

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081424\
 Data File : VX043046.D
 Acq On : 14 Aug 2024 21:01
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/15/2024
 Supervised By : Mahesh Dadoda 08/15/2024

Quant Time: Aug 15 04:37:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081424W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 15 04:22:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	114472	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	210687	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	183616	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	87771	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	75305	50.064	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.120%			
35) Dibromofluoromethane	5.385	113	64980	49.855	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.700%			
50) Toluene-d8	8.647	98	249159	49.521	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.040%			
62) 4-Bromofluorobenzene	11.079	95	88830	48.691	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 97.380%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	60933	52.649	ug/l	98
3) Chloromethane	1.301	50	87572	51.116	ug/l	99
4) Vinyl Chloride	1.374	62	88971	51.704	ug/l	100
5) Bromomethane	1.599	94	27376	52.504	ug/l	100
6) Chloroethane	1.660	64	31148	57.433	ug/l	98
7) Trichlorofluoromethane	1.868	101	91259	50.722	ug/l	98
8) Diethyl Ether	2.136	74	45385	54.528	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.313	101	63723	49.524	ug/l	98
10) Methyl Iodide	2.441	142	77741	53.113	ug/l #	87
11) Tert butyl alcohol	2.995	59	106965	275.620	ug/l #	94
12) 1,1-Dichloroethene	2.307	96	68853	49.867	ug/l	82
13) Acrolein	2.240	56	94296	240.343	ug/l	98
14) Allyl chloride	2.660	41	118375	45.743	ug/l	90
15) Acrylonitrile	3.075	53	243777	253.608	ug/l	98
16) Acetone	2.392	43	182884	245.140	ug/l #	88
17) Carbon Disulfide	2.502	76	188587	47.628	ug/l	98
18) Methyl Acetate	2.709	43	125312	50.829	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	233011	50.073	ug/l	100
20) Methylene Chloride	2.788	84	79085	45.841	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	69991	48.606	ug/l	88
22) Diisopropyl ether	3.764	45	261674	49.518	ug/l	98
23) Vinyl Acetate	3.727	43	1555259	252.453	ug/l	97
24) 1,1-Dichloroethane	3.605	63	133313	50.020	ug/l	99
25) 2-Butanone	4.568	43	331209	253.252	ug/l	98
26) 2,2-Dichloropropane	4.471	77	84770	39.925	ug/l	92
27) cis-1,2-Dichloroethene	4.489	96	84889	48.840	ug/l	90
28) Bromochloromethane	4.898	49	55938	46.393	ug/l	96
29) Tetrahydrofuran	5.013	42	229733	253.442	ug/l	99
30) Chloroform	5.093	83	127565	49.825	ug/l	98
31) Cyclohexane	5.465	56	117962	47.059	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	109693	51.322	ug/l	98
36) 1,1-Dichloropropene	5.690	75	88352	48.794	ug/l	97
37) Ethyl Acetate	4.721	43	129081	50.605	ug/l	98
38) Carbon Tetrachloride	5.678	117	92149	50.328	ug/l	99
39) Methylcyclohexane	7.379	83	120200	47.948	ug/l	94
40) Benzene	6.038	78	298803	48.438	ug/l	100

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	69195	51.471	ug/l	94
42) 1,2-Dichloroethane	6.086	62	91551	51.021	ug/l	92
43) Isopropyl Acetate	6.349	43	206433	50.159	ug/l	97
44) Trichloroethene	7.123	130	70543	50.498	ug/l	92
45) 1,2-Dichloropropane	7.434	63	75445	49.697	ug/l	99
46) Dibromomethane	7.580	93	51801	49.905	ug/l	95
47) Bromodichloromethane	7.824	83	99740	49.489	ug/l	97
48) Methyl methacrylate	7.696	41	95793	48.832	ug/l	90
49) 1,4-Dioxane	7.665	88	43730	1088.197	ug/l #	88
51) 4-Methyl-2-Pentanone	8.574	43	670978	256.540	ug/l	98
52) Toluene	8.720	92	184848	49.605	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	104910	47.667	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	115758	47.821	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	72655	49.639	ug/l	95
56) Ethyl methacrylate	9.116	69	132067	49.829	ug/l	95
57) 1,3-Dichloropropane	9.311	76	123420	49.756	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	295063	237.239	ug/l	100
59) 2-Hexanone	9.433	43	521209	259.324	ug/l	96
60) Dibromochloromethane	9.519	129	78674	50.977	ug/l	99
61) 1,2-Dibromoethane	9.610	107	74816	50.687	ug/l	100
64) Tetrachloroethene	9.275	164	59951	50.590	ug/l	95
65) Chlorobenzene	10.080	112	198149	50.020	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	66368	49.720	ug/l	97
67) Ethyl Benzene	10.195	91	342600	49.768	ug/l	98
68) m/p-Xylenes	10.299	106	269269	101.721	ug/l	94
69) o-Xylene	10.640	106	132352	49.769	ug/l	95
70) Styrene	10.653	104	225030	50.470	ug/l	95
71) Bromoform	10.799	173	55971	50.488	ug/l #	99
73) Isopropylbenzene	10.964	105	330376	49.345	ug/l	97
74) N-amyl acetate	10.842	43	189905	49.798	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.214	83	122066	47.363	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	95634m	47.542	ug/l	
77) Bromobenzene	11.195	156	78093	48.551	ug/l	94
78) n-propylbenzene	11.305	91	386329	50.631	ug/l	100
79) 2-Chlorotoluene	11.366	91	233874	49.248	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	275883	50.019	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	42141	45.695	ug/l #	82
82) 4-Chlorotoluene	11.457	91	260805	49.284	ug/l	96
83) tert-Butylbenzene	11.713	119	279036	48.882	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	277263	49.828	ug/l	94
85) sec-Butylbenzene	11.890	105	348994	50.364	ug/l	98
86) p-Isopropyltoluene	12.006	119	286496	50.606	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	146104	50.517	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	146402	49.474	ug/l	98
89) n-Butylbenzene	12.329	91	246514	50.300	ug/l	99
90) Hexachloroethane	12.536	117	55979	49.231	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	144930	49.701	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	25794	51.161	ug/l	79
93) 1,2,4-Trichlorobenzene	13.585	180	81840	49.862	ug/l	98
94) Hexachlorobutadiene	13.725	225	30805	50.295	ug/l	98
95) Naphthalene	13.774	128	325509	50.216	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	86051	51.259	ug/l	97

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ClientSampleId :
VSTDCCC050EC

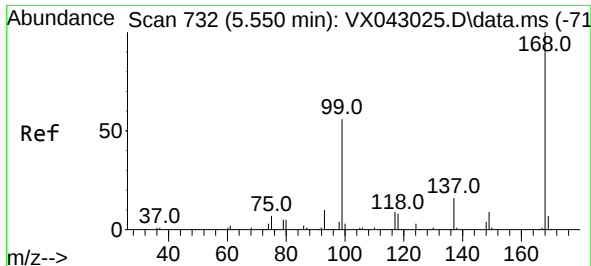
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 08/15/2024

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Quant Title : SW846 8260
QLast Update : Thu Aug 15 04:22:11 2024
Response via : Initial Calibration

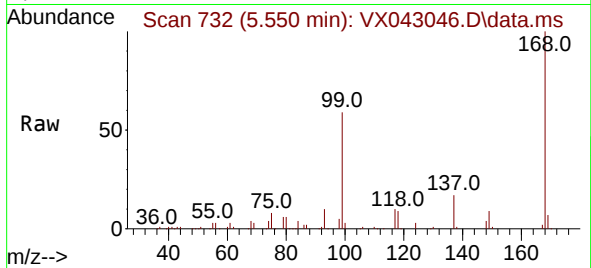
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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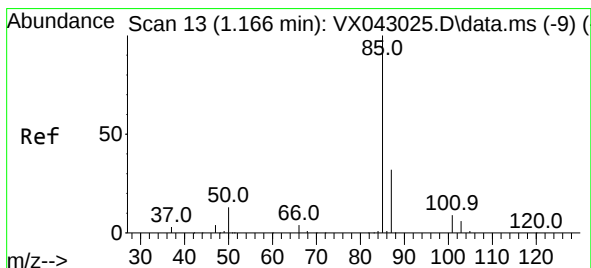
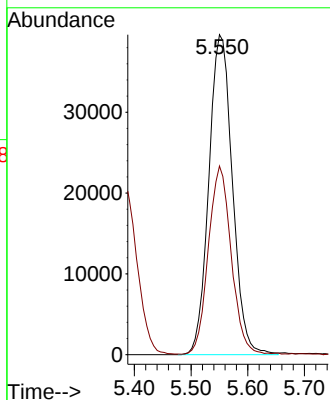
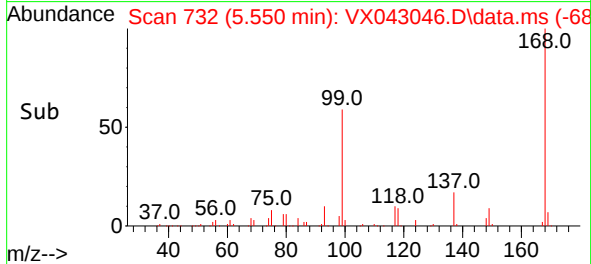
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 114472
Ion Ratio Lower Upper
168 100
99 58.7 56.6 85.0

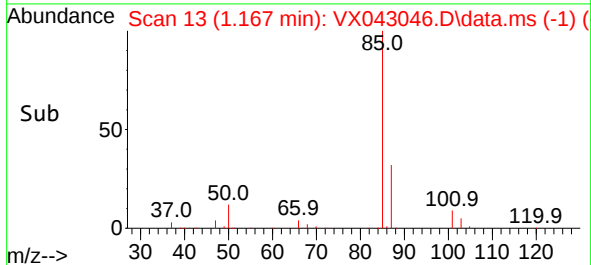
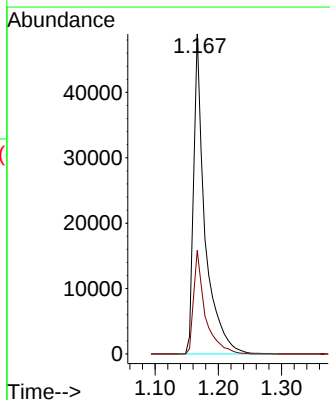
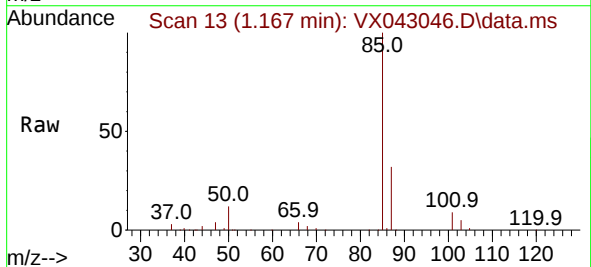
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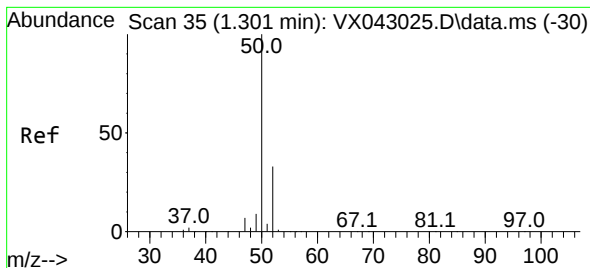
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#2
Dichlorodifluoromethane
Concen: 52.649 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX043046.D
Acq: 14 Aug 2024 21:01

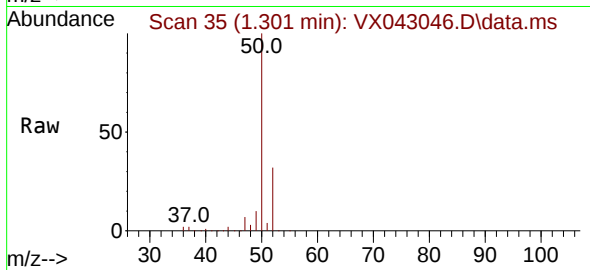
Tgt Ion: 85 Resp: 60933
Ion Ratio Lower Upper
85 100
87 32.3 16.7 50.1





#3
Chloromethane
Concen: 51.116 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX043046.D
Acq: 14 Aug 2024 21:01

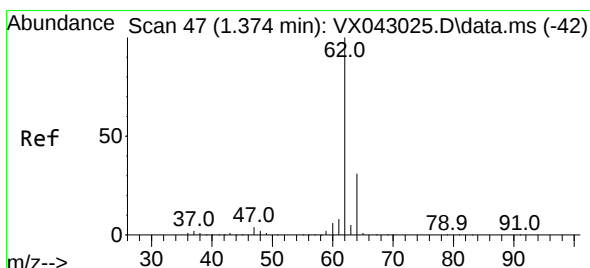
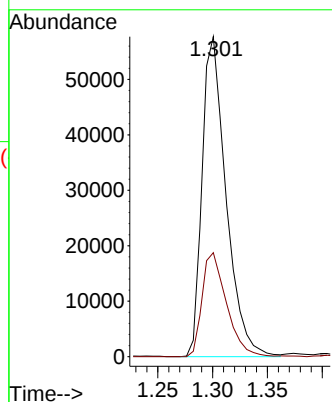
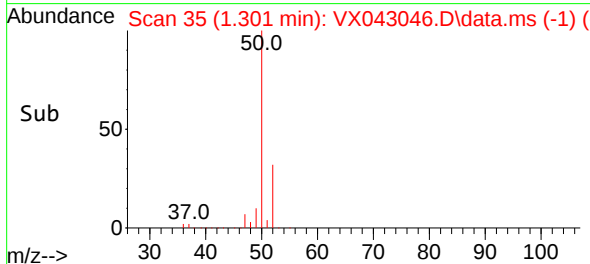
Instrument :
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VSTDCCC050EC



Tgt Ion: 50 Resp: 87572
Ion Ratio Lower Upper
50 100
52 32.5 25.5 38.3

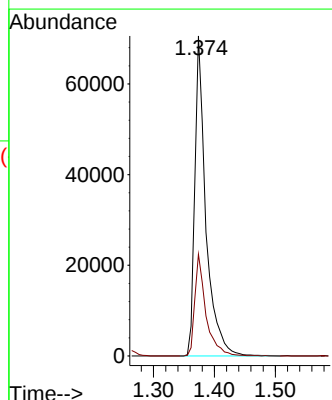
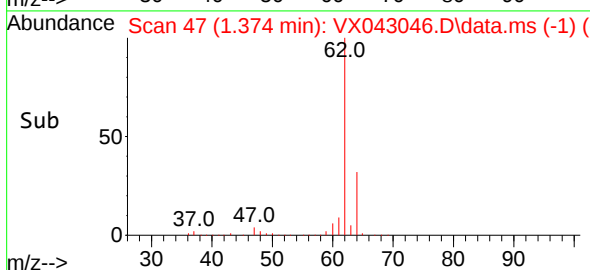
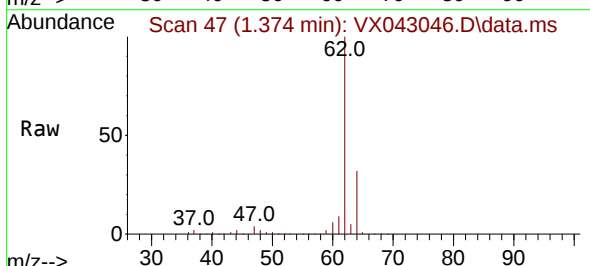
Manual Integrations
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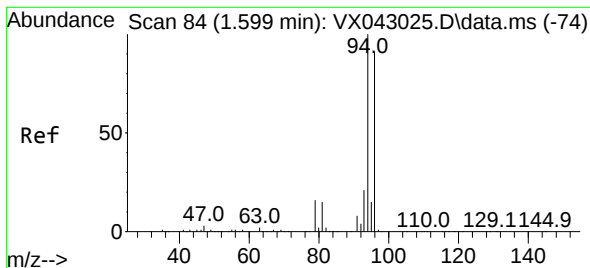
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#4
Vinyl Chloride
Concen: 51.704 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX043046.D
Acq: 14 Aug 2024 21:01

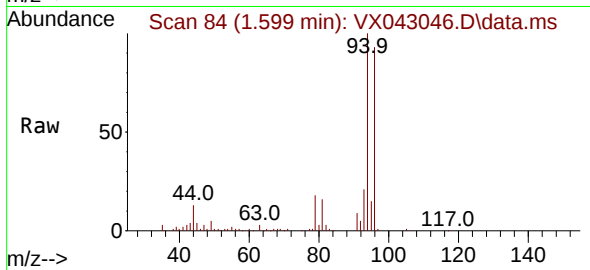
Tgt Ion: 62 Resp: 88971
Ion Ratio Lower Upper
62 100
64 31.8 25.4 38.0





#5
Bromomethane
Concen: 52.504 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX043046.D
Acq: 14 Aug 2024 21:01

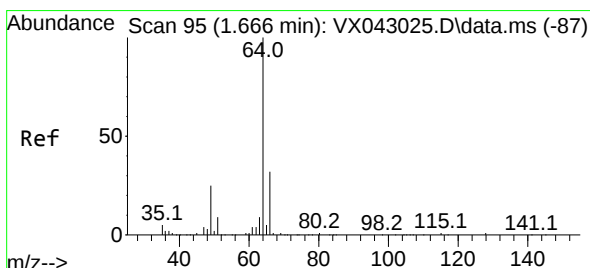
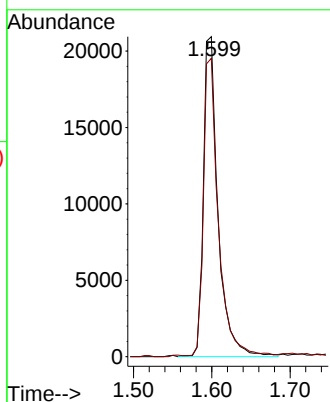
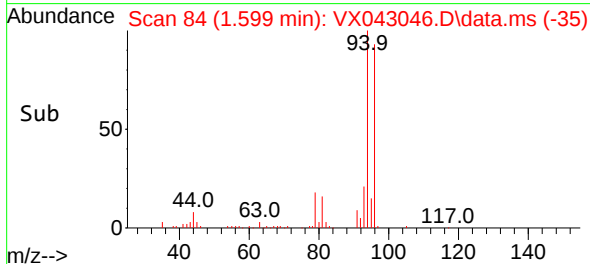
Instrument :
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Tgt Ion: 94 Resp: 27370
Ion Ratio Lower Upper
94 100
96 92.7 74.6 111.8

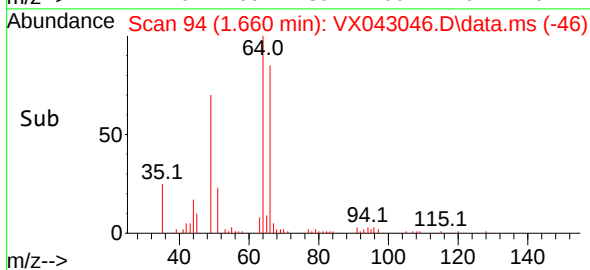
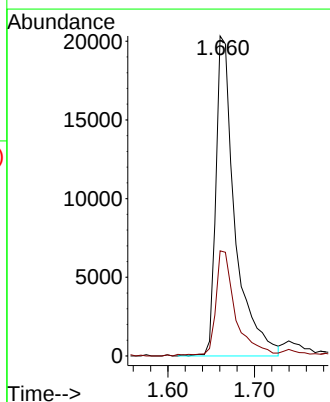
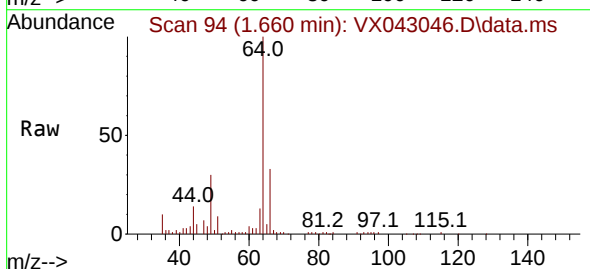
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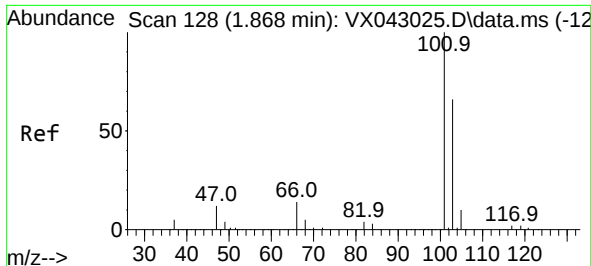
Reviewed By :John Carlone 08/15/2024
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#6
Chloroethane
Concen: 57.433 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX043046.D
Acq: 14 Aug 2024 21:01

Tgt Ion: 64 Resp: 31148
Ion Ratio Lower Upper
64 100
66 32.4 25.1 37.7





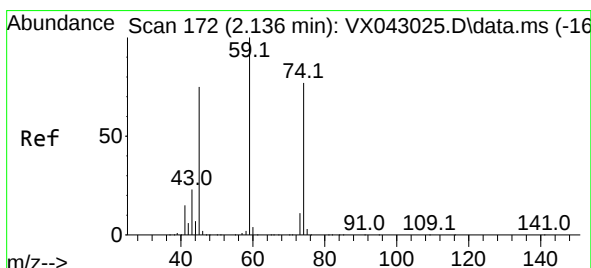
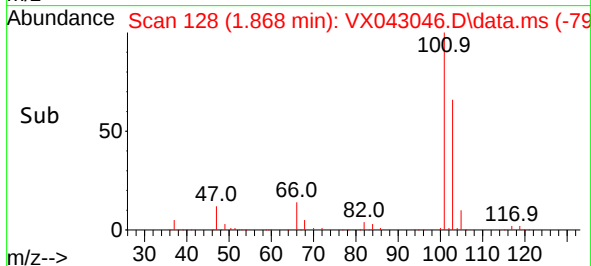
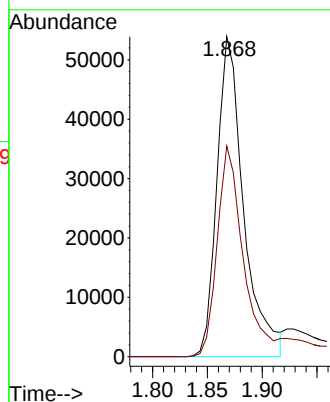
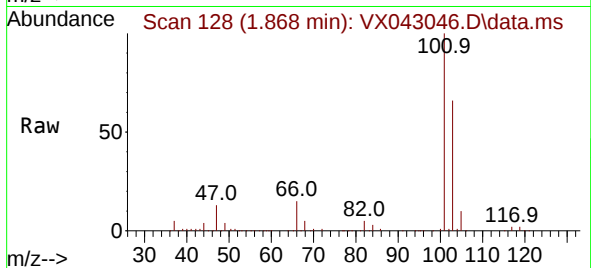
#7
Trichlorofluoromethane
Concen: 50.722 ug/l
RT: 1.868 min Scan# 101
Delta R.T. 0.000 min
Lab File: VX043046.D
Acq: 14 Aug 2024 21:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 91259
Ion Ratio Lower Upper
101 100
103 65.8 51.4 77.2

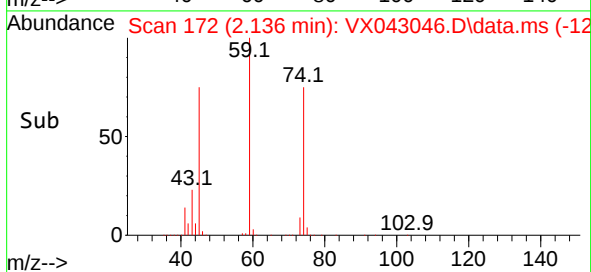
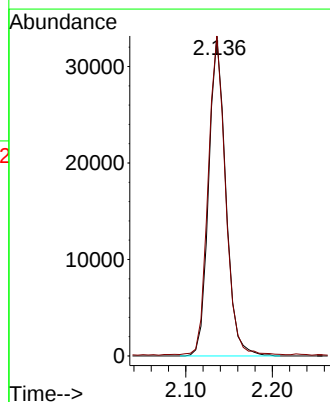
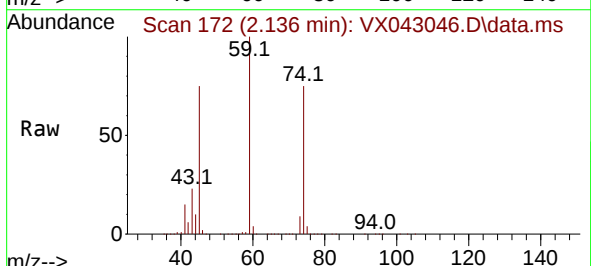
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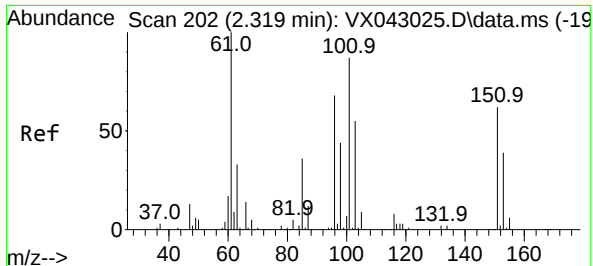
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#8
Diethyl Ether
Concen: 54.528 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX043046.D
Acq: 14 Aug 2024 21:01

Tgt Ion: 74 Resp: 45385
Ion Ratio Lower Upper
74 100
45 101.6 53.3 159.8





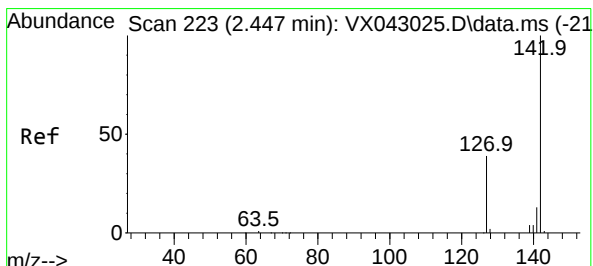
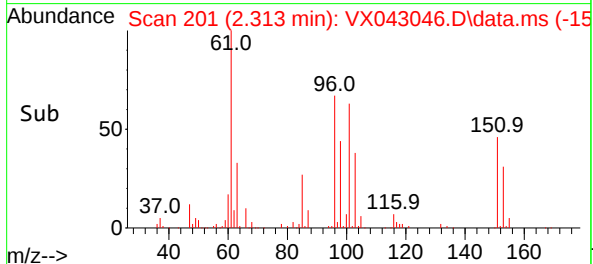
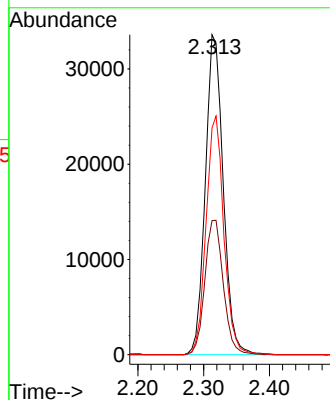
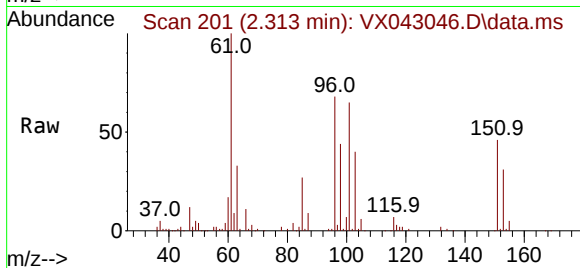
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.524 ug/l
RT: 2.313 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX043046.D
Acq: 14 Aug 2024 21:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 6372
Ion Ratio Lower Upper
101 100
85 43.4 37.0 55.6
151 74.1 58.6 87.8

