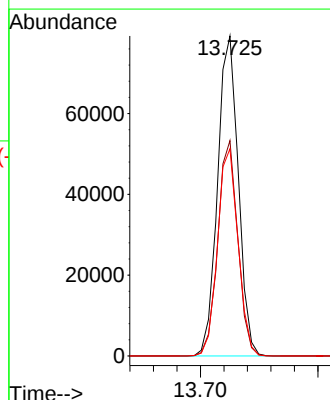
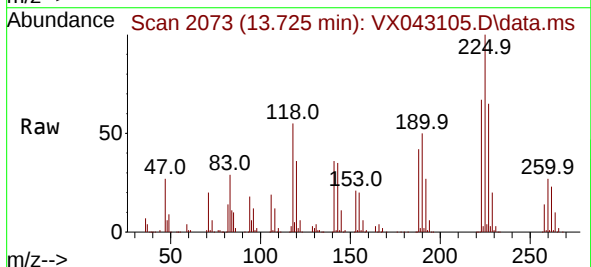
Tgt Ion:225 Resp: 96902

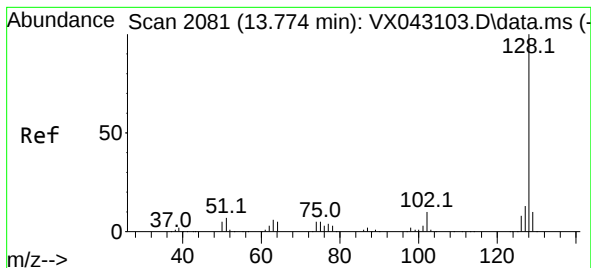
Ion Ratio Lower Upper

225 100

223 64.8 31.8 95.4

227 64.0 31.9 95.7





#95

Naphthalene

Concen: 161.119 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX043105.D

Acq: 23 Sep 2024 10:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

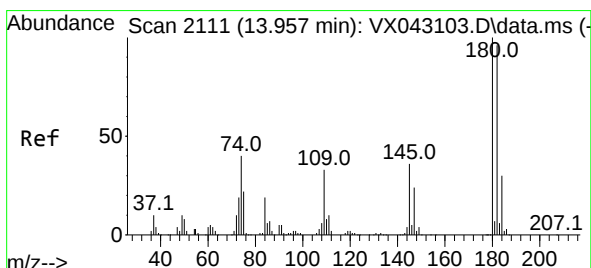
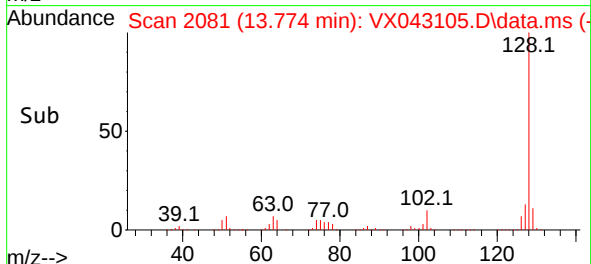
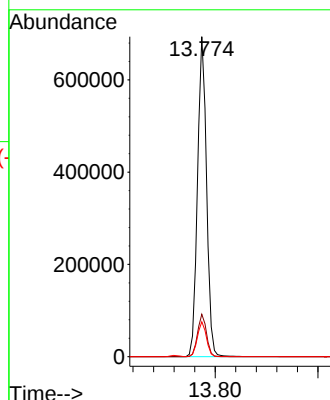
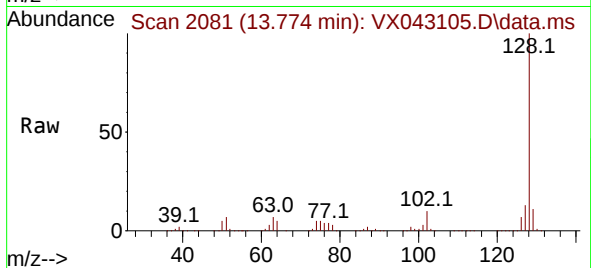
Tgt Ion:128 Resp: 848994
 Ion Ratio Lower Upper
 128 100
 127 13.1 10.2 15.4
 129 10.9 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2024

Supervised By :Mahesh Dadoda 09/24/2024



#96

1,2,3-Trichlorobenzene

Concen: 160.982 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.000 min

Lab File: VX043105.D

Acq: 23 Sep 2024 10:42

Tgt Ion:180 Resp: 242472
 Ion Ratio Lower Upper
 180 100
 182 94.5 47.8 143.4
 145 34.9 17.7 53.1