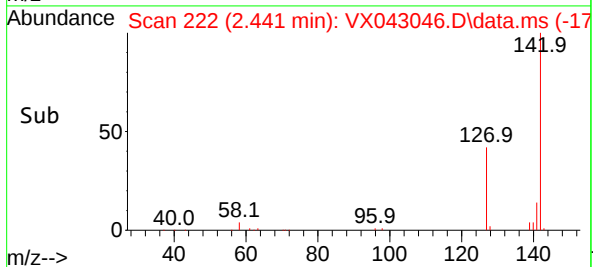
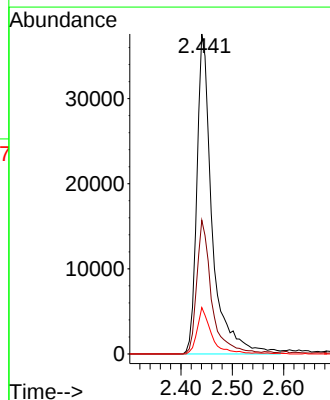
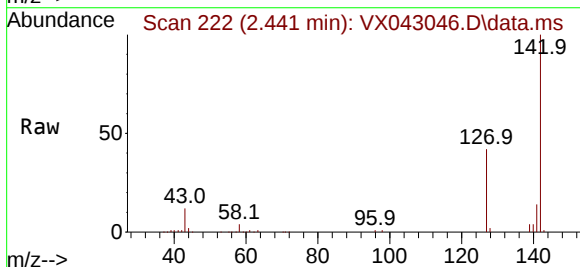
Manual Integrations
APPROVED

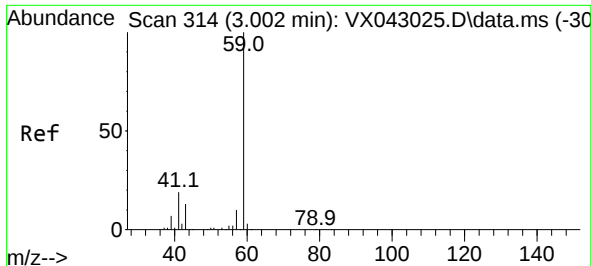
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#10
Methyl Iodide
Concen: 53.113 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX043046.D
Acq: 14 Aug 2024 21:01

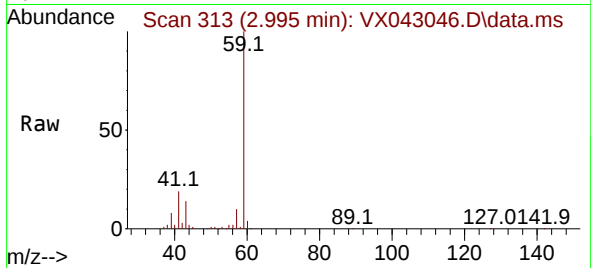
Tgt Ion:142 Resp: 77741
Ion Ratio Lower Upper
142 100
127 40.7 41.6 62.4#
141 13.5 11.6 17.4





#11
Tert butyl alcohol
Concen: 275.620 ug/l
RT: 2.995 min Scan# 314
Delta R.T. -0.006 min
Lab File: VX043046.D
Acq: 14 Aug 2024 21:01

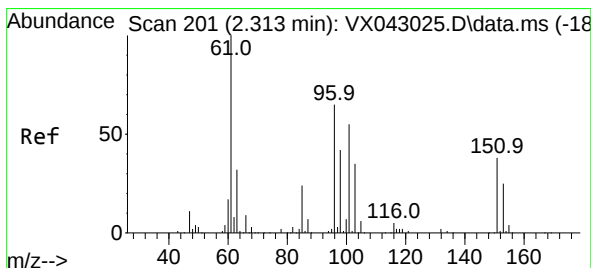
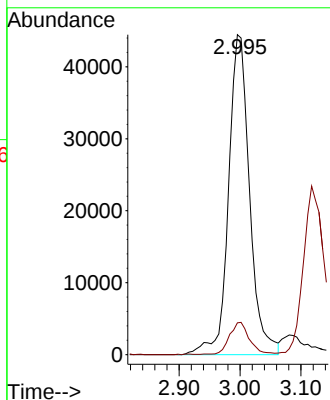
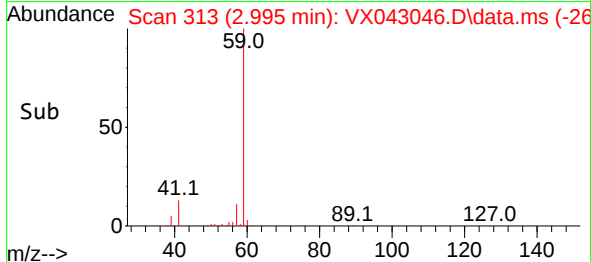
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 10696
Ion Ratio Lower Upper
59 100
57 9.4 6.0 9.0

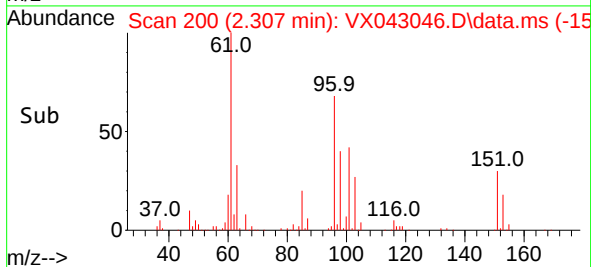
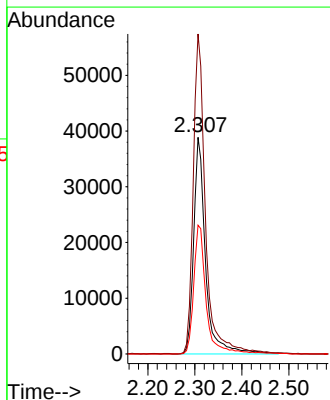
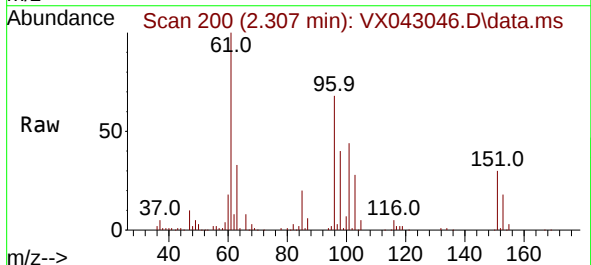
Manual Integrations
APPROVED

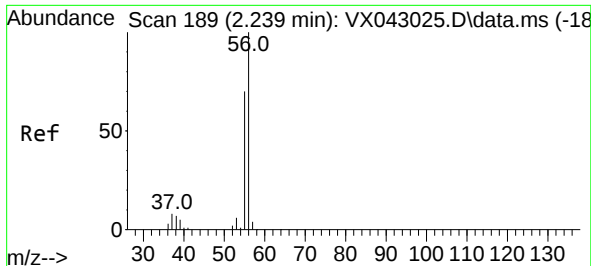
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#12
1,1-Dichloroethene
Concen: 49.867 ug/l
RT: 2.307 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX043046.D
Acq: 14 Aug 2024 21:01

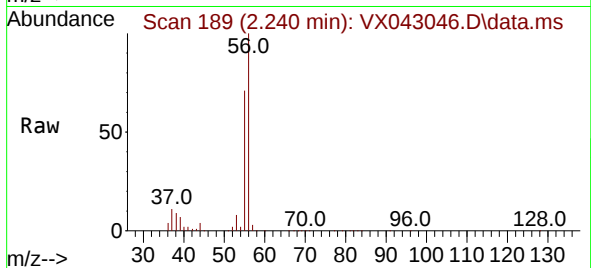
Tgt Ion: 96 Resp: 68853
Ion Ratio Lower Upper
96 100
61 147.7 144.6 216.8
98 59.5 50.4 75.6





#13
Acrolein
Concen: 240.343 ug/l
RT: 2.240 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX043046.D
Acq: 14 Aug 2024 21:01

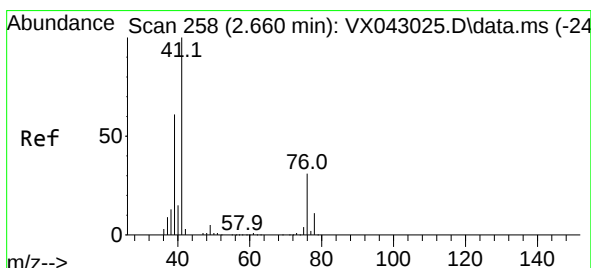
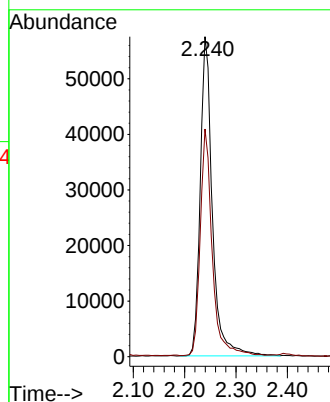
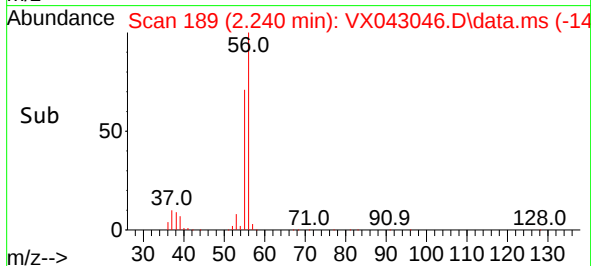
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 94290
Ion Ratio Lower Upper
56 100
55 70.1 57.1 85.7

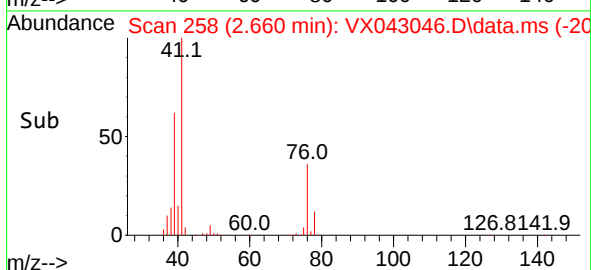
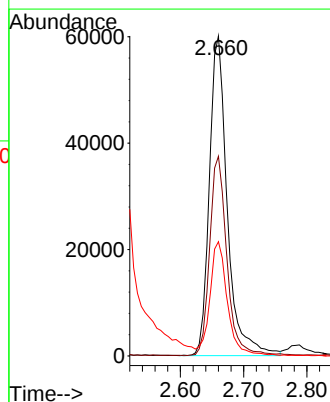
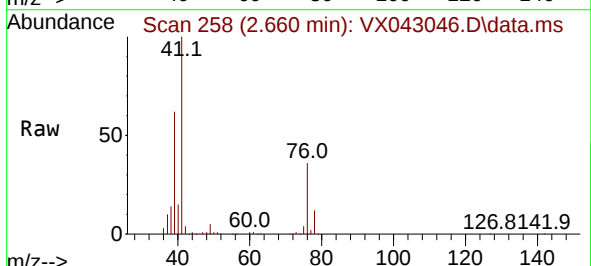
Manual Integrations
APPROVED

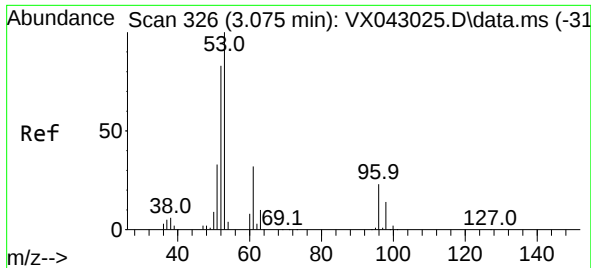
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#14
Allyl chloride
Concen: 45.743 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX043046.D
Acq: 14 Aug 2024 21:01

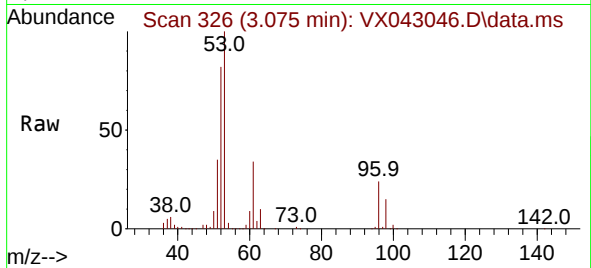
Tgt Ion: 41 Resp: 118375
Ion Ratio Lower Upper
41 100
39 60.4 55.8 83.6
76 34.8 24.3 36.5





#15
Acrylonitrile
Concen: 253.608 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX043046.D
Acq: 14 Aug 2024 21:01

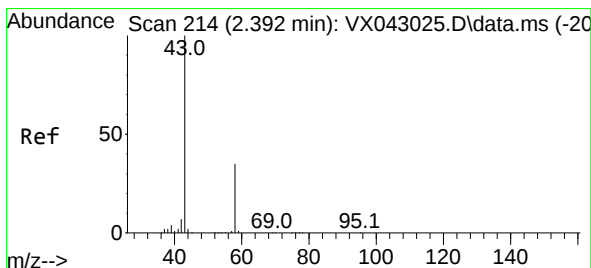
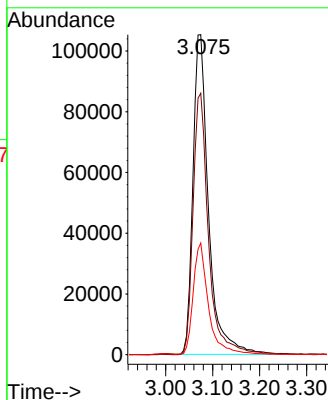
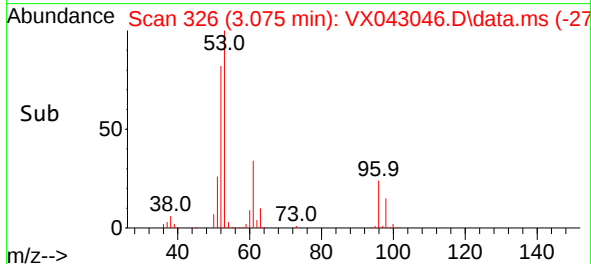
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 24377
Ion Ratio Lower Upper
53 100
52 81.6 66.0 99.0
51 34.1 29.8 44.6

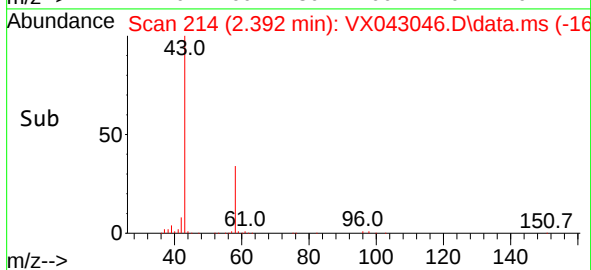
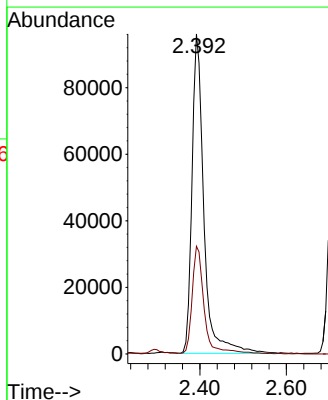
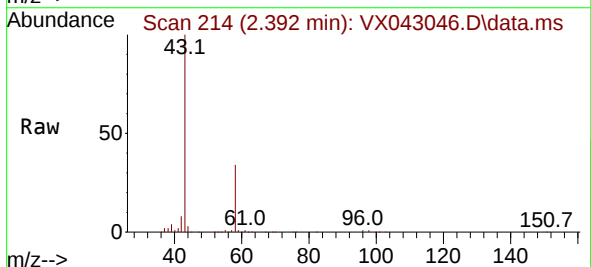
Manual Integrations
APPROVED

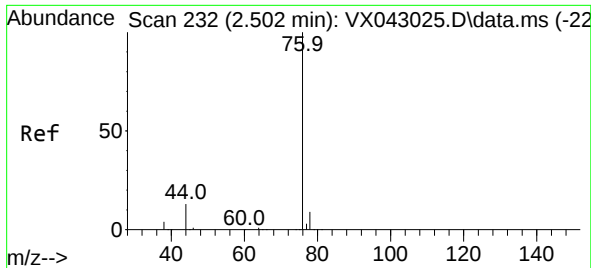
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#16
Acetone
Concen: 245.140 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX043046.D
Acq: 14 Aug 2024 21:01

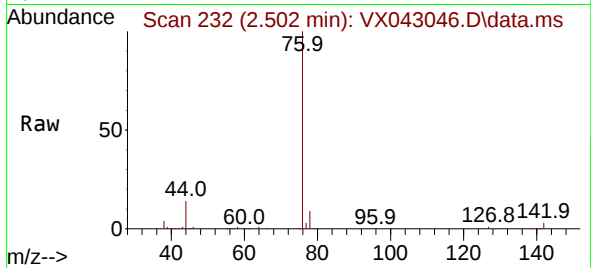
Tgt Ion: 43 Resp: 182884
Ion Ratio Lower Upper
43 100
58 33.6 21.9 32.9#





#17
Carbon Disulfide
Concen: 47.628 ug/l
RT: 2.502 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX043046.D
Acq: 14 Aug 2024 21:01

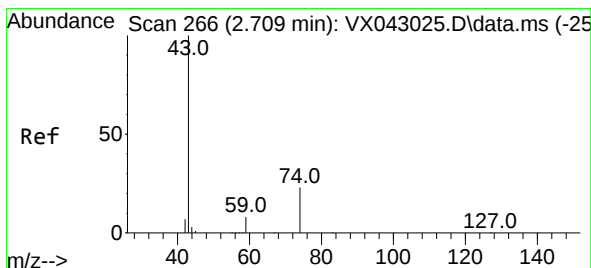
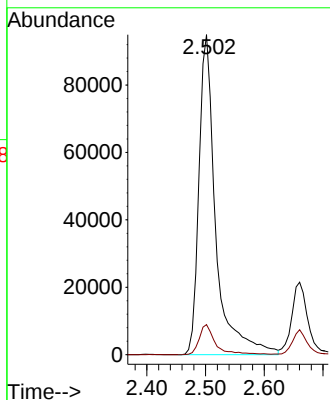
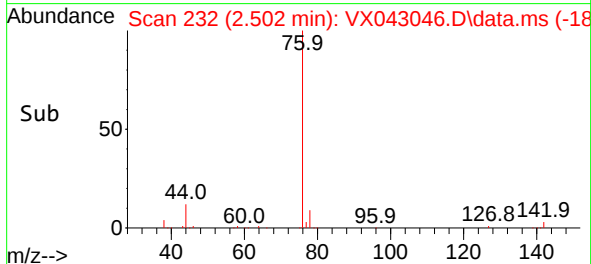
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



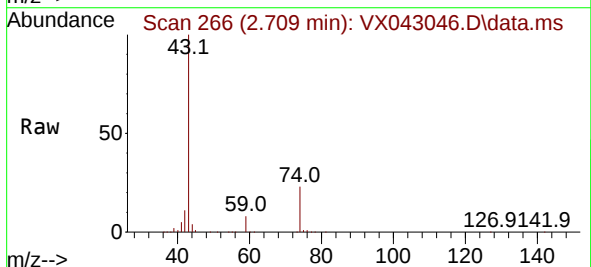
Tgt Ion: 76 Resp: 18858
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.6

Manual Integrations
APPROVED

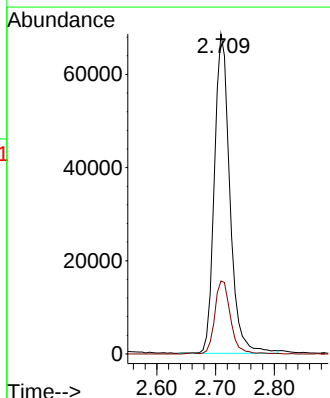
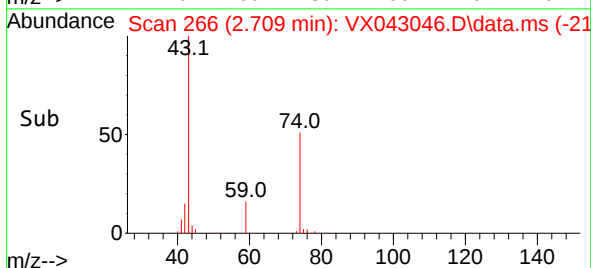
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024

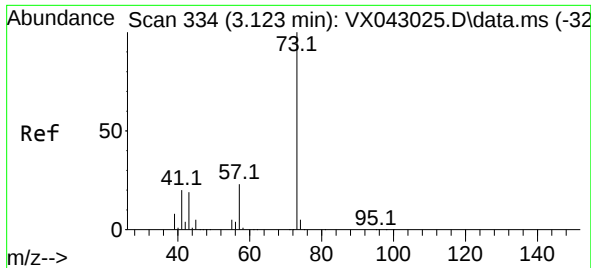


#18
Methyl Acetate
Concen: 50.829 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX043046.D
Acq: 14 Aug 2024 21:01



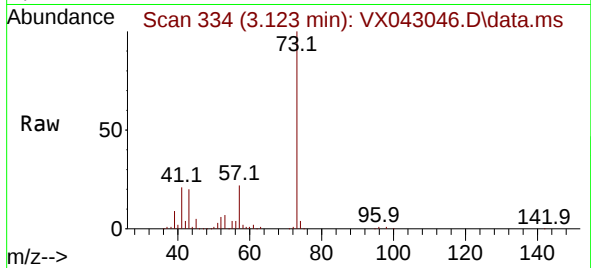
Tgt Ion: 43 Resp: 125312
Ion Ratio Lower Upper
43 100
74 23.3 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 50.073 ug/l
RT: 3.123 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX043046.D
Acq: 14 Aug 2024 21:01

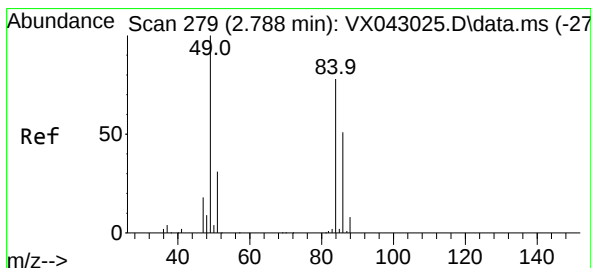
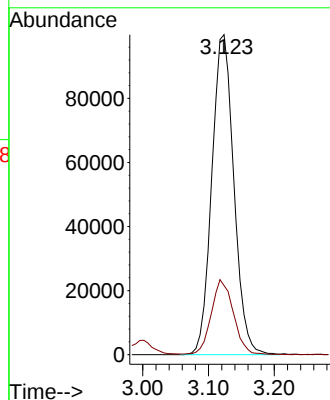
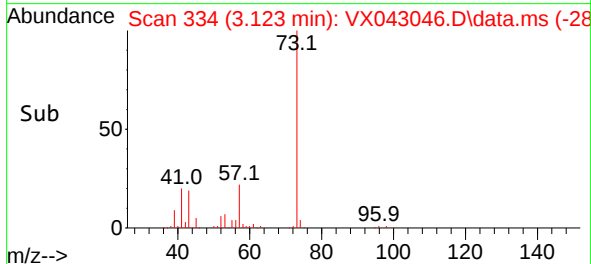
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 23301
Ion Ratio Lower Upper
73 100
57 21.5 17.3 25.9

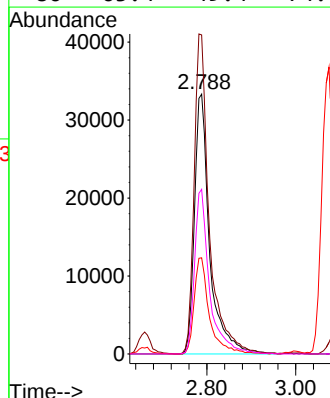
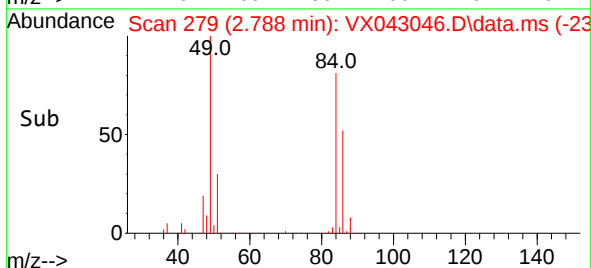
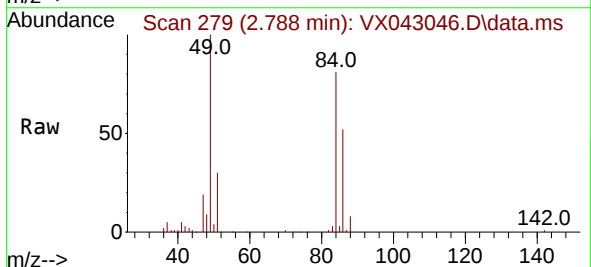
Manual Integrations
APPROVED

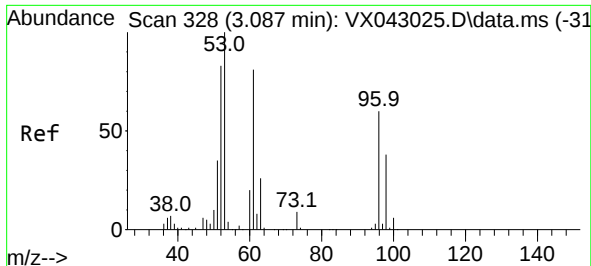
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#20
Methylene Chloride
Concen: 45.841 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX043046.D
Acq: 14 Aug 2024 21:01

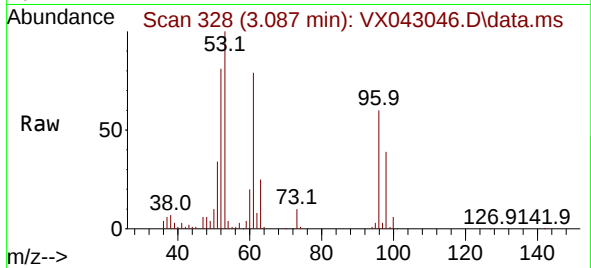
Tgt Ion: 84 Resp: 79085
Ion Ratio Lower Upper
84 100
49 122.8 103.6 155.4
51 37.0 33.8 50.6
86 63.4 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 48.606 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX043046.D
Acq: 14 Aug 2024 21:01

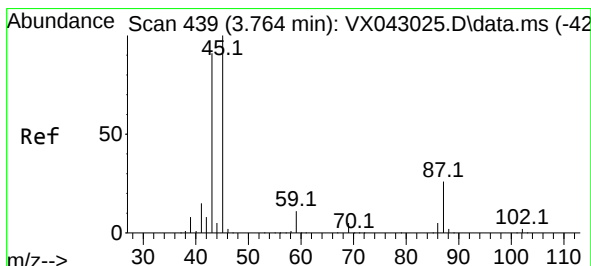
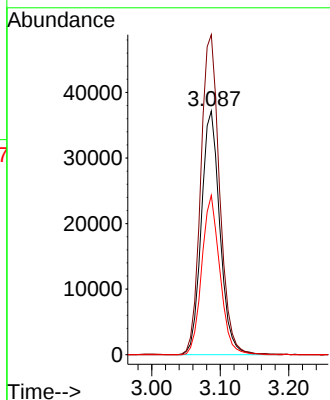
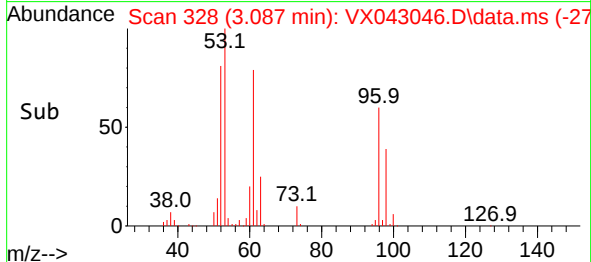
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



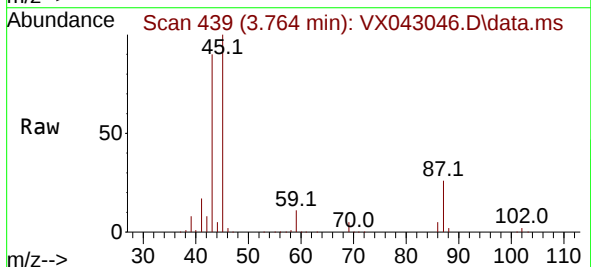
Tgt Ion: 96 Resp: 6999
Ion Ratio Lower Upper
96 100
61 131.3 119.2 178.8
98 65.4 48.7 73.1

Manual Integrations
APPROVED

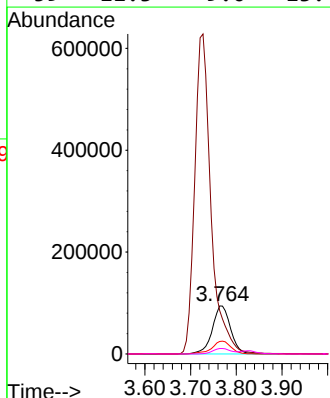
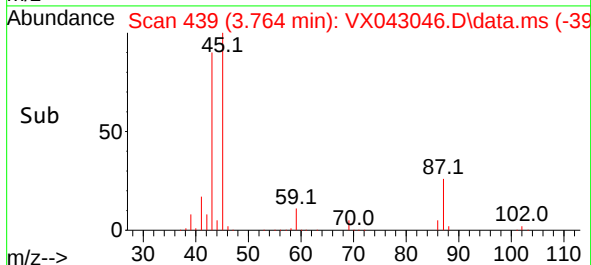
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024

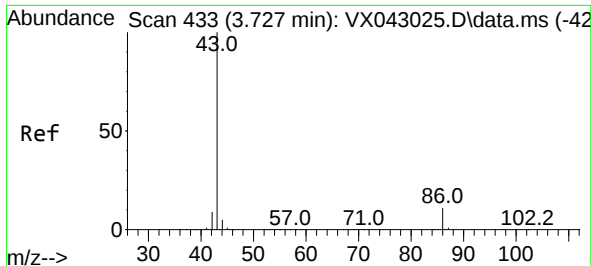


#22
Diisopropyl ether
Concen: 49.518 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX043046.D
Acq: 14 Aug 2024 21:01



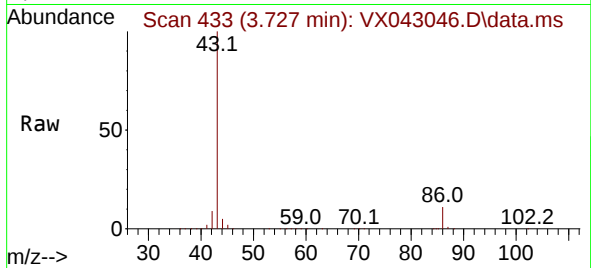
Tgt Ion: 45 Resp: 261674
Ion Ratio Lower Upper
45 100
43 90.3 69.7 104.5
87 25.9 20.8 31.2
59 11.3 9.0 13.4





#23
 Vinyl Acetate
 Concen: 252.453 ug/l
 RT: 3.727 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX043046.D
 Acq: 14 Aug 2024 21:01

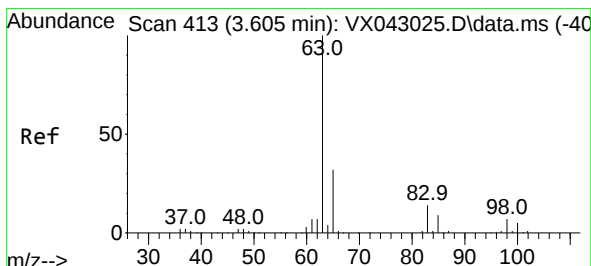
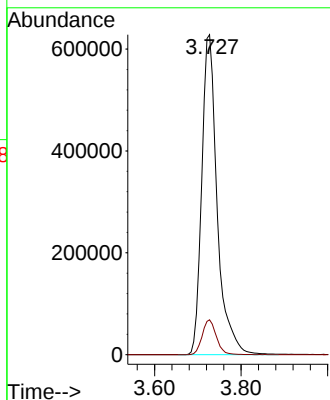
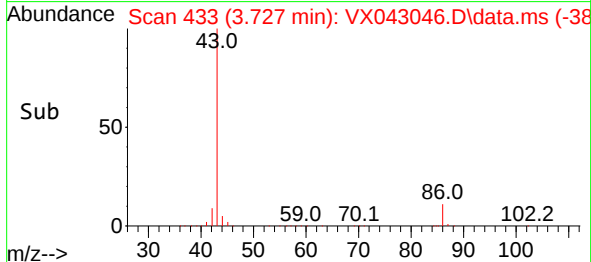
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



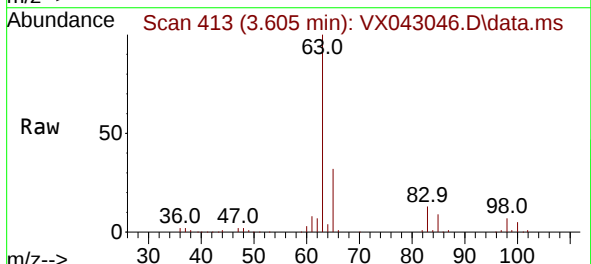
Tgt Ion: 43 Resp: 155525
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.8 11.8

Manual Integrations
 APPROVED

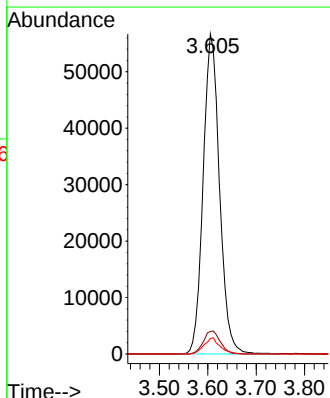
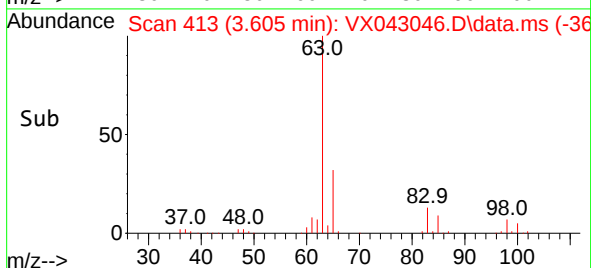
Reviewed By :John Carlone 08/15/2024
 Supervised By :Mahesh Dadoda 08/15/2024

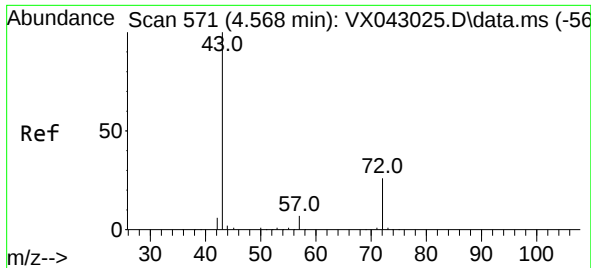


#24
 1,1-Dichloroethane
 Concen: 50.020 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX043046.D
 Acq: 14 Aug 2024 21:01



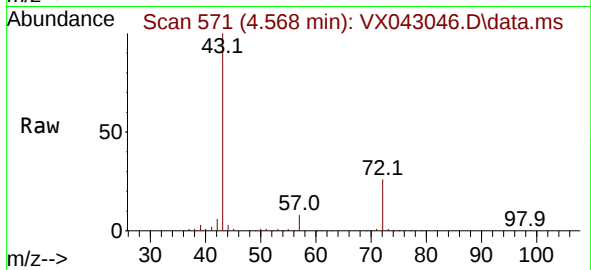
Tgt Ion: 63 Resp: 133313
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.3 9.8
 100 4.8 2.1 6.5





#25
2-Butanone
Concen: 253.252 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX043046.D
Acq: 14 Aug 2024 21:01

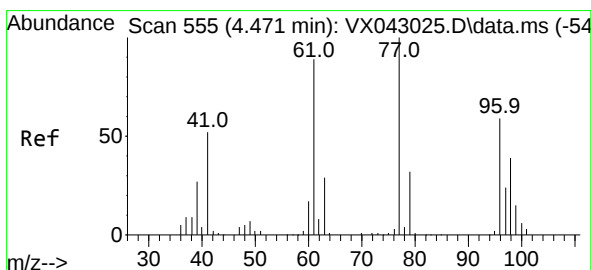
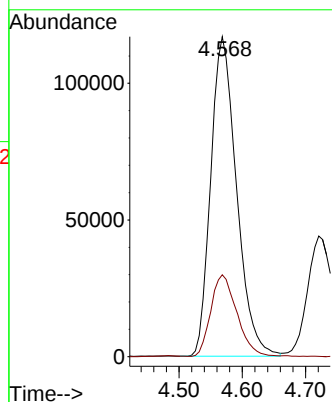
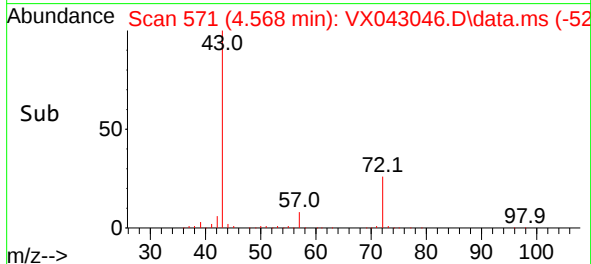
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 331209
Ion Ratio Lower Upper
43 100
72 25.5 19.4 29.2

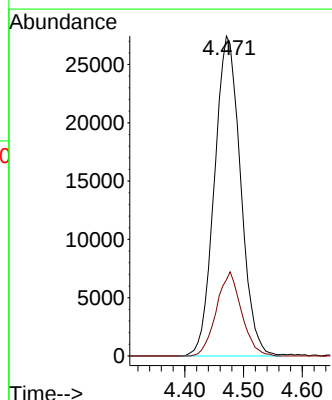
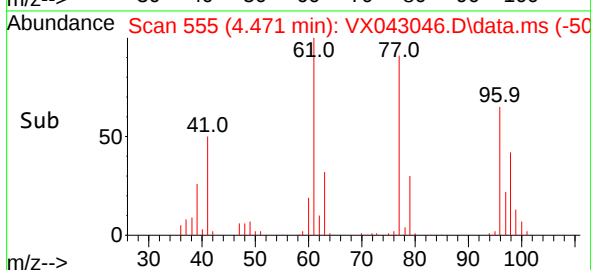
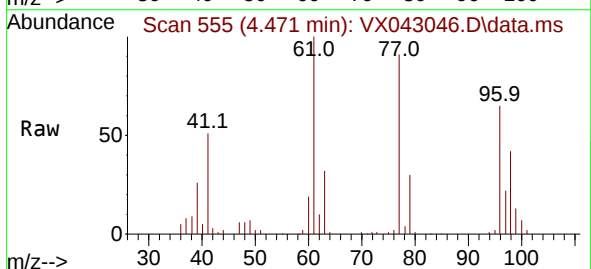
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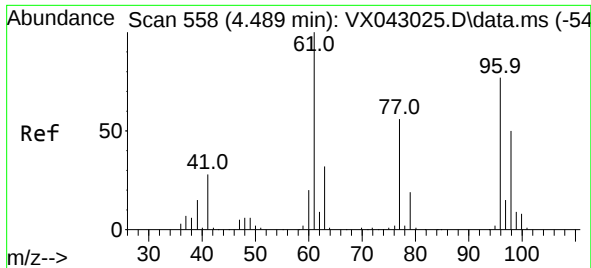
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#26
2,2-Dichloropropane
Concen: 39.925 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX043046.D
Acq: 14 Aug 2024 21:01

Tgt Ion: 77 Resp: 84770
Ion Ratio Lower Upper
77 100
97 25.2 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 48.840 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX043046.D

Acq: 14 Aug 2024 21:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 84889

Ion Ratio Lower Upper

96 100

61 138.0 0.0 312.2

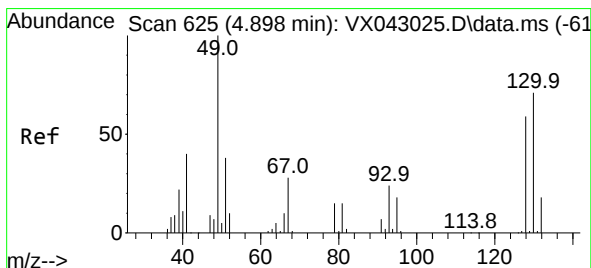
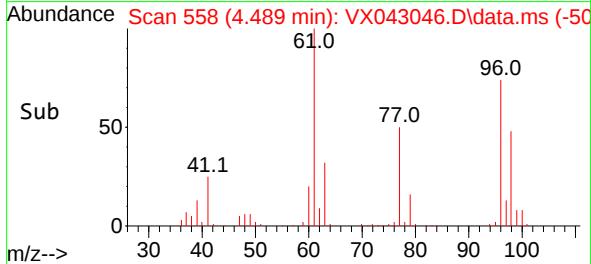
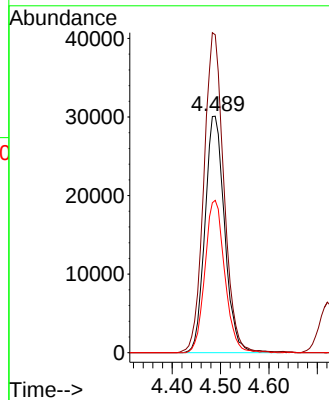
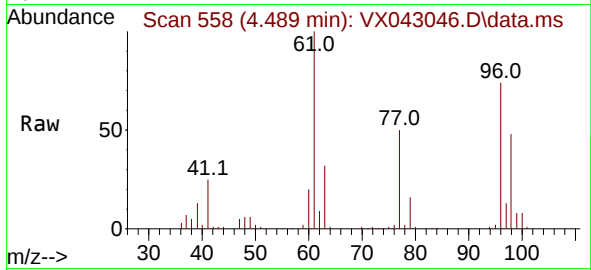
98 65.0 0.0 129.0

Manual Integrations

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Reviewed By :John Carlone 08/15/2024

Supervised By :Mahesh Dadoda 08/15/2024



#28

Bromochloromethane

Concen: 46.393 ug/l

RT: 4.898 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX043046.D

Acq: 14 Aug 2024 21:01

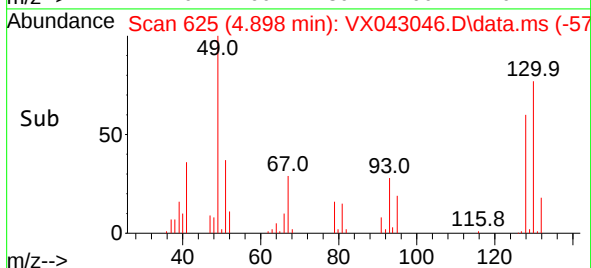
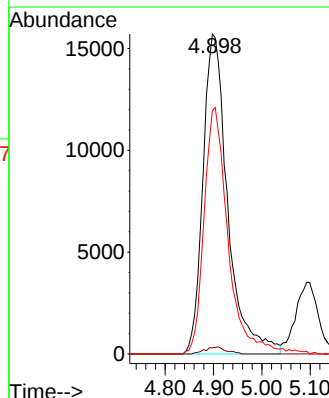
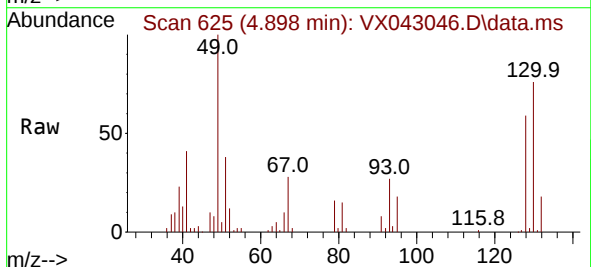
Tgt Ion: 49 Resp: 55938

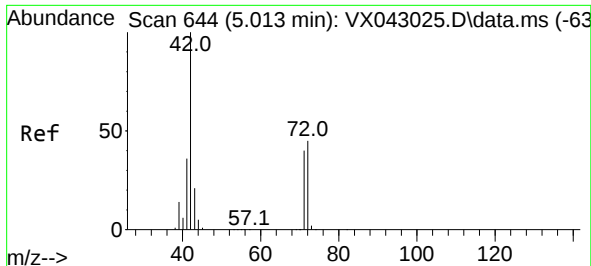
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

130 75.0 57.5 86.3





#29

Tetrahydrofuran

Concen: 253.442 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.000 min

Lab File: VX043046.D

Acq: 14 Aug 2024 21:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 22973

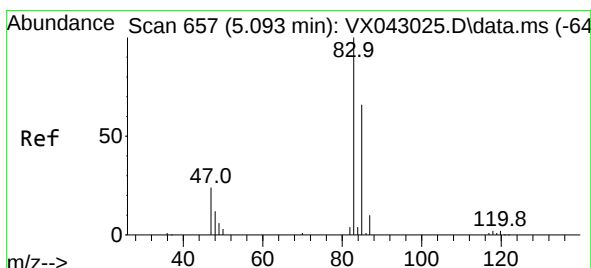
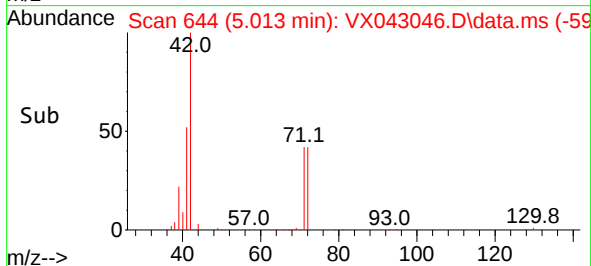
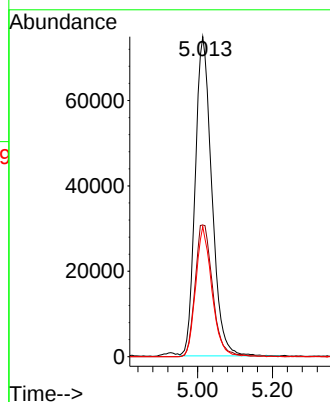
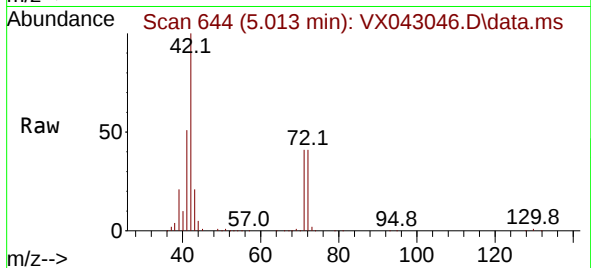
Ion	Ratio	Lower	Upper
42	100		
72	43.7	34.2	51.4
71	39.9	32.2	48.2

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Reviewed By :John Carlone 08/15/2024

Supervised By :Mahesh Dadoda 08/15/2024



#30

Chloroform

Concen: 49.825 ug/l

RT: 5.093 min Scan# 657

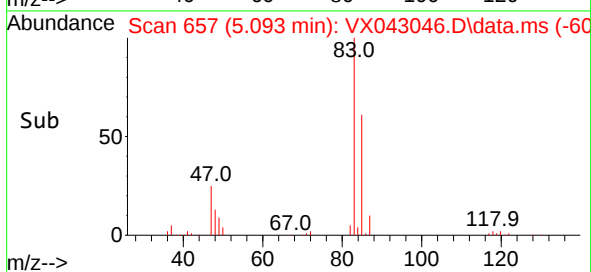
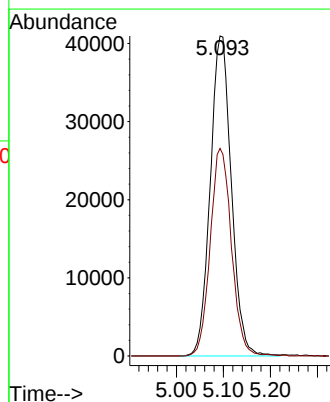
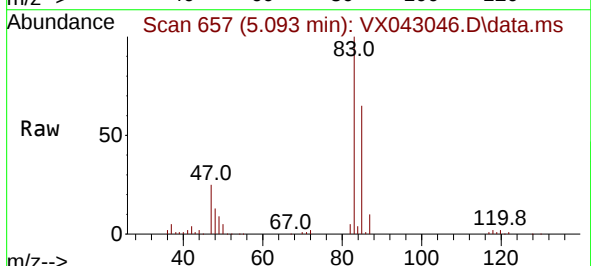
Delta R.T. 0.000 min

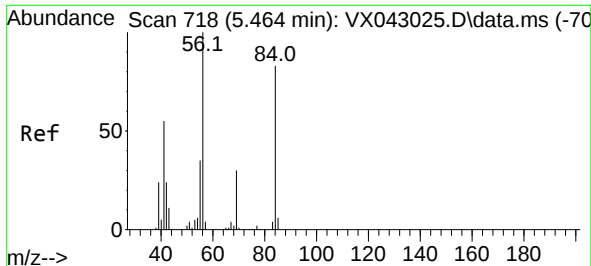
Lab File: VX043046.D

Acq: 14 Aug 2024 21:01

Tgt Ion: 83 Resp: 127565

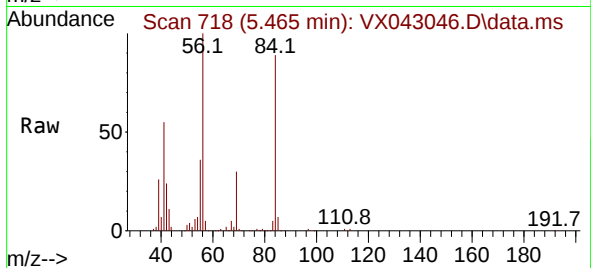
Ion	Ratio	Lower	Upper
83	100		
85	64.8	50.3	75.5





#31
Cyclohexane
Concen: 47.059 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX043046.D
Acq: 14 Aug 2024 21:01

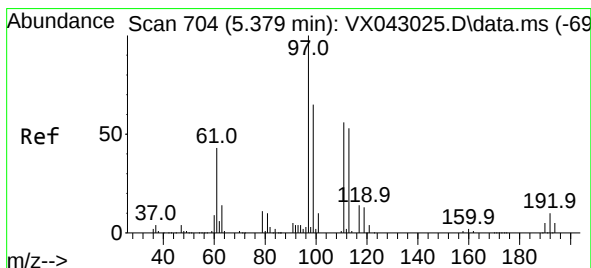
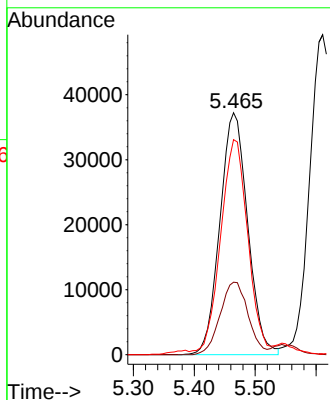
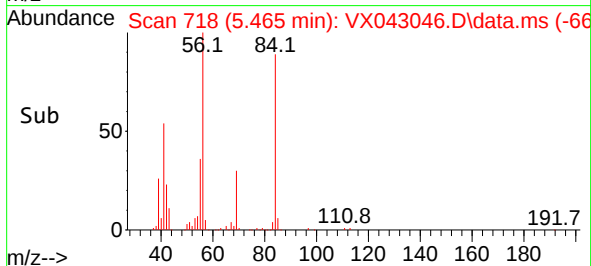
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 117962
Ion Ratio Lower Upper
56 100
69 30.0 23.4 35.2
84 87.3 65.9 98.9

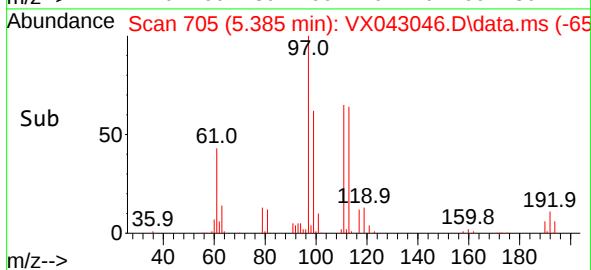
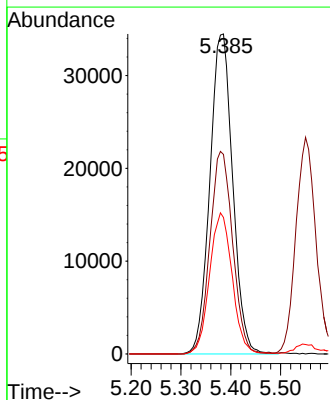
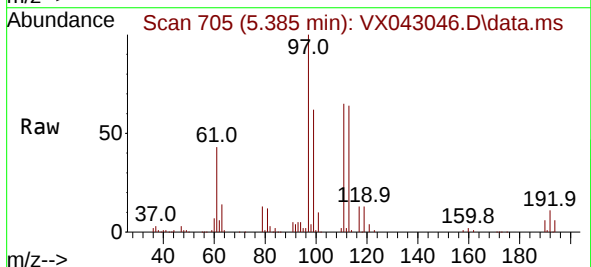
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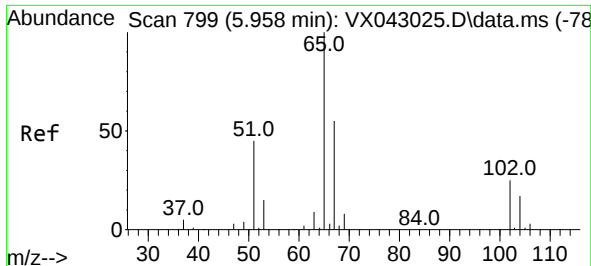
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#32
1,1,1-Trichloroethane
Concen: 51.322 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX043046.D
Acq: 14 Aug 2024 21:01

Tgt Ion: 97 Resp: 109693
Ion Ratio Lower Upper
97 100
99 63.2 51.1 76.7
61 43.8 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 50.064 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX043046.D

Acq: 14 Aug 2024 21:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 7530

Ion Ratio Lower Upper

65 100

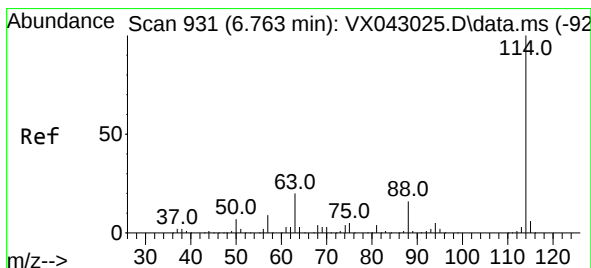
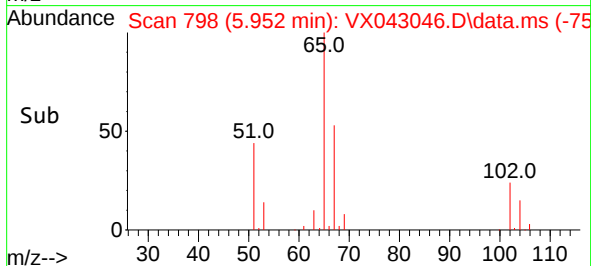
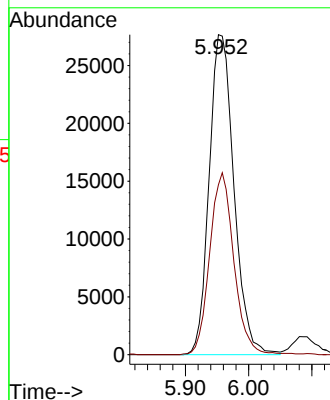
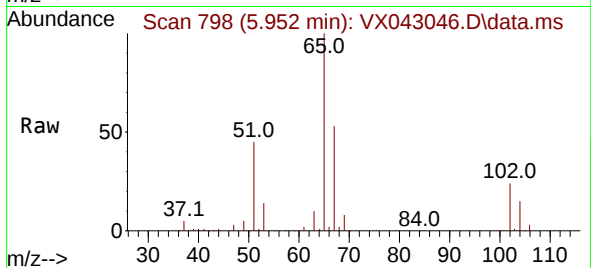
67 55.6 0.0 100.2

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Reviewed By :John Carlone 08/15/2024

Supervised By :Mahesh Dadoda 08/15/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX043046.D

Acq: 14 Aug 2024 21:01

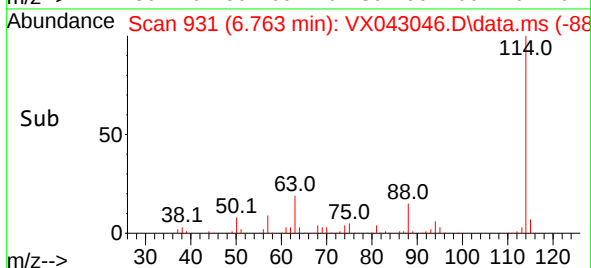
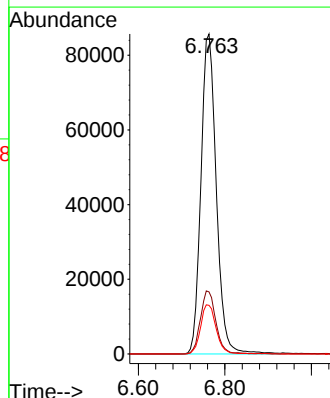
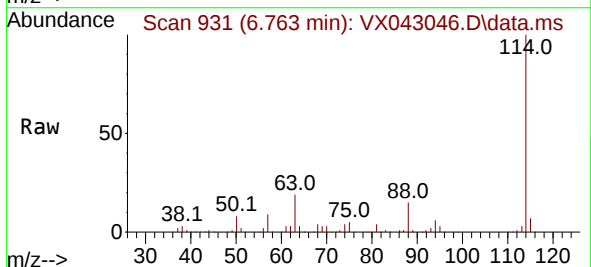
Tgt Ion:114 Resp: 210687

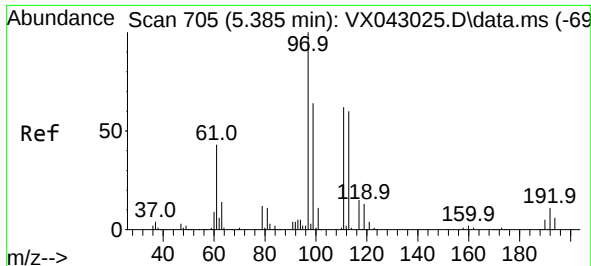
Ion Ratio Lower Upper

114 100

63 19.4 0.0 45.0

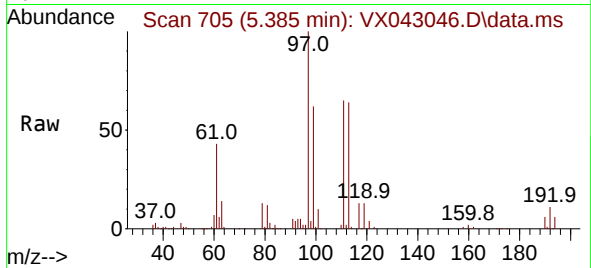
88 15.2 0.0 36.6





#35
Dibromofluoromethane
Concen: 49.855 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX043046.D
Acq: 14 Aug 2024 21:01

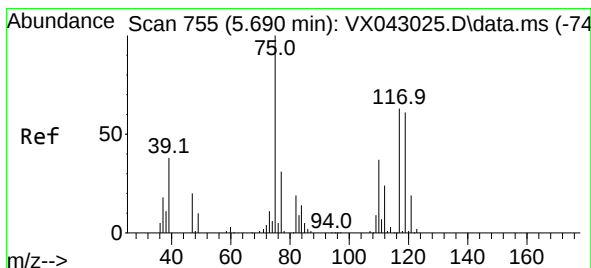
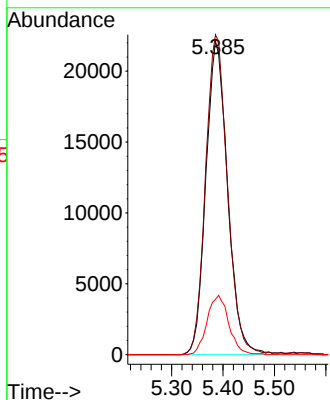
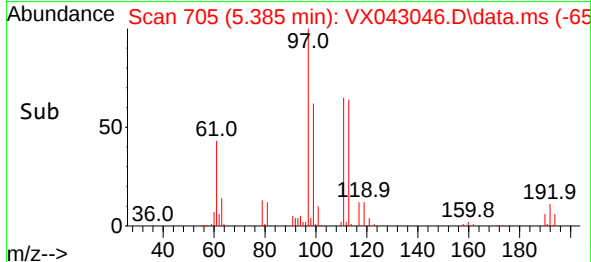
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 64980
Ion Ratio Lower Upper
113 100
111 102.8 82.9 124.3
192 18.9 13.3 19.9

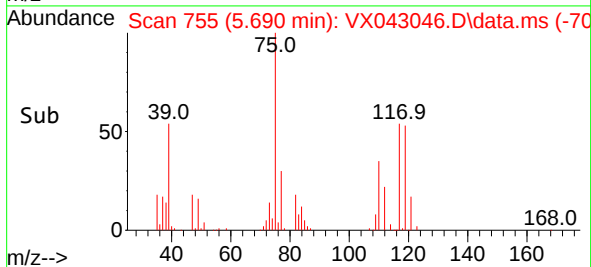
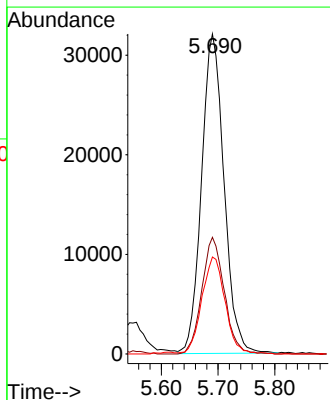
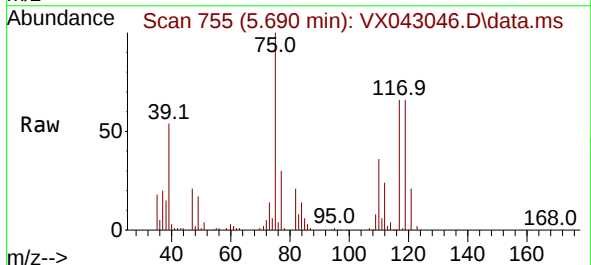
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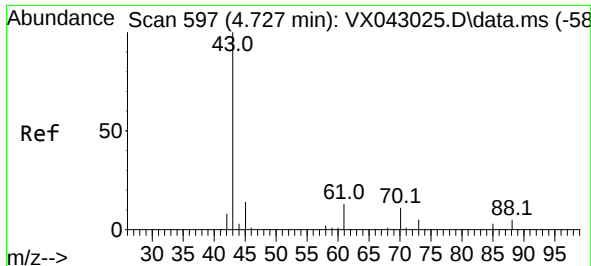
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#36
1,1-Dichloropropene
Concen: 48.794 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX043046.D
Acq: 14 Aug 2024 21:01

Tgt Ion: 75 Resp: 88352
Ion Ratio Lower Upper
75 100
110 36.5 17.0 50.9
77 31.4 24.7 37.1





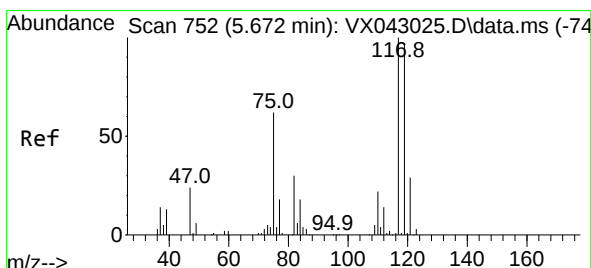
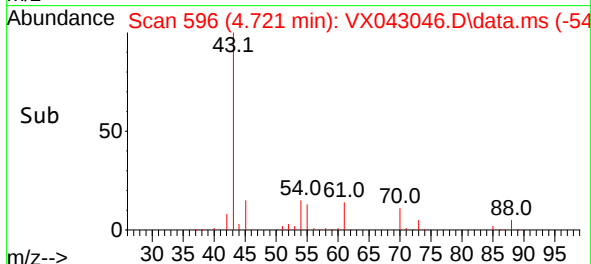
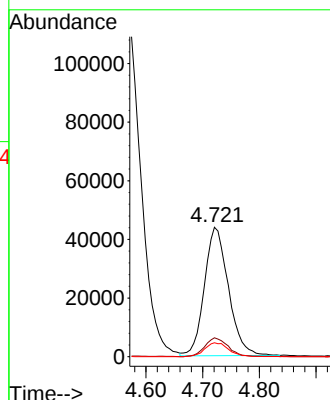
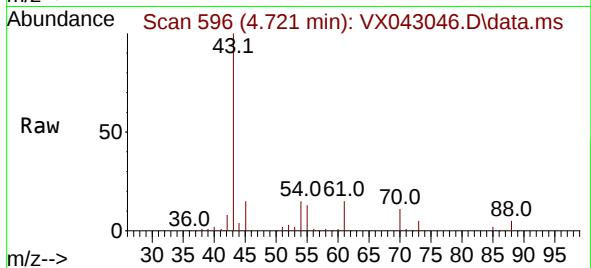
#37
Ethyl Acetate
Concen: 50.605 ug/l
RT: 4.721 min Scan# 596
Delta R.T. -0.006 min
Lab File: VX043046.D
Acq: 14 Aug 2024 21:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 12908
Ion Ratio Lower Upper
43 100
61 14.3 10.6 16.0
70 10.8 8.3 12.5

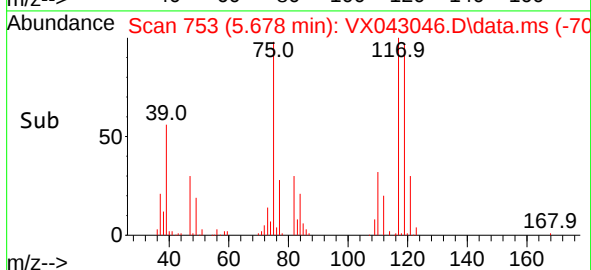
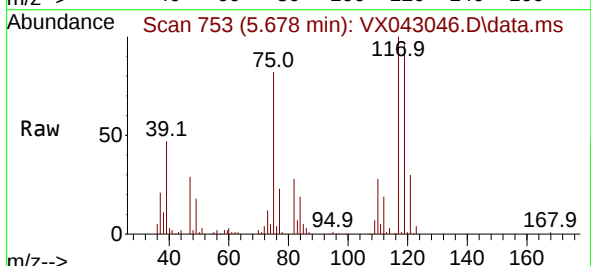
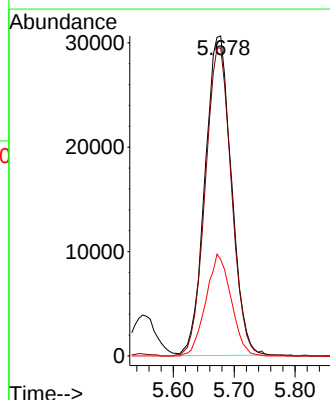
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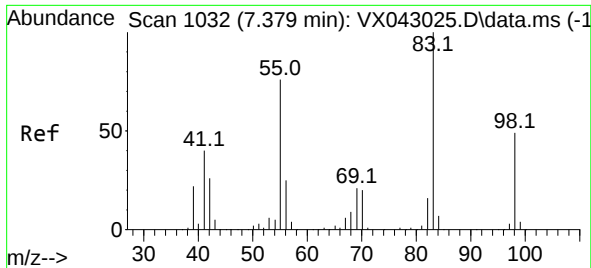
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#38
Carbon Tetrachloride
Concen: 50.328 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.006 min
Lab File: VX043046.D
Acq: 14 Aug 2024 21:01

Tgt Ion:117 Resp: 92149
Ion Ratio Lower Upper
117 100
119 96.3 78.2 117.2
121 30.1 24.4 36.6





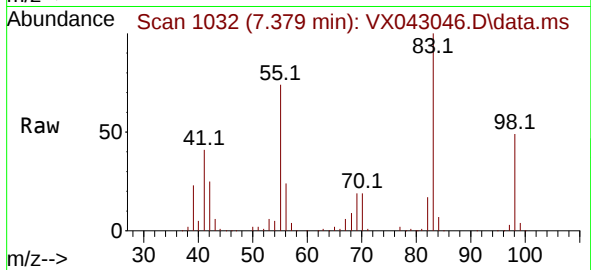
#39
Methylcyclohexane
Concen: 47.948 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX043046.D
Acq: 14 Aug 2024 21:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



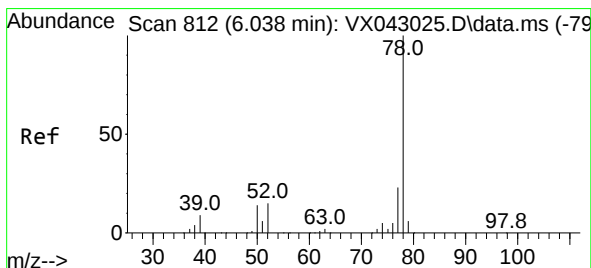
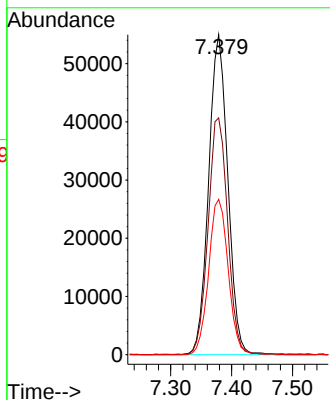
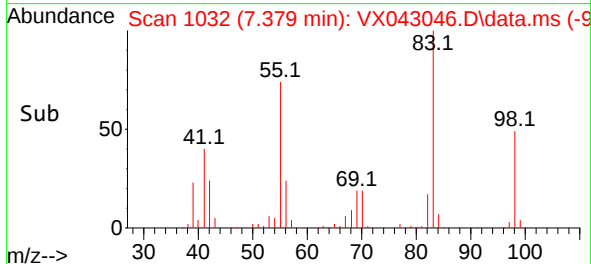
Tgt Ion: 83 Resp: 120200
Ion Ratio Lower Upper
83 100
55 73.8 64.6 97.0
98 48.6 36.7 55.1

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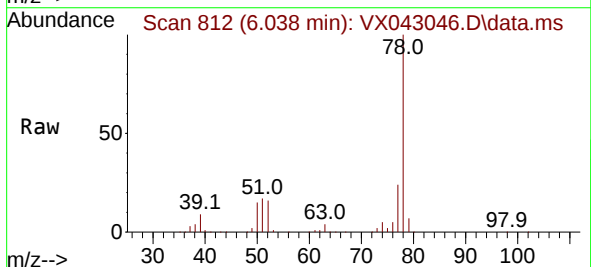
APPROVED

Reviewed By :John Carlone 08/15/2024

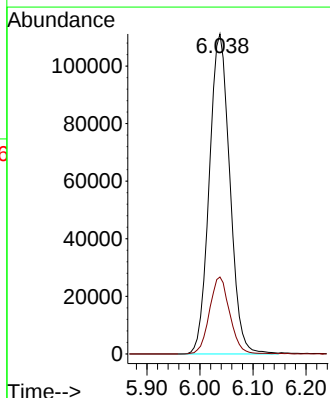
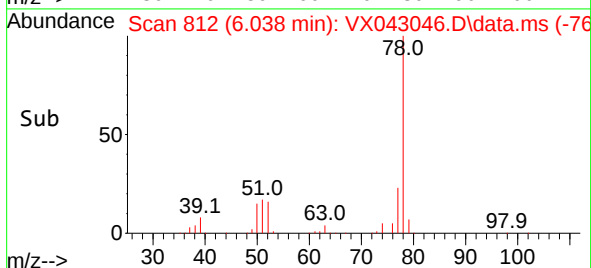
Supervised By :Mahesh Dadoda 08/15/2024

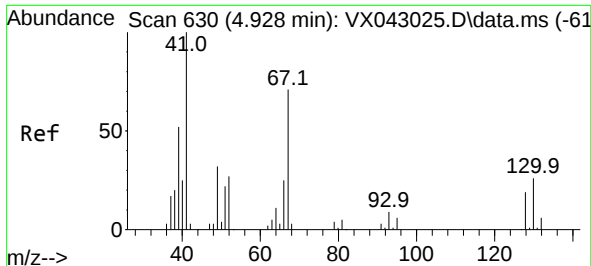


#40
Benzene
Concen: 48.438 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX043046.D
Acq: 14 Aug 2024 21:01



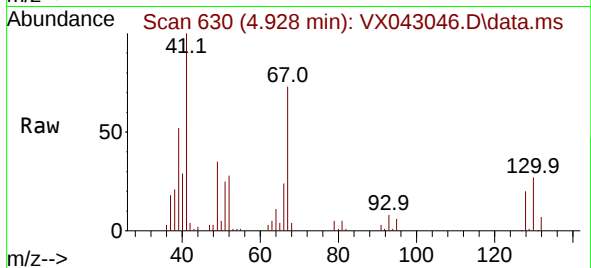
Tgt Ion: 78 Resp: 298803
Ion Ratio Lower Upper
78 100
77 24.1 19.3 28.9





#41
Methacrylonitrile
Concen: 51.471 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX043046.D
Acq: 14 Aug 2024 21:01

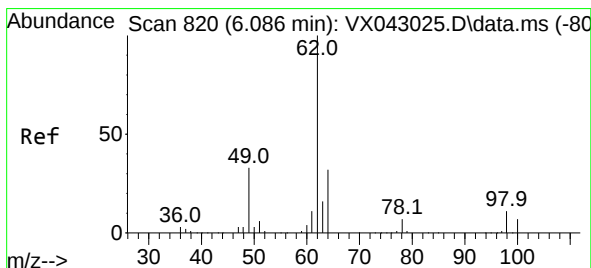
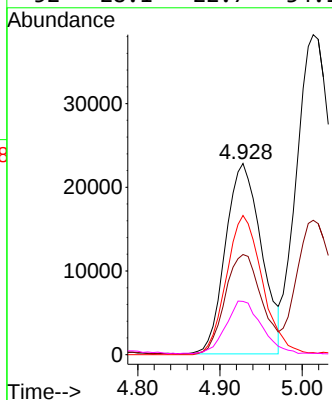
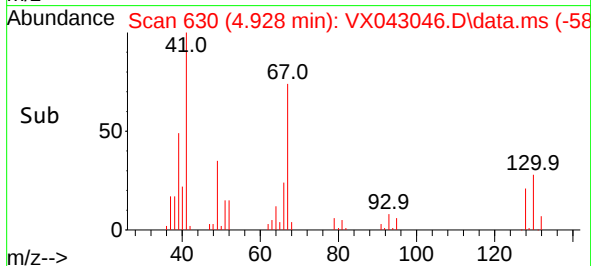
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 6919
Ion Ratio Lower Upper
41 100
39 52.8 45.2 67.8
67 73.4 52.6 78.8
52 28.1 22.7 34.1

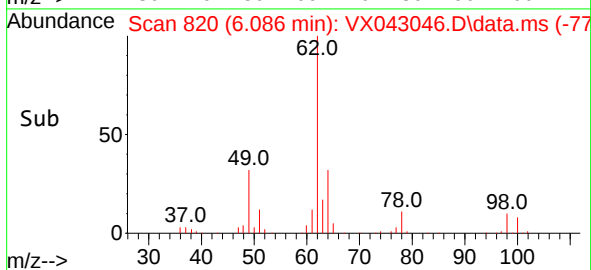
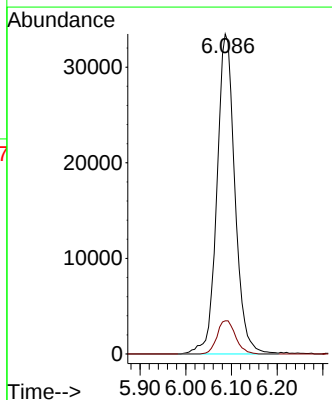
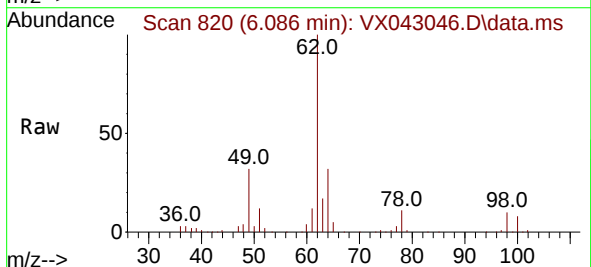
Manual Integrations
APPROVED

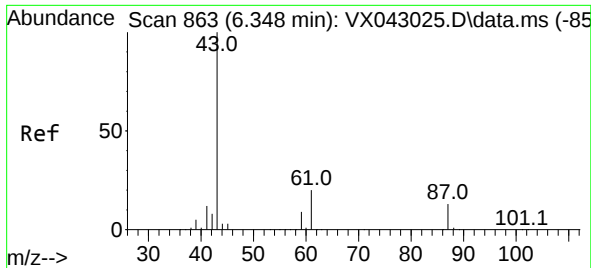
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#42
1,2-Dichloroethane
Concen: 51.021 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX043046.D
Acq: 14 Aug 2024 21:01

Tgt Ion: 62 Resp: 91551
Ion Ratio Lower Upper
62 100
98 10.7 0.0 16.0





#43

Isopropyl Acetate

Concen: 50.159 ug/l

RT: 6.349 min Scan# 80

Delta R.T. 0.000 min

Lab File: VX043046.D

Acq: 14 Aug 2024 21:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

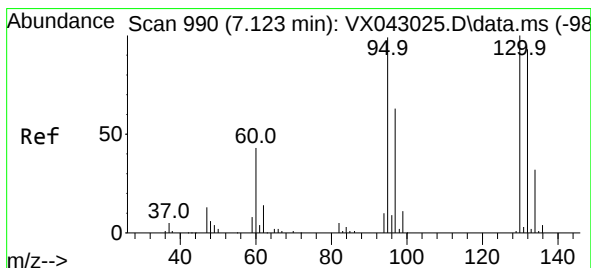
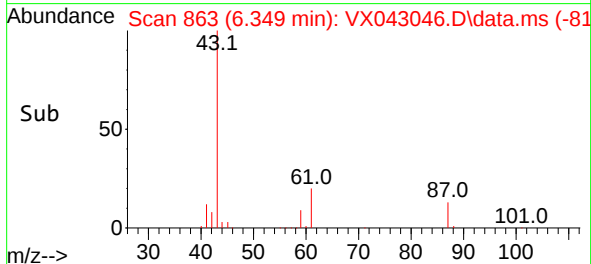
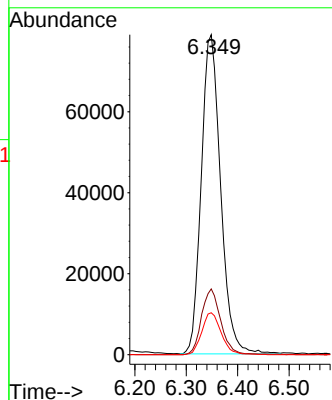
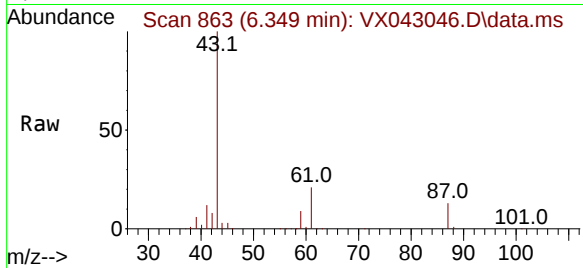
Tgt Ion: 43	Resp: 20643
Ion Ratio	Lower Upper
43	100
61	20.4 15.2 22.8
87	13.2 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2024

Supervised By :Mahesh Dadoda 08/15/2024



#44

Trichloroethene

Concen: 50.498 ug/l

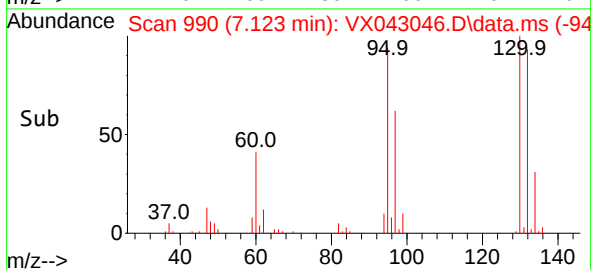
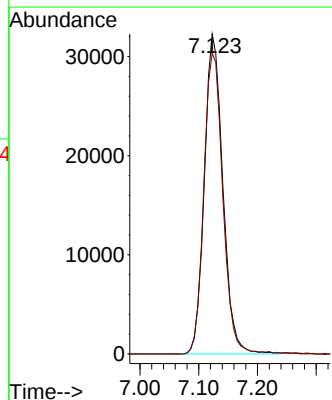
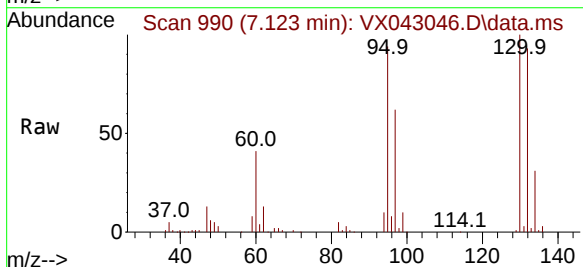
RT: 7.123 min Scan# 990

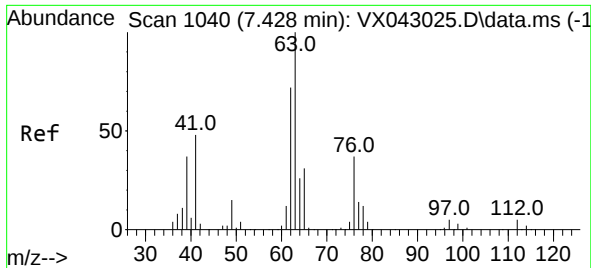
Delta R.T. 0.000 min

Lab File: VX043046.D

Acq: 14 Aug 2024 21:01

Tgt Ion:130	Resp: 70543
Ion Ratio	Lower Upper
130	100
95	94.1 0.0 204.4





#45
1,2-Dichloropropane
Concen: 49.697 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VX043046.D
Acq: 14 Aug 2024 21:01

Instrument :

MSVOA_X

ClientSampleId :

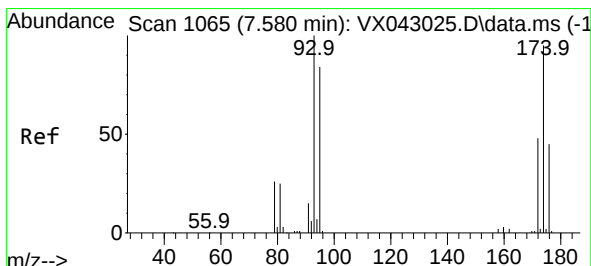
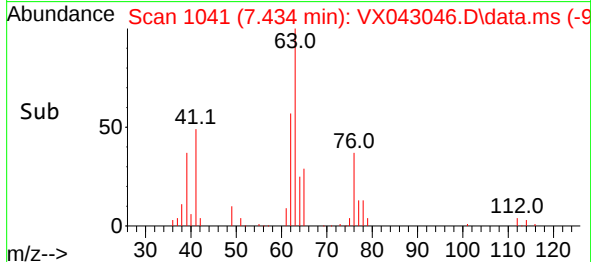
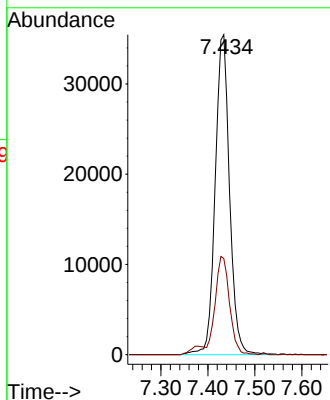
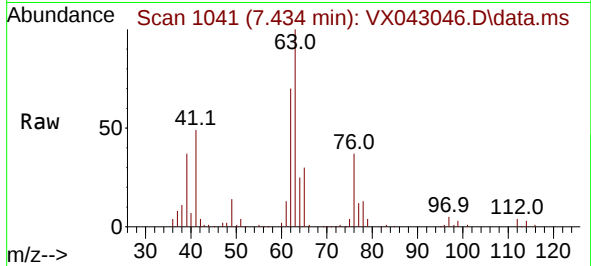
VSTDCCC050EC

Tgt Ion: 63 Resp: 7544
Ion Ratio Lower Upper
63 100
65 30.1 24.3 36.5

Manual Integrations

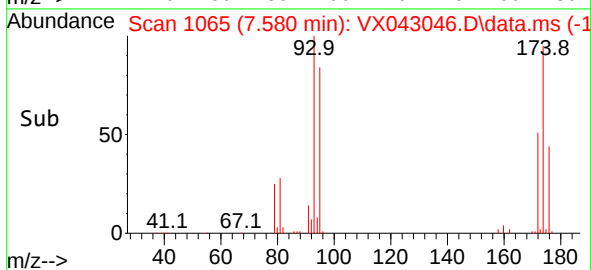
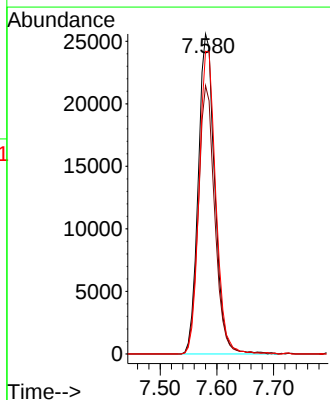
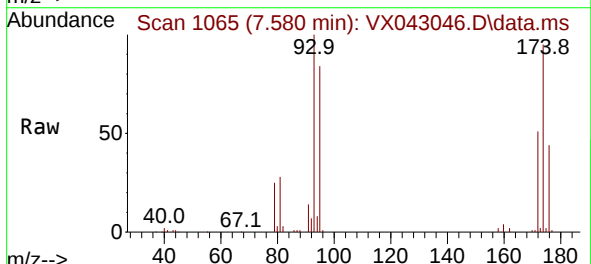
APPROVED

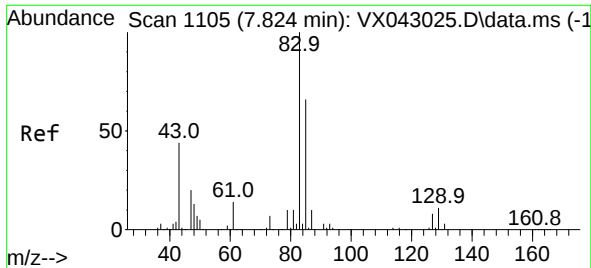
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#46
Dibromomethane
Concen: 49.905 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX043046.D
Acq: 14 Aug 2024 21:01

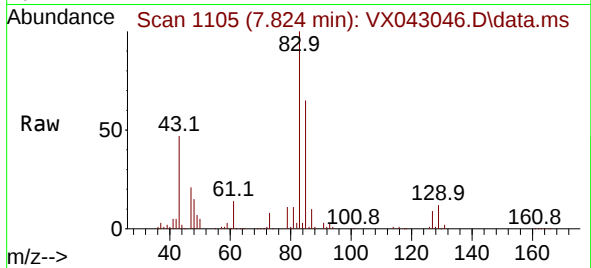
Tgt Ion: 93 Resp: 51801
Ion Ratio Lower Upper
93 100
95 83.3 66.6 100.0
174 95.5 69.4 104.0





#47
Bromodichloromethane
Concen: 49.489 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX043046.D
Acq: 14 Aug 2024 21:01

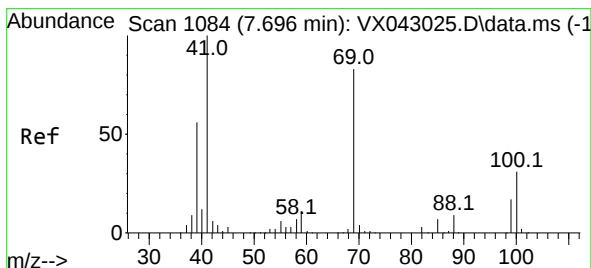
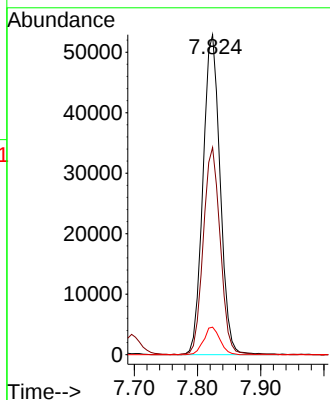
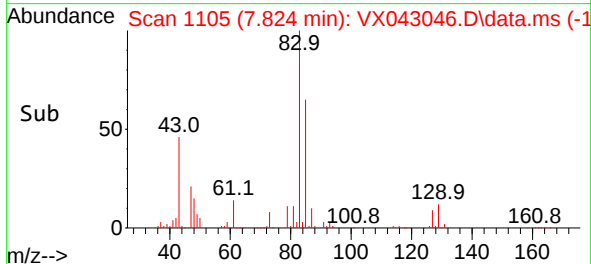
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 99740
Ion Ratio Lower Upper
83 100
85 64.7 49.8 74.6
127 8.6 7.1 10.7

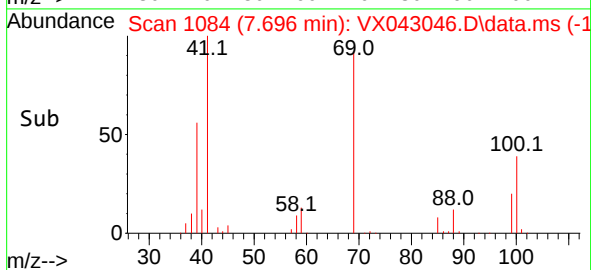
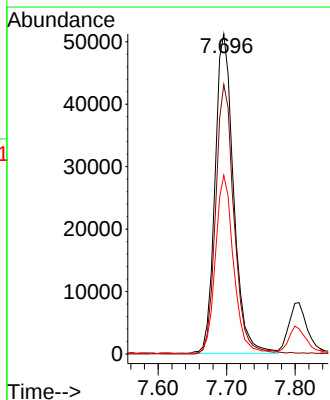
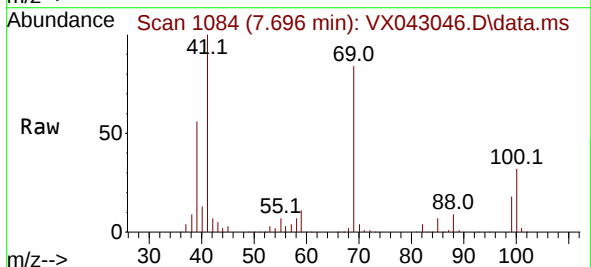
Manual Integrations
APPROVED

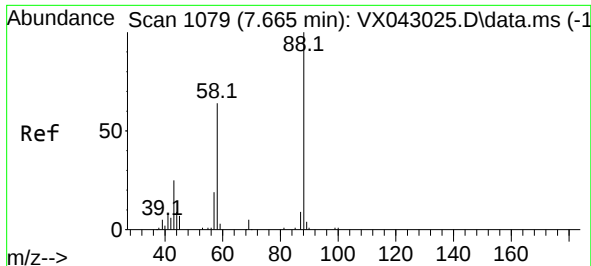
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#48
Methyl methacrylate
Concen: 48.832 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX043046.D
Acq: 14 Aug 2024 21:01

Tgt Ion: 41 Resp: 95793
Ion Ratio Lower Upper
41 100
69 83.9 59.2 88.8
39 54.5 47.7 71.5





#49

1,4-Dioxane

Concen: 1088.197 ug/l

RT: 7.665 min Scan# 1079

Delta R.T. 0.000 min

Lab File: VX043046.D

Acq: 14 Aug 2024 21:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

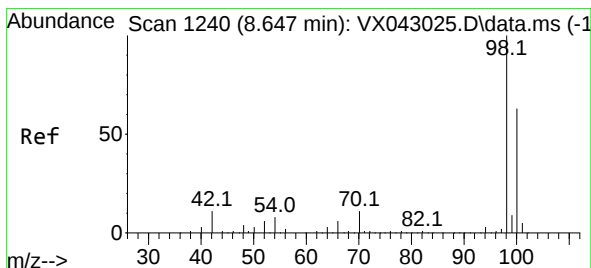
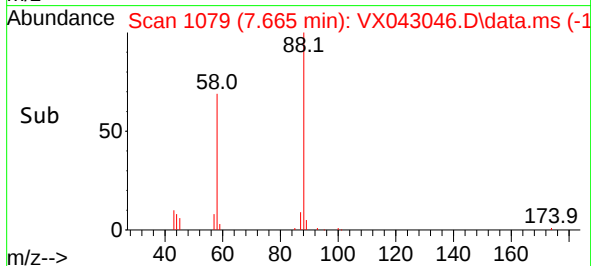
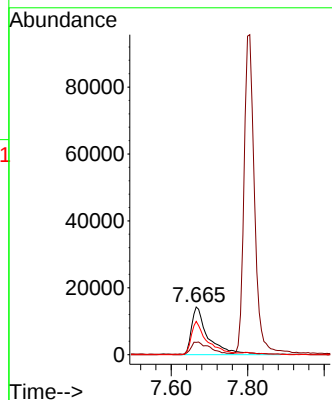
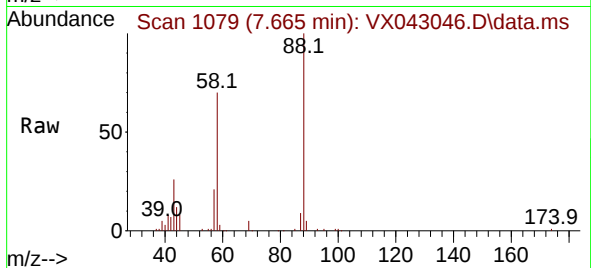
Tgt Ion: 88 Resp: 43730
 Ion Ratio Lower Upper
 88 100
 43 28.0 0.0 0.0
 58 65.0 60.1 90.1

Manual Integrations

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Reviewed By :John Carlone 08/15/2024

Supervised By :Mahesh Dadoda 08/15/2024



#50

Toluene-d8

Concen: 49.521 ug/l

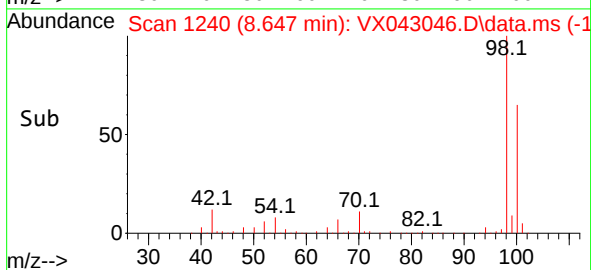
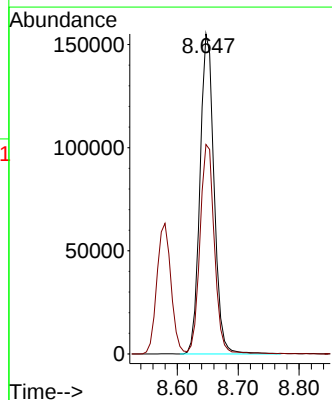
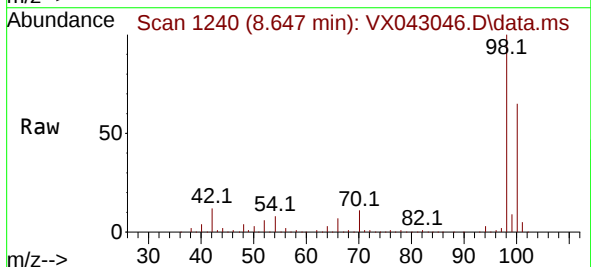
RT: 8.647 min Scan# 1240

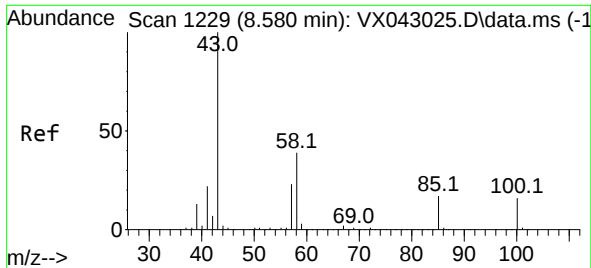
Delta R.T. -0.000 min

Lab File: VX043046.D

Acq: 14 Aug 2024 21:01

Tgt Ion: 98 Resp: 249159
 Ion Ratio Lower Upper
 98 100
 100 66.7 53.1 79.7





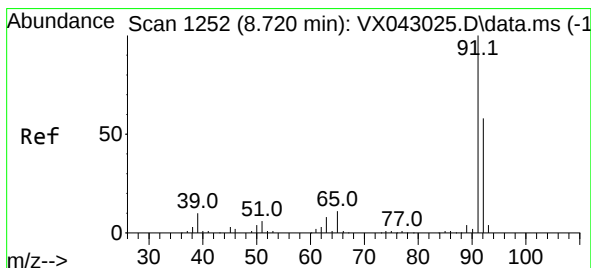
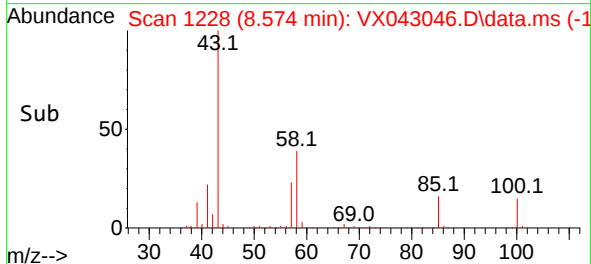
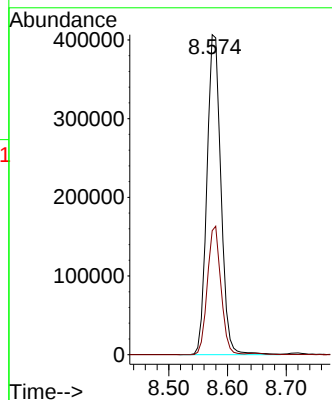
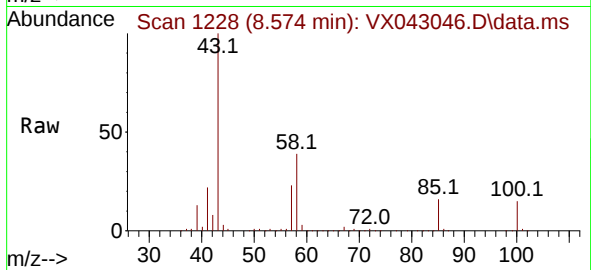
#51
4-Methyl-2-Pentanone
Concen: 256.540 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VX043046.D
Acq: 14 Aug 2024 21:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 670978
Ion Ratio Lower Upper
43 100
58 39.0 30.4 45.6

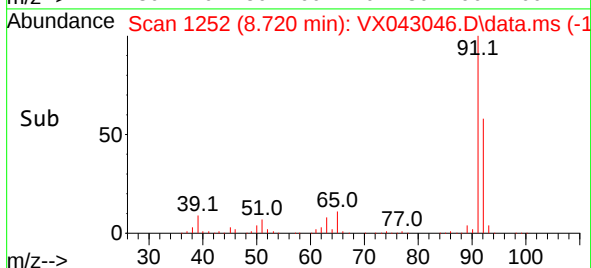
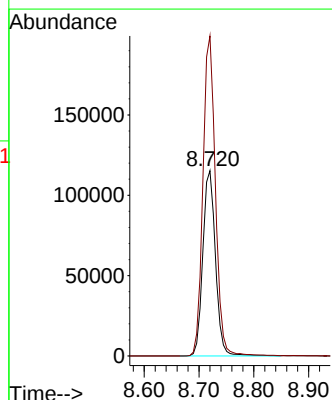
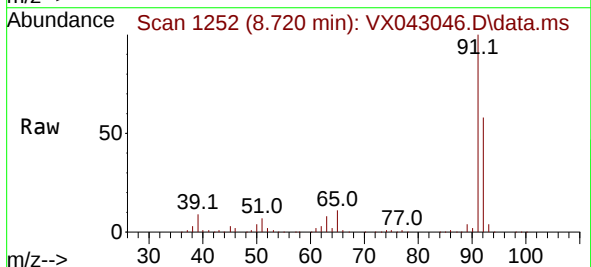
Manual Integrations
APPROVED

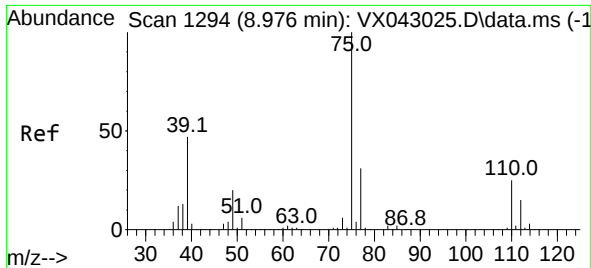
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#52
Toluene
Concen: 49.605 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX043046.D
Acq: 14 Aug 2024 21:01

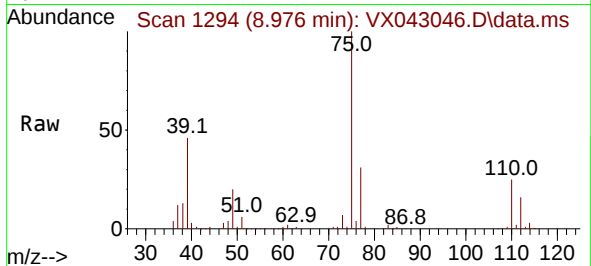
Tgt Ion: 92 Resp: 184848
Ion Ratio Lower Upper
92 100
91 170.8 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 47.667 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX043046.D
Acq: 14 Aug 2024 21:01

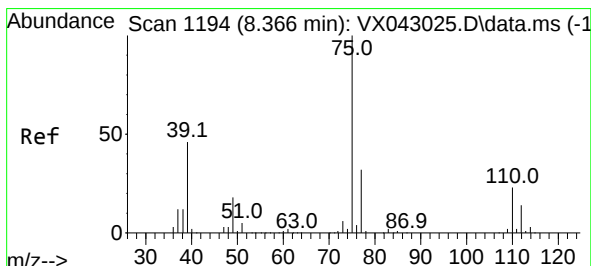
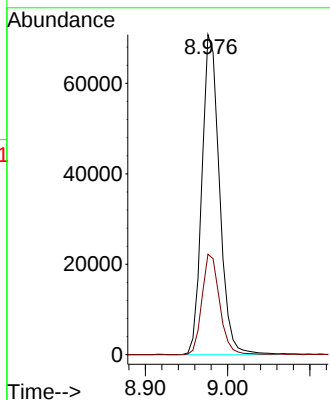
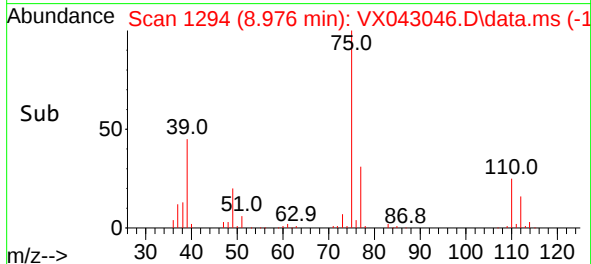
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



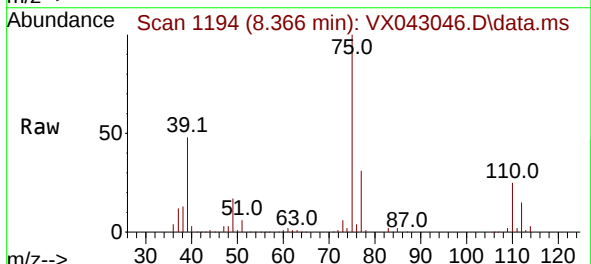
Tgt Ion: 75 Resp: 104910
Ion Ratio Lower Upper
75 100
77 31.4 25.7 38.5

Manual Integrations
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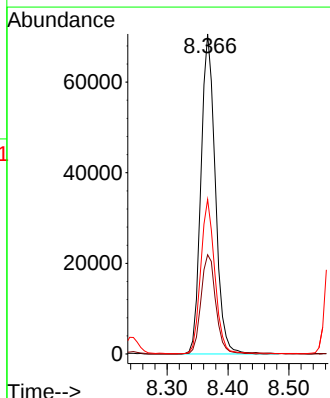
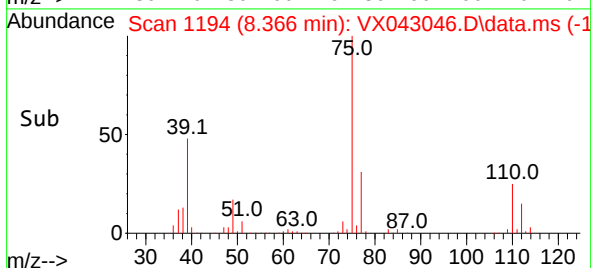
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024

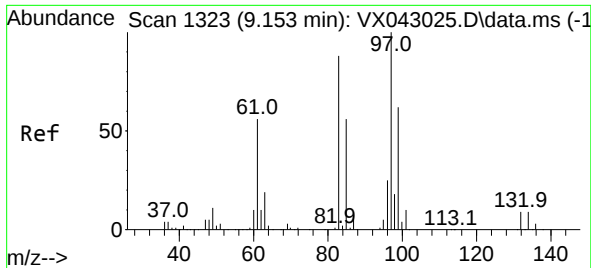


#54
cis-1,3-Dichloropropene
Concen: 47.821 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX043046.D
Acq: 14 Aug 2024 21:01



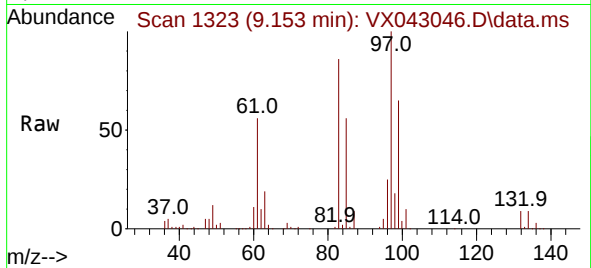
Tgt Ion: 75 Resp: 115758
Ion Ratio Lower Upper
75 100
77 31.0 25.3 37.9
39 48.2 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 49.639 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX043046.D
Acq: 14 Aug 2024 21:01

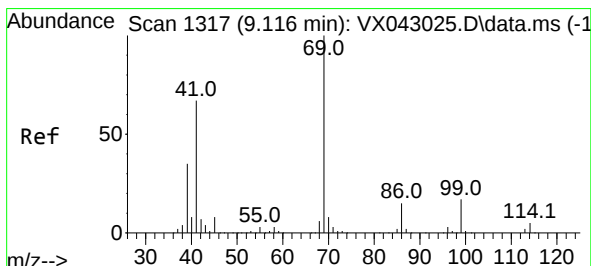
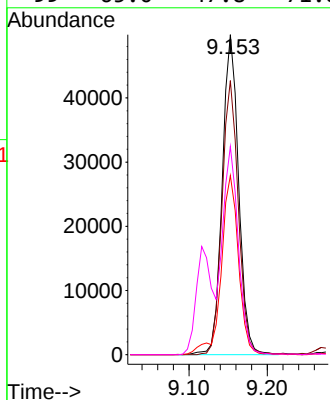
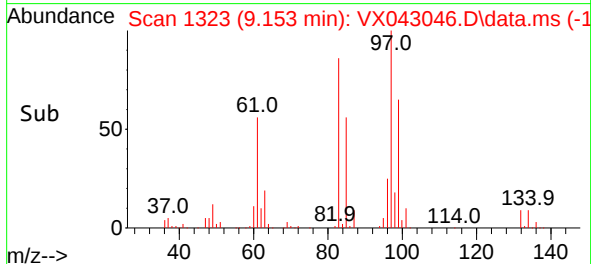
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



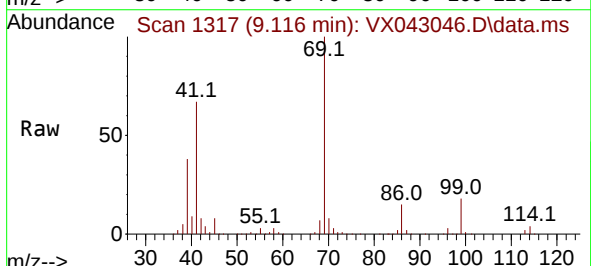
Tgt Ion:	97	Resp:	7265
Ion Ratio	100	Lower	Upper
97	100		
83	85.5	65.8	98.8
85	56.0	41.6	62.4
99	65.0	47.8	71.8

Manual Integrations
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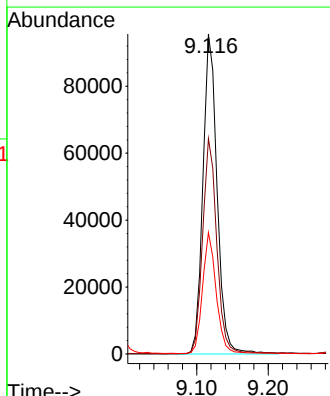
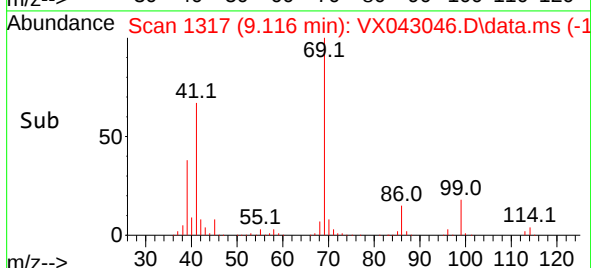
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024

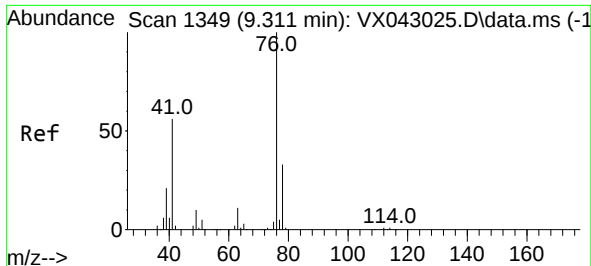


#56
Ethyl methacrylate
Concen: 49.829 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX043046.D
Acq: 14 Aug 2024 21:01



Tgt Ion:	69	Resp:	132067
Ion Ratio	100	Lower	Upper
69	100		
41	67.5	56.8	85.2
39	36.8	32.0	48.0





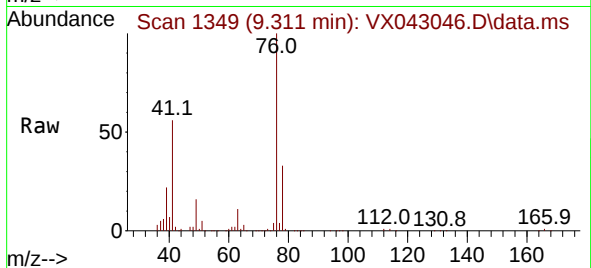
#57
1,3-Dichloropropane
Concen: 49.756 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX043046.D
Acq: 14 Aug 2024 21:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

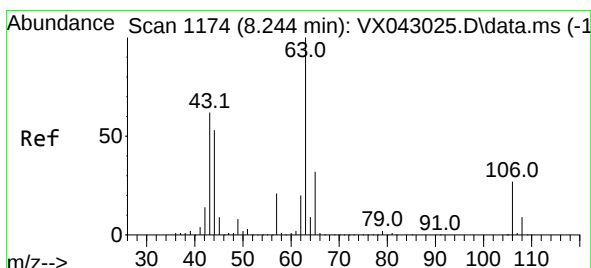
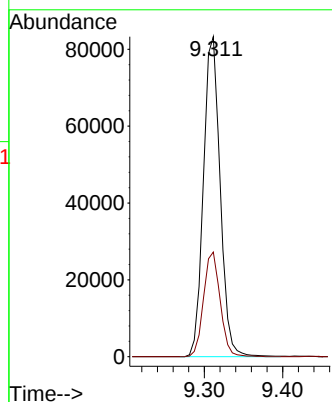
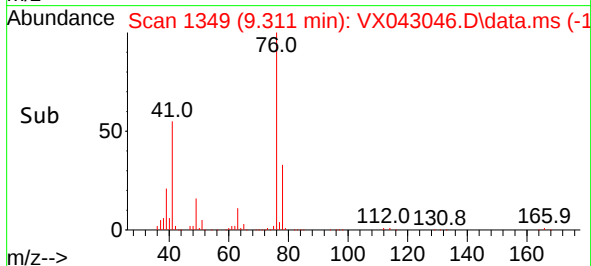


Tgt Ion: 76 Resp: 123420
Ion Ratio Lower Upper
76 100
78 32.4 26.1 39.1

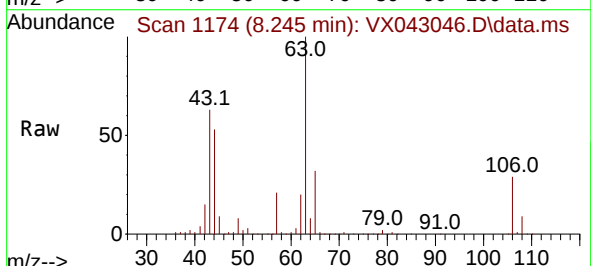
Manual Integrations

APPROVED

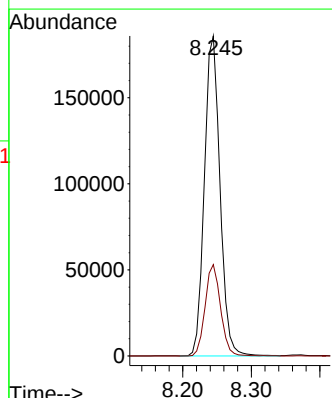
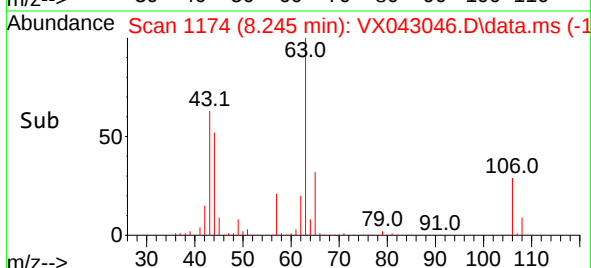
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024

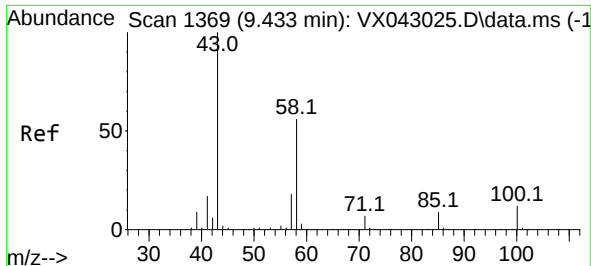


#58
2-Chloroethyl Vinyl ether
Concen: 237.239 ug/l
RT: 8.245 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX043046.D
Acq: 14 Aug 2024 21:01



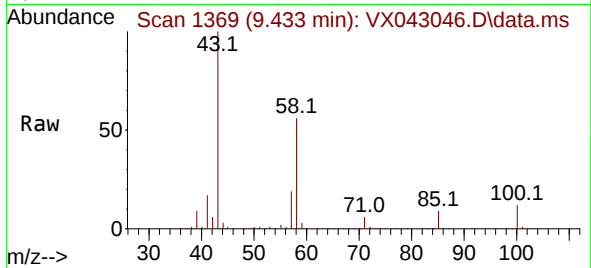
Tgt Ion: 63 Resp: 295063
Ion Ratio Lower Upper
63 100
106 28.2 22.5 33.7





#59
2-Hexanone
Concen: 259.324 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX043046.D
Acq: 14 Aug 2024 21:01

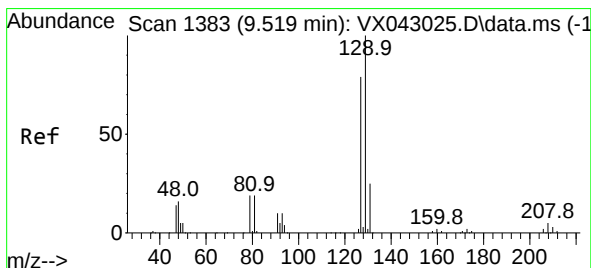
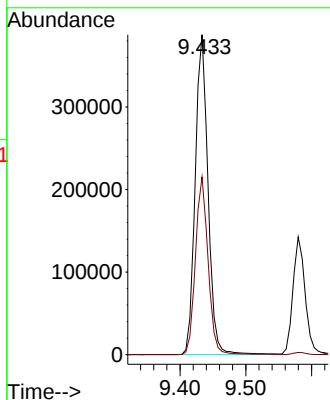
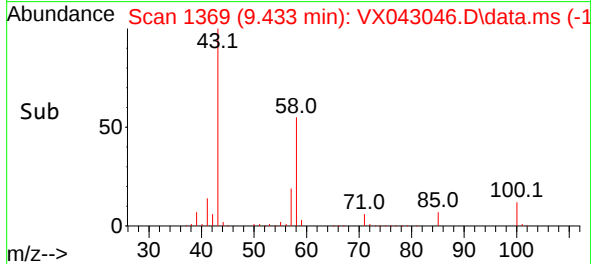
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 521209
Ion Ratio Lower Upper
43 100
58 55.1 26.2 78.5

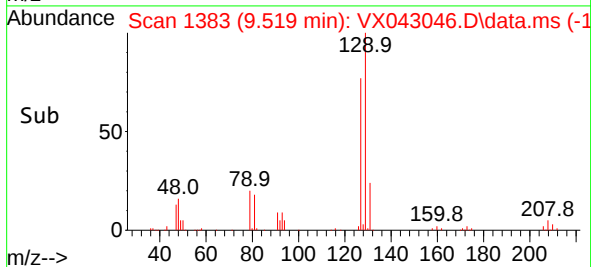
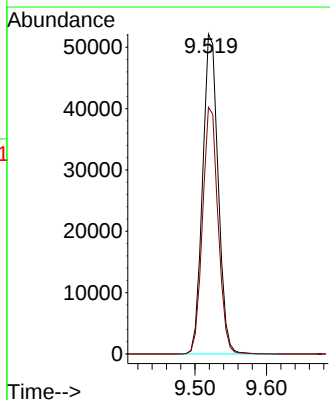
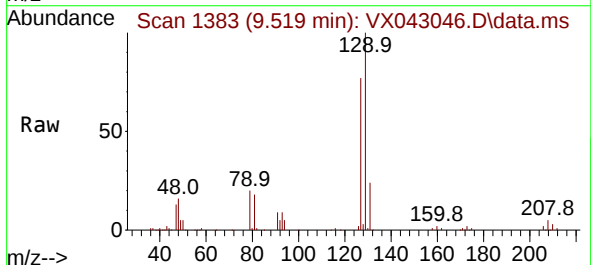
Manual Integrations
APPROVED

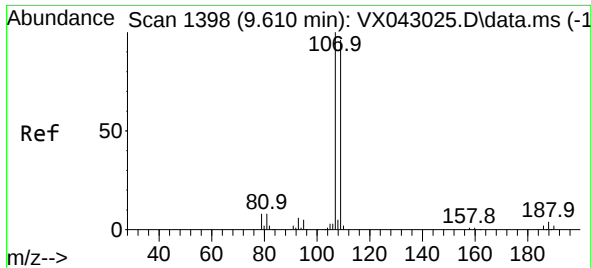
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#60
Dibromochloromethane
Concen: 50.977 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX043046.D
Acq: 14 Aug 2024 21:01

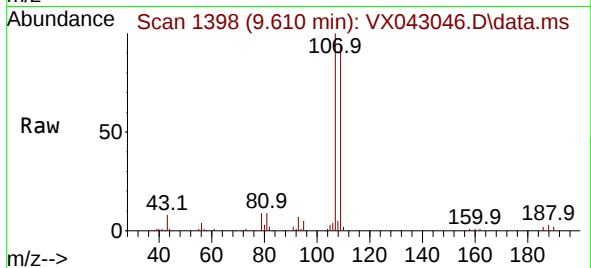
Tgt Ion:129 Resp: 78674
Ion Ratio Lower Upper
129 100
127 77.0 38.8 116.4





#61
1,2-Dibromoethane
Concen: 50.687 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX043046.D
Acq: 14 Aug 2024 21:01

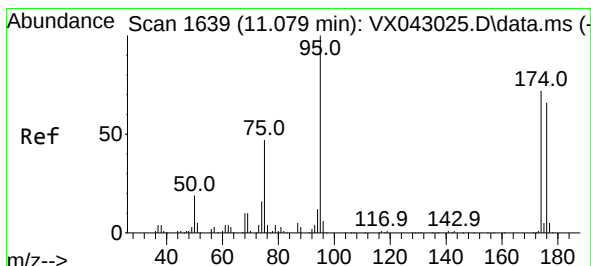
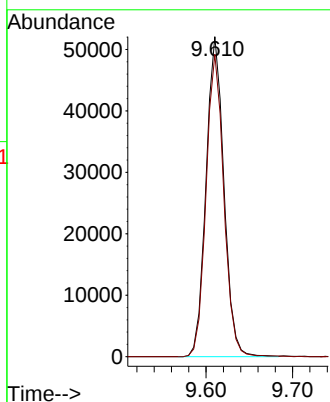
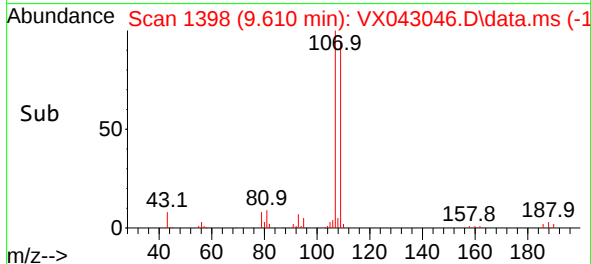
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 74810
Ion Ratio Lower Upper
107 100
109 93.7 75.2 112.8

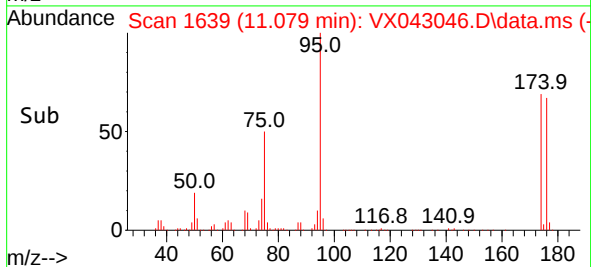
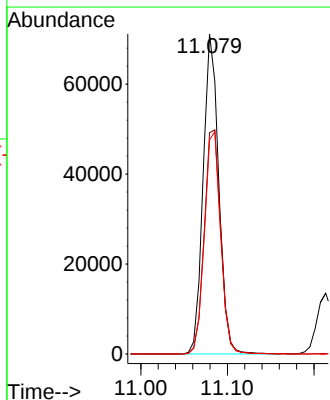
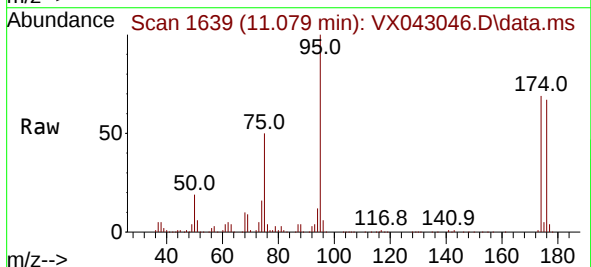
Manual Integrations
APPROVED

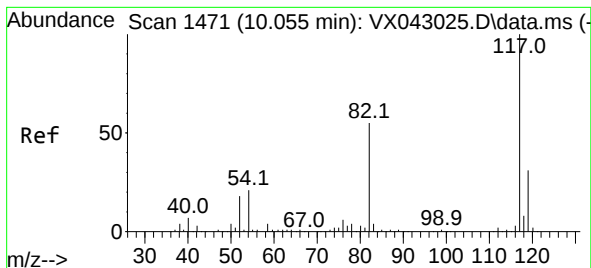
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#62
4-Bromofluorobenzene
Concen: 48.691 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043046.D
Acq: 14 Aug 2024 21:01

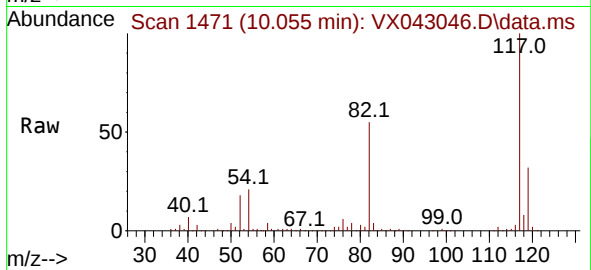
Tgt Ion: 95 Resp: 88830
Ion Ratio Lower Upper
95 100
174 74.6 0.0 135.6
176 72.1 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043046.D
Acq: 14 Aug 2024 21:01

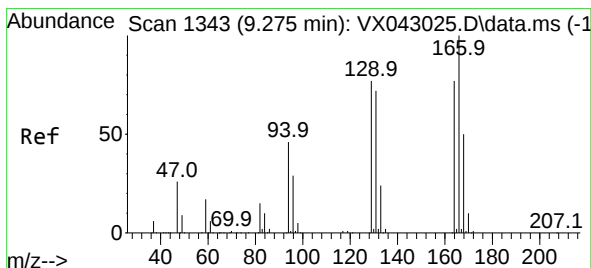
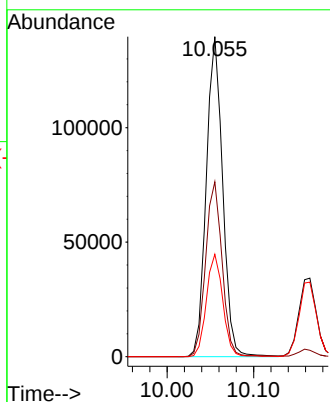
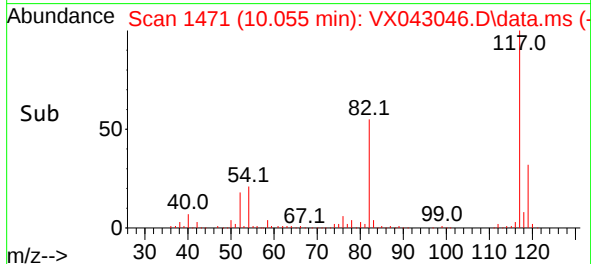
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 183610
Ion Ratio Lower Upper
117 100
82 54.6 46.2 69.4
119 32.0 25.5 38.3

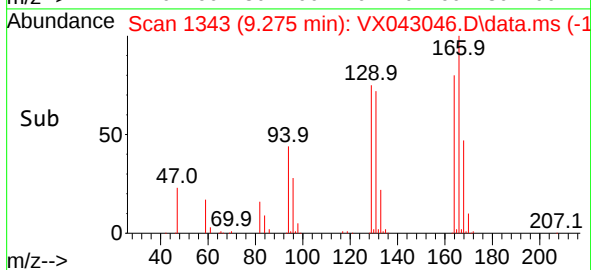
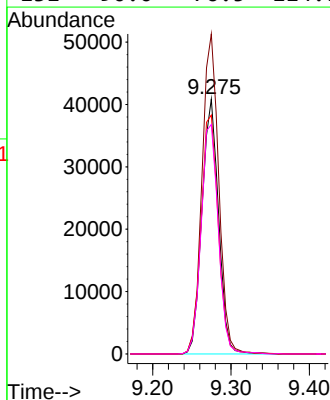
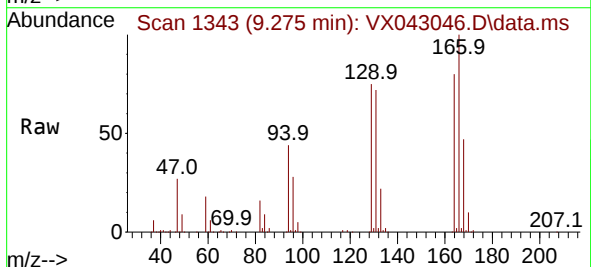
Manual Integrations
APPROVED

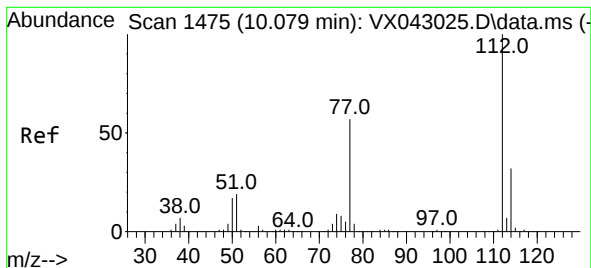
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#64
Tetrachloroethene
Concen: 50.590 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX043046.D
Acq: 14 Aug 2024 21:01

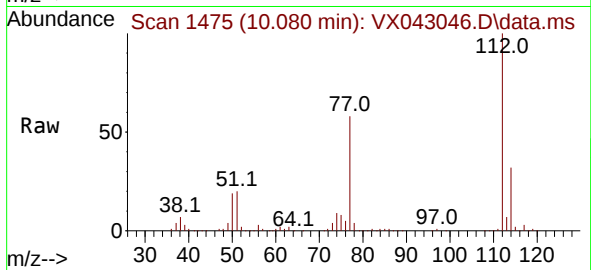
Tgt Ion:164 Resp: 59951
Ion Ratio Lower Upper
164 100
166 125.6 102.7 154.1
129 93.8 80.4 120.6
131 90.0 76.5 114.7





#65
Chlorobenzene
Concen: 50.020 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX043046.D
Acq: 14 Aug 2024 21:01

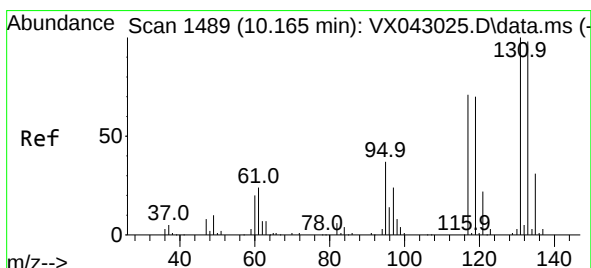
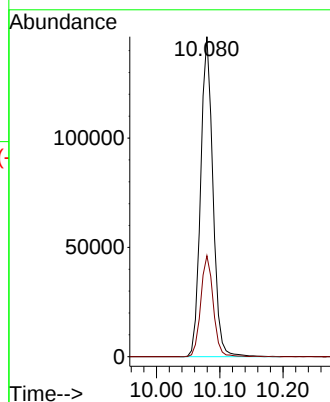
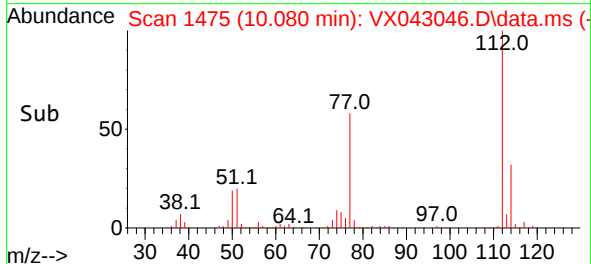
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



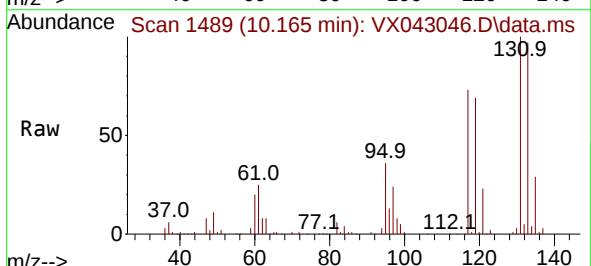
Tgt Ion:112 Resp: 198149
Ion Ratio Lower Upper
112 100
114 31.5 25.7 38.5

Manual Integrations
APPROVED

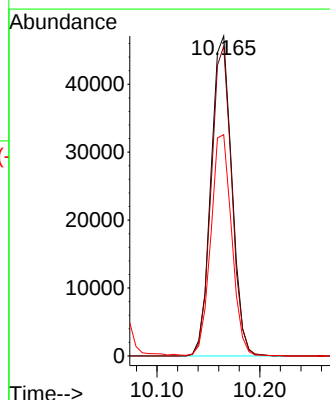
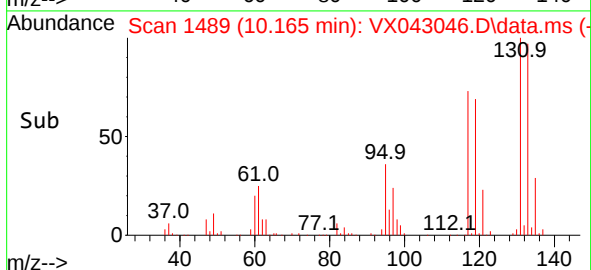
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024

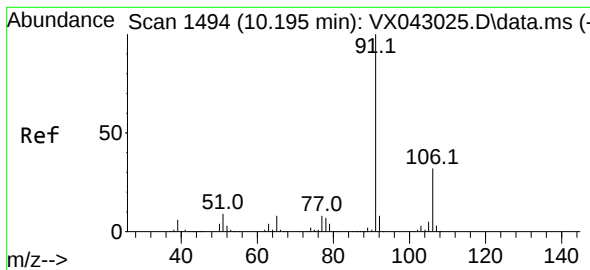


#66
1,1,1,2-Tetrachloroethane
Concen: 49.720 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX043046.D
Acq: 14 Aug 2024 21:01



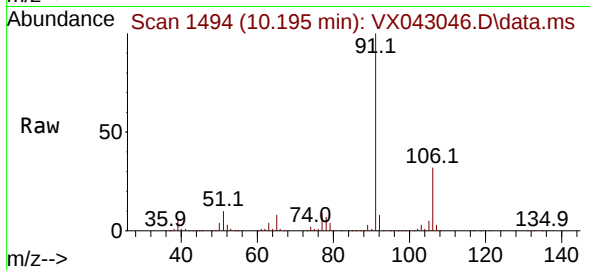
Tgt Ion:131 Resp: 66368
Ion Ratio Lower Upper
131 100
133 95.6 47.1 141.4
119 69.3 32.2 96.6





#67
Ethyl Benzene
Concen: 49.768 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX043046.D
Acq: 14 Aug 2024 21:01

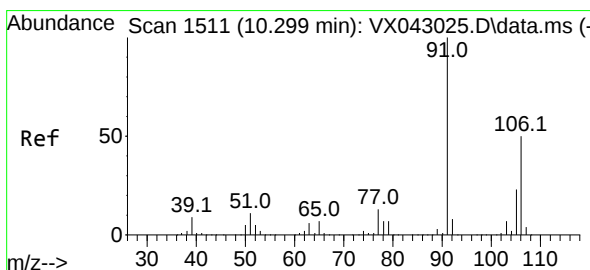
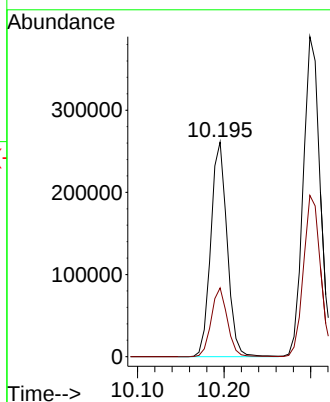
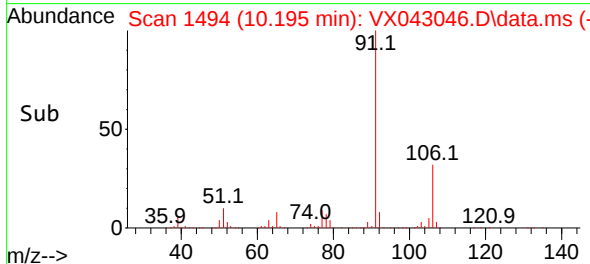
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 342600
Ion Ratio Lower Upper
91 100
106 32.1 24.9 37.3

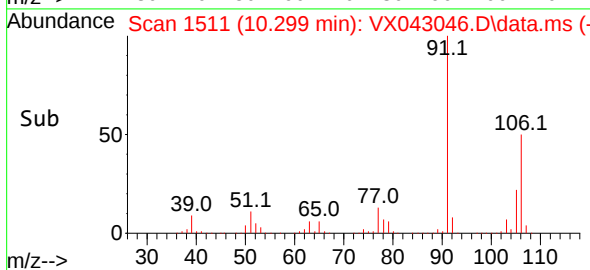
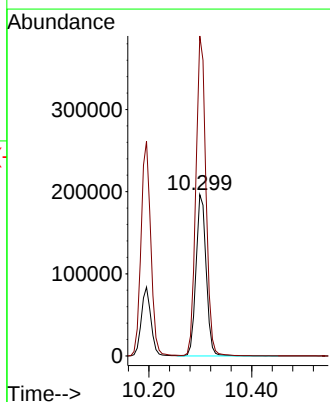
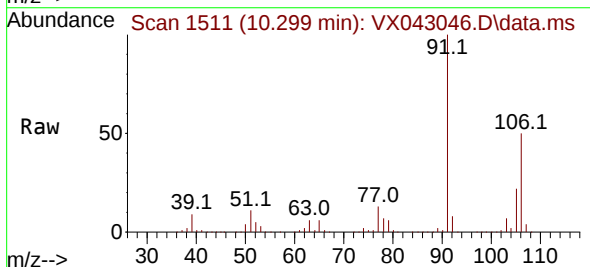
Manual Integrations
APPROVED

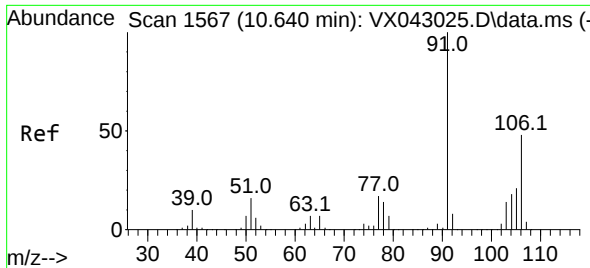
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#68
m/p-Xylenes
Concen: 101.721 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX043046.D
Acq: 14 Aug 2024 21:01

Tgt Ion:106 Resp: 269269
Ion Ratio Lower Upper
106 100
91 197.1 165.5 248.3





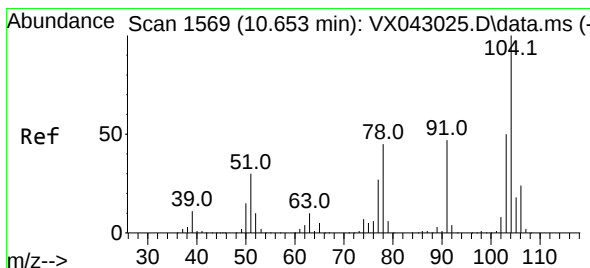
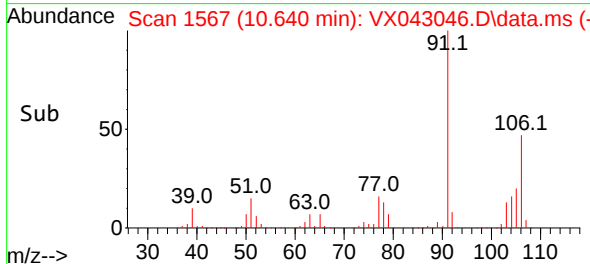
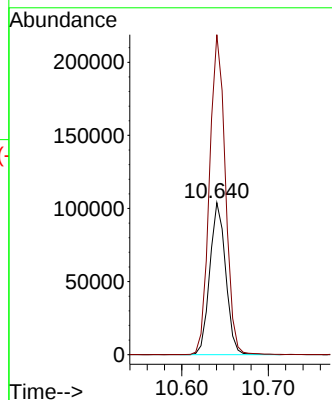
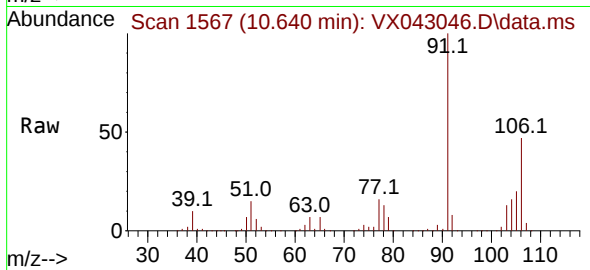
#69
o-Xylene
Concen: 49.769 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX043046.D
Acq: 14 Aug 2024 21:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 132352
Ion Ratio Lower Upper
106 100
91 210.2 108.9 326.8

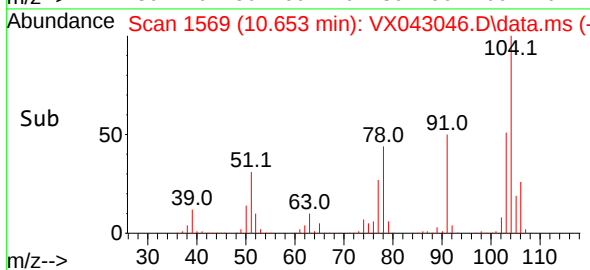
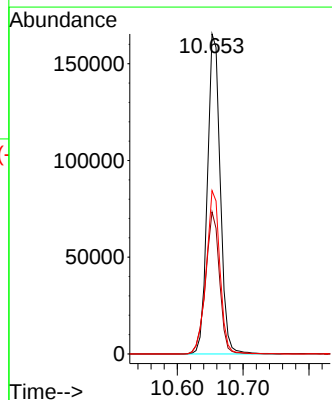
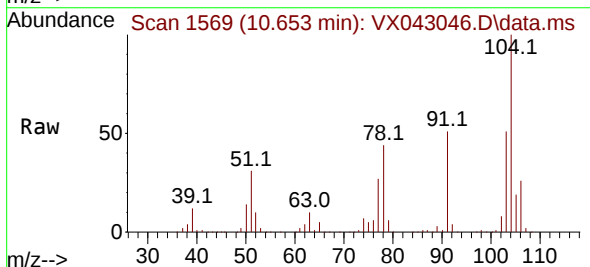
Manual Integrations
APPROVED

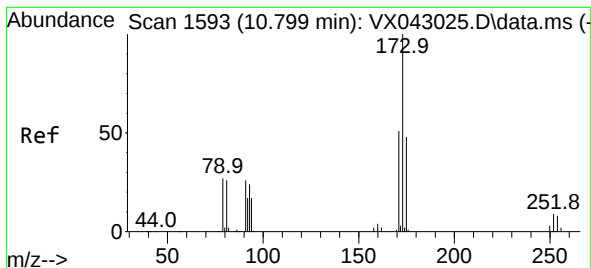
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#70
Styrene
Concen: 50.470 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX043046.D
Acq: 14 Aug 2024 21:01

Tgt Ion:104 Resp: 225030
Ion Ratio Lower Upper
104 100
78 48.0 43.6 65.4
103 54.6 43.6 65.4





#71

Bromoform

Concen: 50.488 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX043046.D

Acq: 14 Aug 2024 21:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

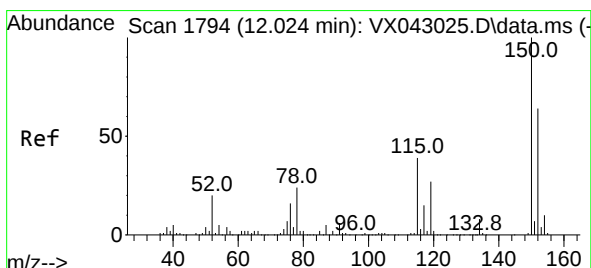
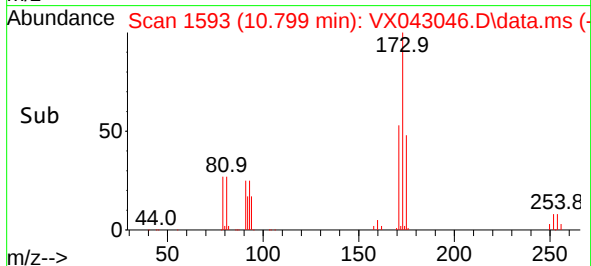
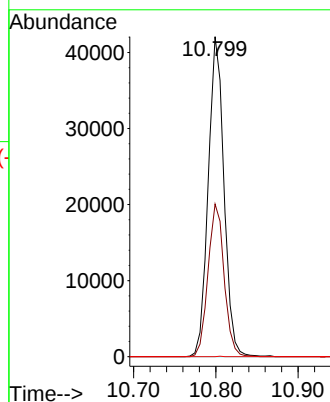
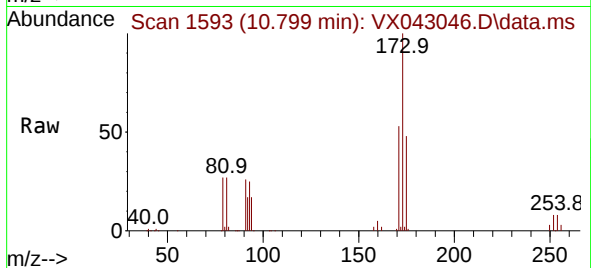
Tgt Ion:173	Resp:	5597
Ion Ratio	Lower	Upper
173	100	
175	48.7	24.1 72.4
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2024

Supervised By :Mahesh Dadoda 08/15/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

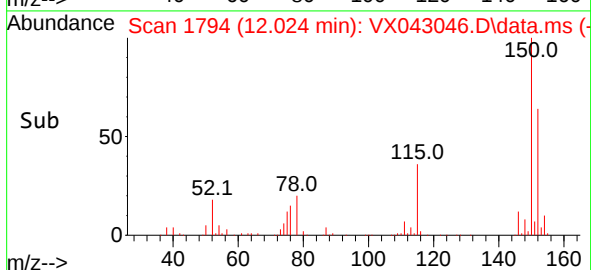
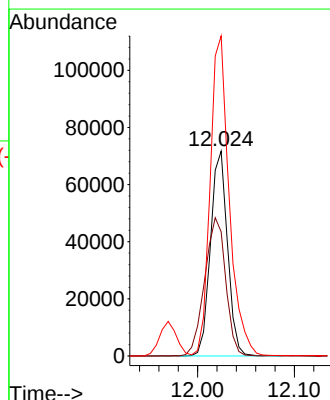
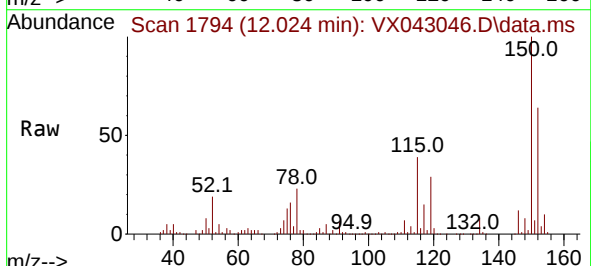
RT: 12.024 min Scan# 1794

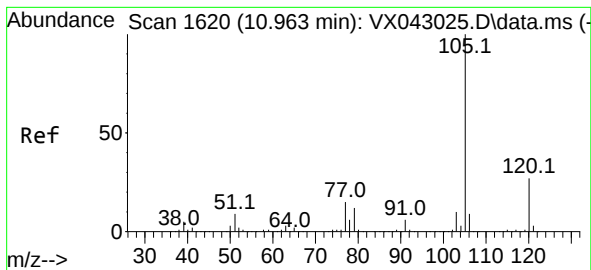
Delta R.T. 0.000 min

Lab File: VX043046.D

Acq: 14 Aug 2024 21:01

Tgt Ion:152	Resp:	87771
Ion Ratio	Lower	Upper
152	100	
115	83.4	43.3 129.9
150	174.4	0.0 345.0





#73

Isopropylbenzene

Concen: 49.345 ug/l

RT: 10.964 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX043046.D

Acq: 14 Aug 2024 21:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 330370

Ion Ratio Lower Upper

105 100

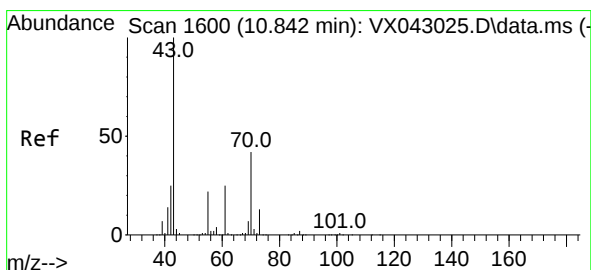
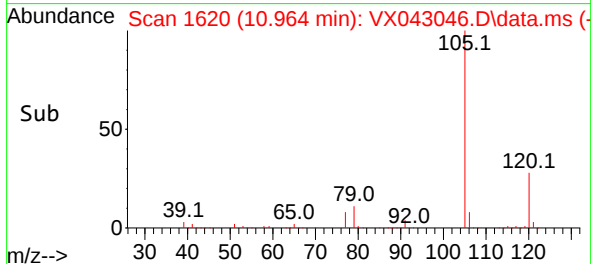
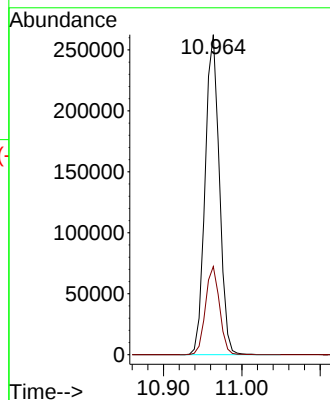
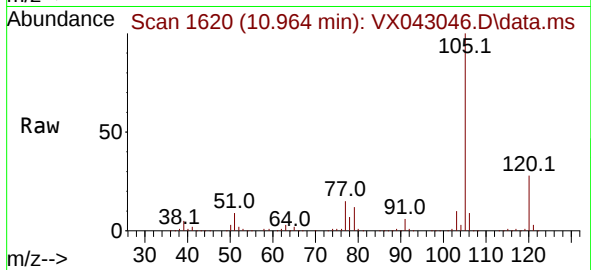
120 27.2 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2024

Supervised By :Mahesh Dadoda 08/15/2024



#74

N-ethyl acetate

Concen: 49.798 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX043046.D

Acq: 14 Aug 2024 21:01

Tgt Ion: 43 Resp: 189905

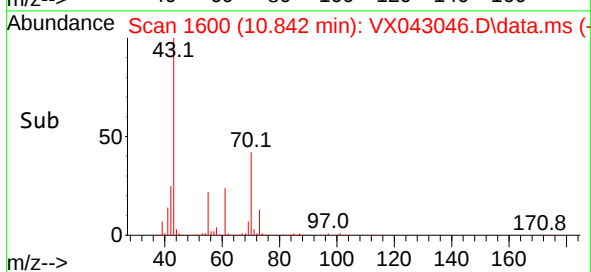
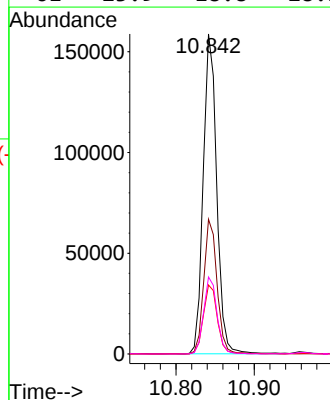
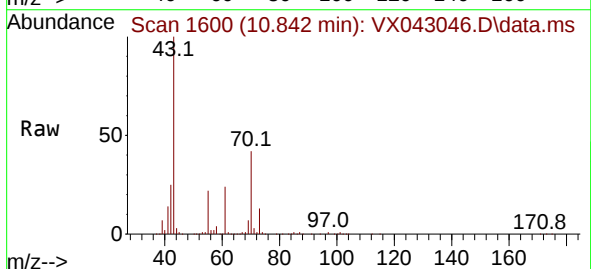
Ion Ratio Lower Upper

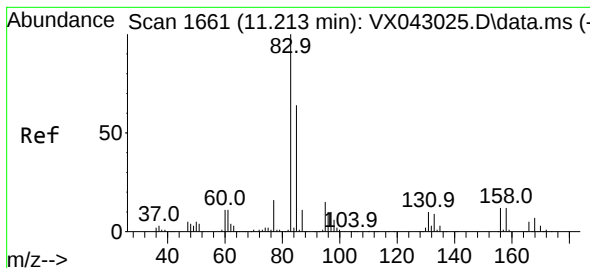
43 100

70 41.7 32.9 49.3

55 22.4 19.3 28.9

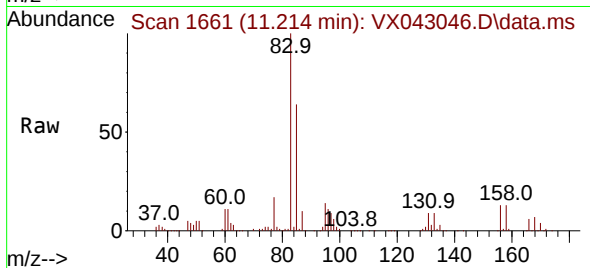
61 23.9 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 47.363 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX043046.D
Acq: 14 Aug 2024 21:01

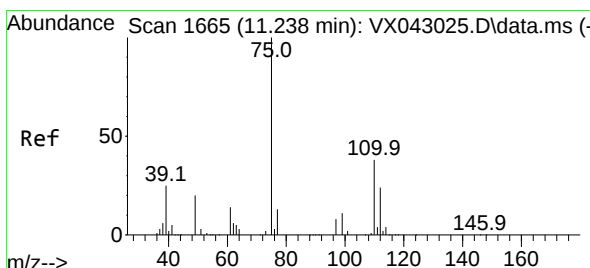
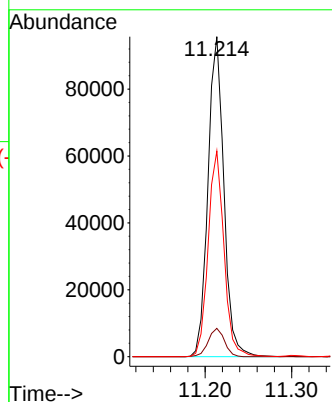
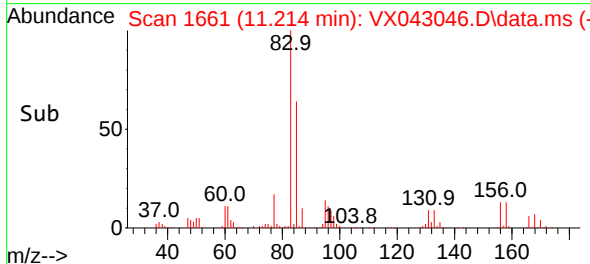
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



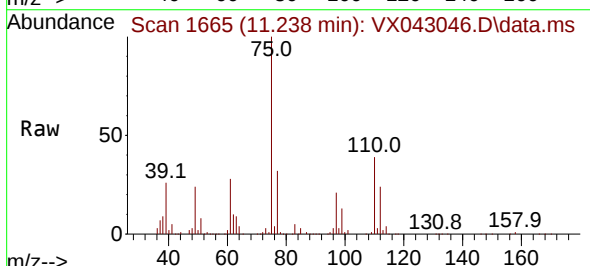
Tgt Ion: 83 Resp: 122060
Ion Ratio Lower Upper
83 100
131 9.0 5.3 15.8
85 64.1 32.0 96.2

Manual Integrations
APPROVED

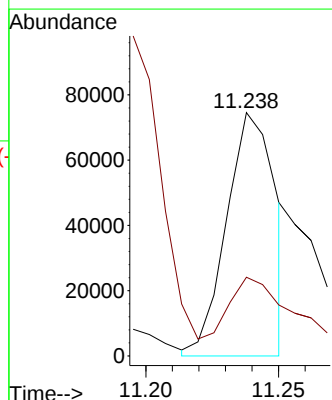
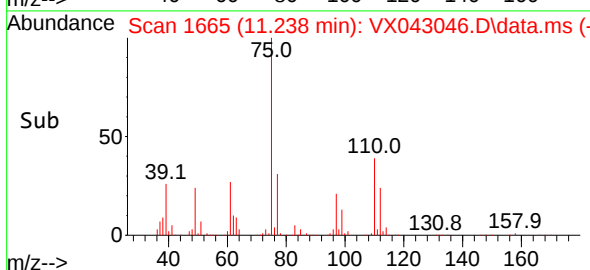
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024

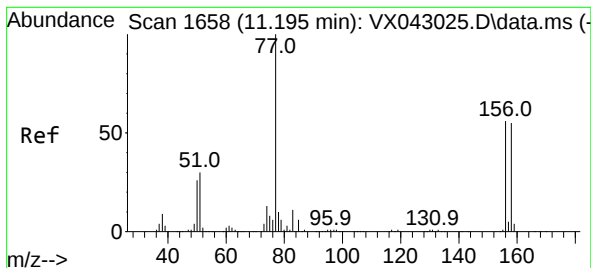


#76
1,2,3-Trichloropropane
Concen: 47.542 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX043046.D
Acq: 14 Aug 2024 21:01



Tgt Ion: 75 Resp: 95634
Ion Ratio Lower Upper
75 100
77 46.0 19.1 57.5





#77

Bromobenzene

Concen: 48.551 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX043046.D

Acq: 14 Aug 2024 21:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

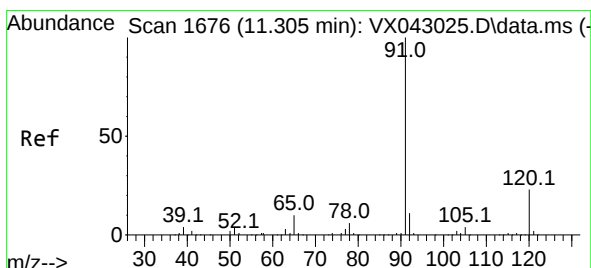
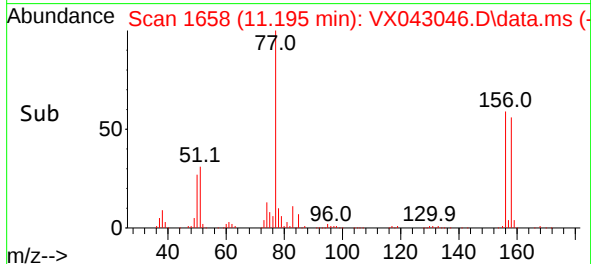
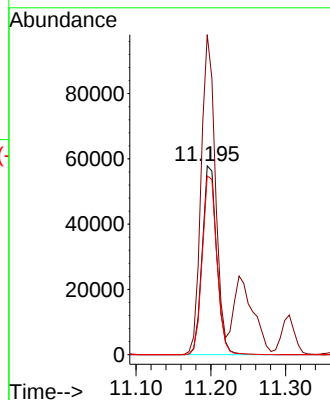
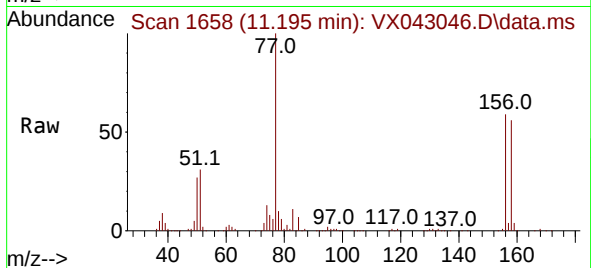
Tgt Ion:	156	Resp:	7809
Ion Ratio	Lower	Upper	
156	100		
77	165.4	88.4	265.3
158	95.5	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2024

Supervised By :Mahesh Dadoda 08/15/2024



#78

n-propylbenzene

Concen: 50.631 ug/l

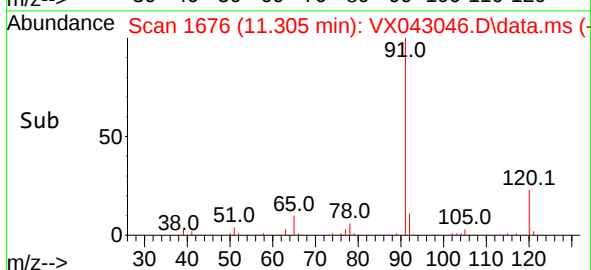
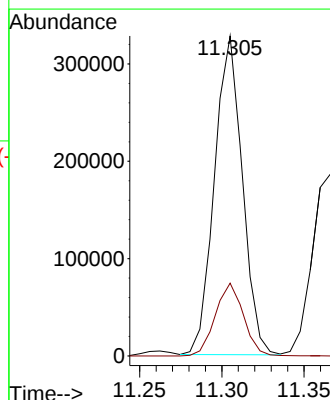
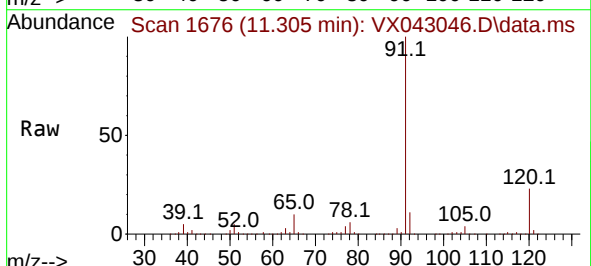
RT: 11.305 min Scan# 1676

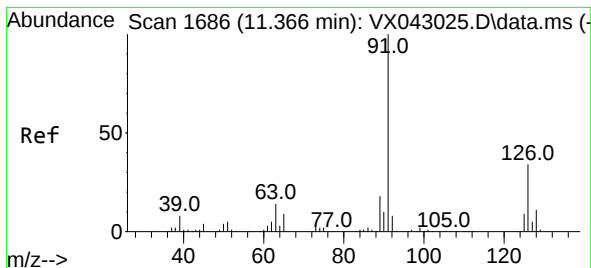
Delta R.T. 0.000 min

Lab File: VX043046.D

Acq: 14 Aug 2024 21:01

Tgt Ion:	91	Resp:	386329
Ion Ratio	Lower	Upper	
91	100		
120	23.1	11.5	34.4





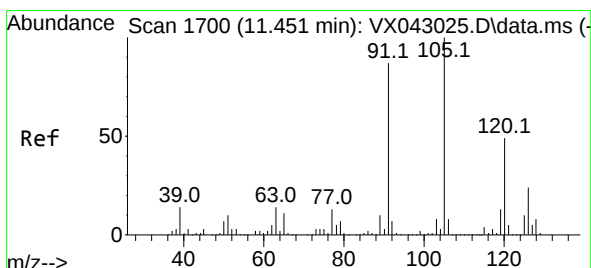
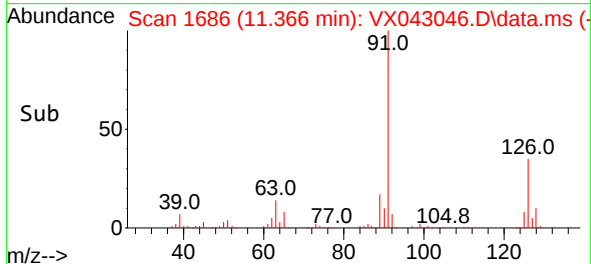
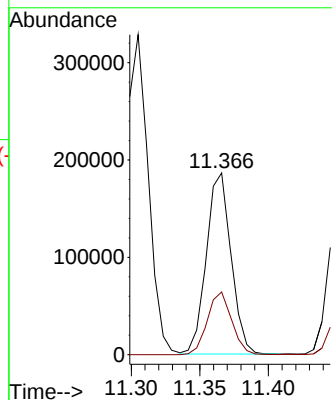
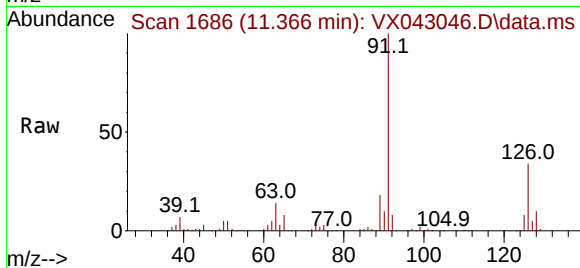
#79
2-Chlorotoluene
Concen: 49.248 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX043046.D
Acq: 14 Aug 2024 21:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 233874
Ion Ratio Lower Upper
91 100
126 34.2 16.3 48.8

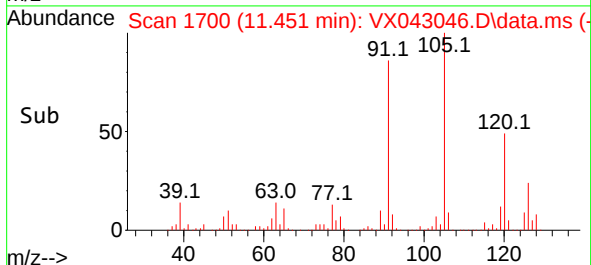
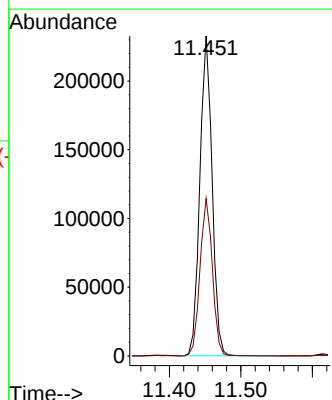
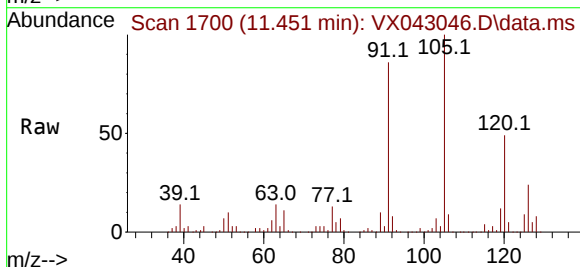
Manual Integrations
APPROVED

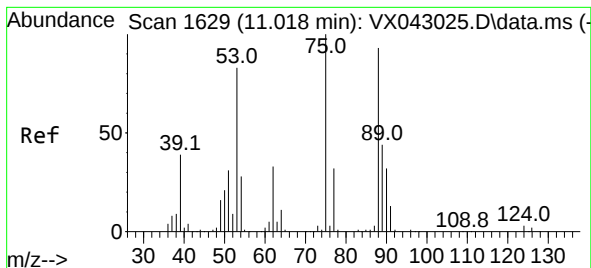
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#80
1,3,5-Trimethylbenzene
Concen: 50.019 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX043046.D
Acq: 14 Aug 2024 21:01

Tgt Ion:105 Resp: 275883
Ion Ratio Lower Upper
105 100
120 49.8 24.1 72.3





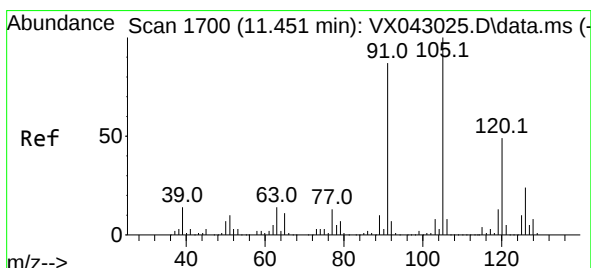
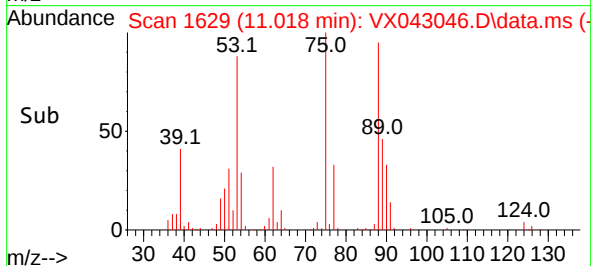
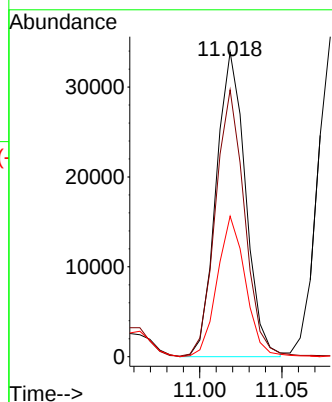
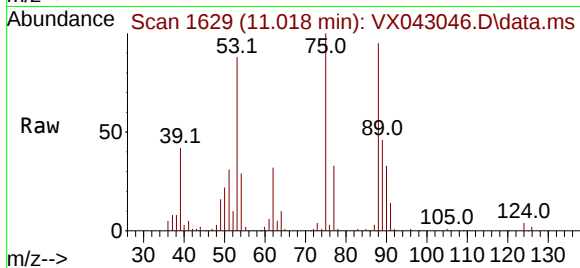
#81
trans-1,4-Dichloro-2-butene
Concen: 45.695 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX043046.D
Acq: 14 Aug 2024 21:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 4214
Ion Ratio Lower Upper
75 100
53 87.3 90.5 135.7
89 44.4 36.9 55.3

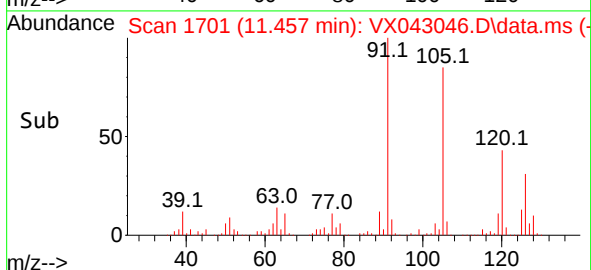
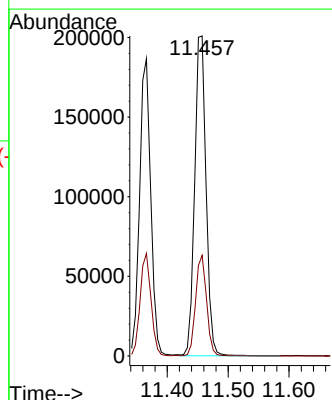
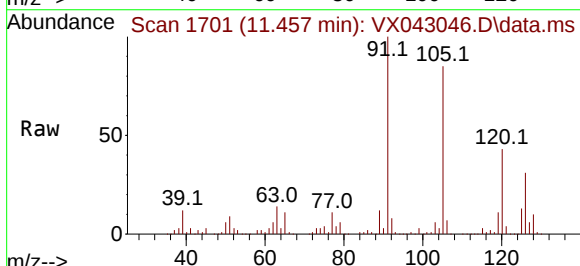
Manual Integrations
APPROVED

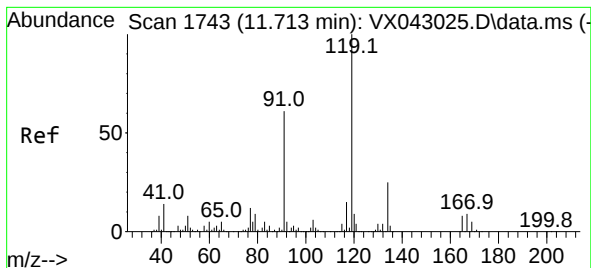
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#82
4-Chlorotoluene
Concen: 49.284 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX043046.D
Acq: 14 Aug 2024 21:01

Tgt Ion: 91 Resp: 260805
Ion Ratio Lower Upper
91 100
126 30.3 14.2 42.6





#83

tert-Butylbenzene

Concen: 48.882 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX043046.D

Acq: 14 Aug 2024 21:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:119 Resp: 279036

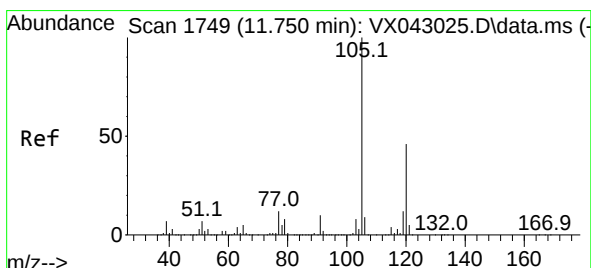
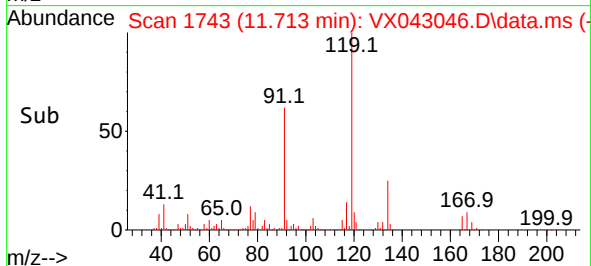
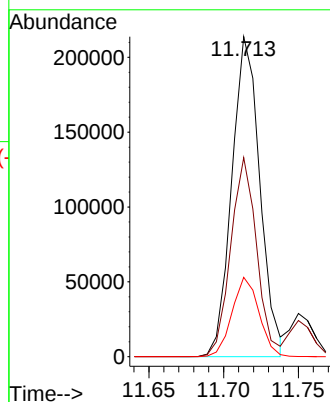
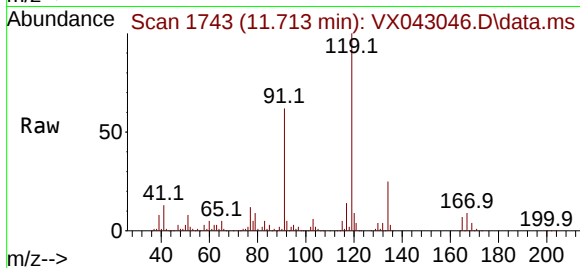
Ion	Ratio	Lower	Upper
119	100		
91	57.7	31.2	93.6
134	23.9	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2024

Supervised By :Mahesh Dadoda 08/15/2024



#84

1,2,4-Trimethylbenzene

Concen: 49.828 ug/l

RT: 11.750 min Scan# 1749

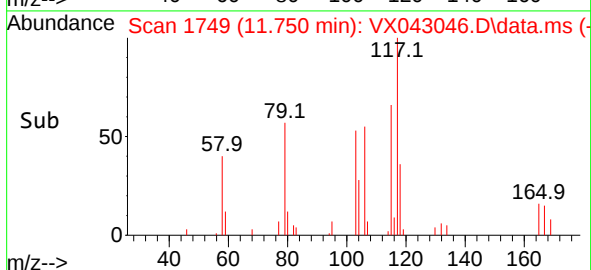
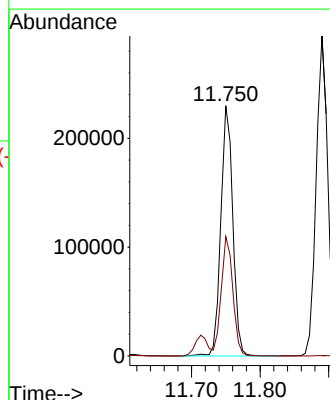
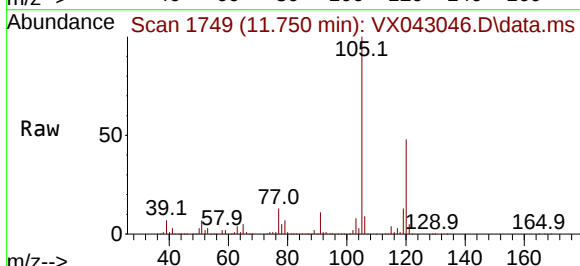
Delta R.T. 0.000 min

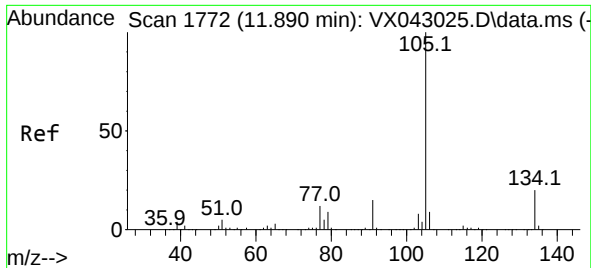
Lab File: VX043046.D

Acq: 14 Aug 2024 21:01

Tgt Ion:105 Resp: 277263

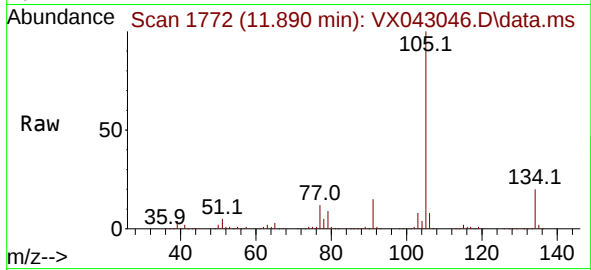
Ion	Ratio	Lower	Upper
105	100		
120	45.9	21.2	63.6





#85
 sec-Butylbenzene
 Concen: 50.364 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX043046.D
 Acq: 14 Aug 2024 21:01

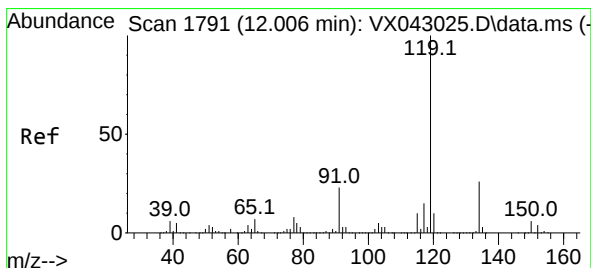
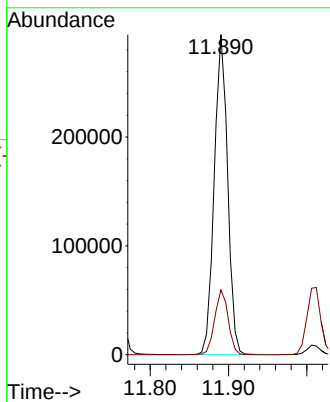
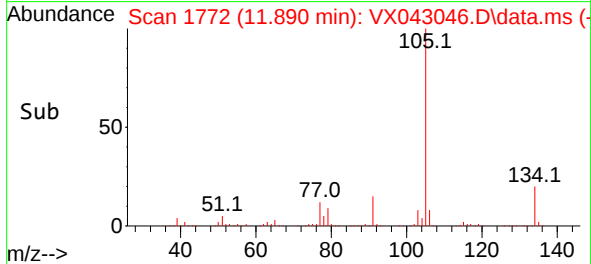
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



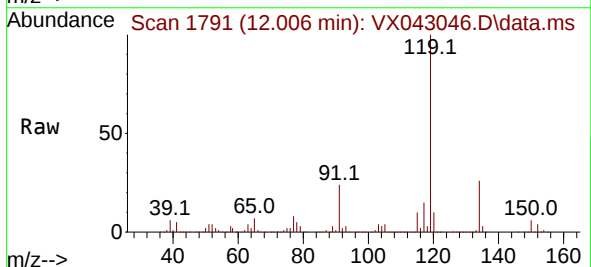
Tgt Ion:105 Resp: 348994
 Ion Ratio Lower Upper
 105 100
 134 20.4 9.8 29.4

Manual Integrations
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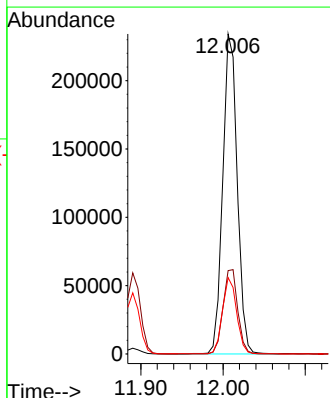
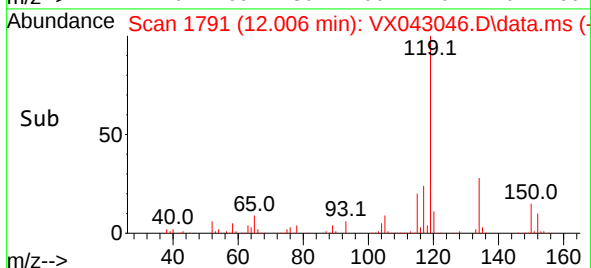
Reviewed By :John Carlone 08/15/2024
 Supervised By :Mahesh Dadoda 08/15/2024

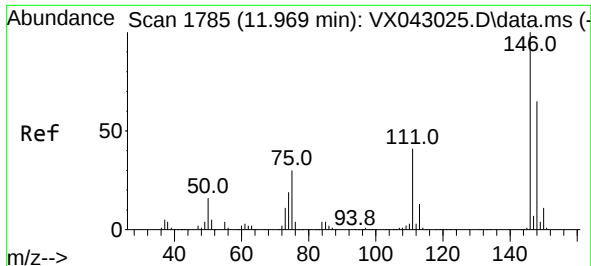


#86
 p-Isopropyltoluene
 Concen: 50.606 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX043046.D
 Acq: 14 Aug 2024 21:01



Tgt Ion:119 Resp: 286496
 Ion Ratio Lower Upper
 119 100
 134 26.9 12.8 38.3
 91 23.5 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 50.517 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX043046.D

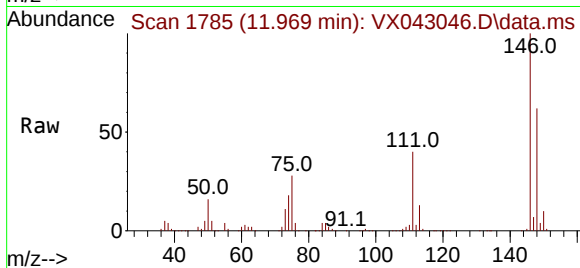
Acq: 14 Aug 2024 21:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion:146 Resp: 146104

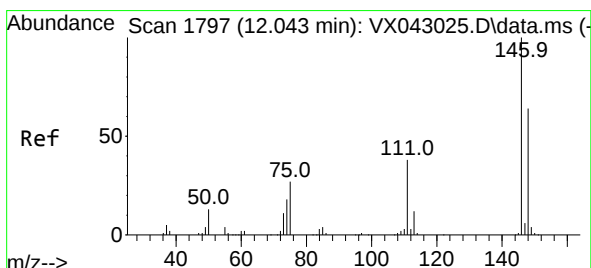
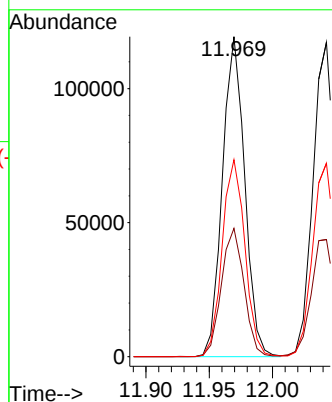
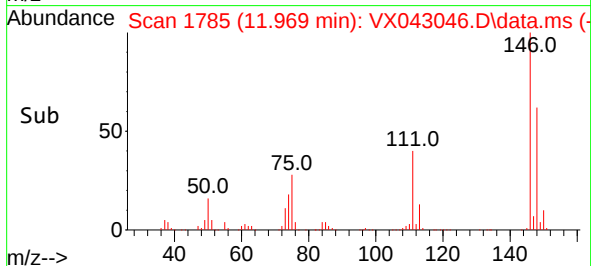
Ion	Ratio	Lower	Upper
146	100		
111	40.7	22.1	66.1
148	62.8	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2024

Supervised By :Mahesh Dadoda 08/15/2024



#88

1,4-Dichlorobenzene

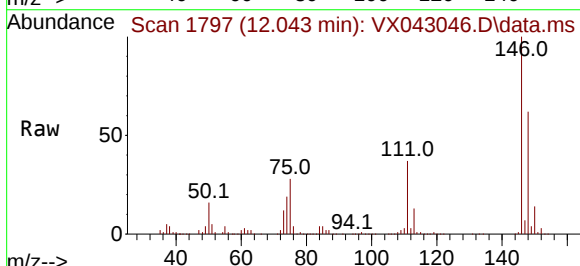
Concen: 49.474 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

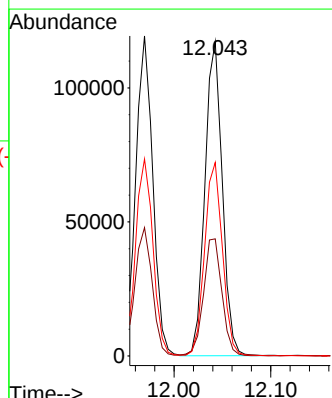
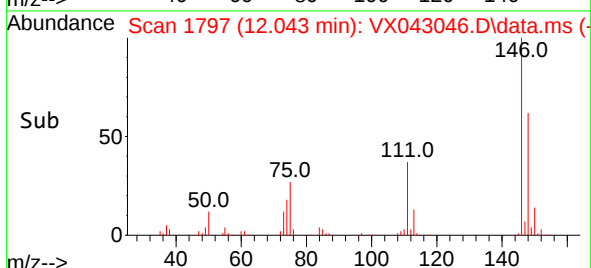
Lab File: VX043046.D

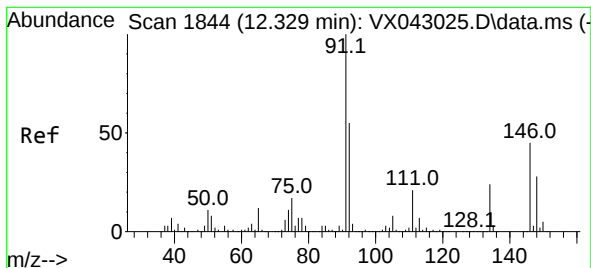
Acq: 14 Aug 2024 21:01



Tgt Ion:146 Resp: 146402

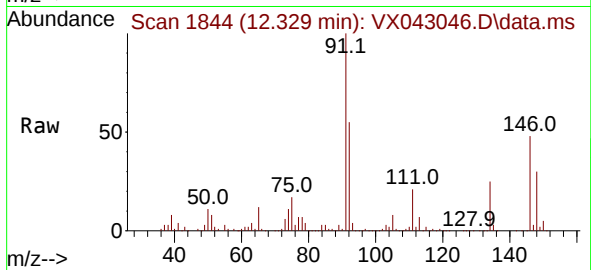
Ion	Ratio	Lower	Upper
146	100		
111	39.5	21.3	63.7
148	63.3	31.8	95.4





#89
n-Butylbenzene
Concen: 50.300 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX043046.D
Acq: 14 Aug 2024 21:01

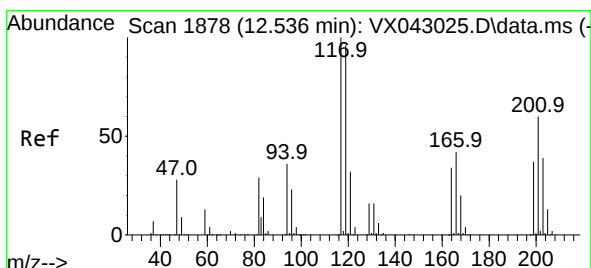
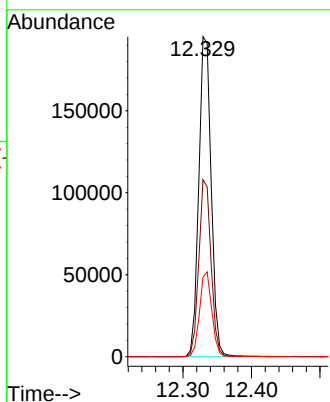
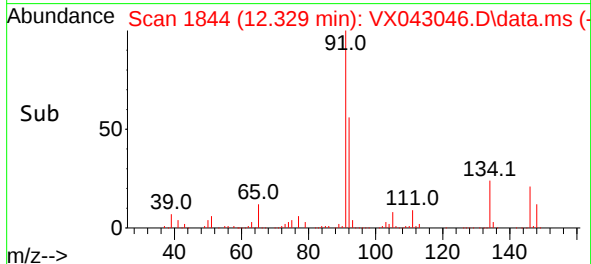
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 246514
Ion Ratio Lower Upper
91 100
92 54.5 27.4 82.0
134 25.9 12.6 37.8

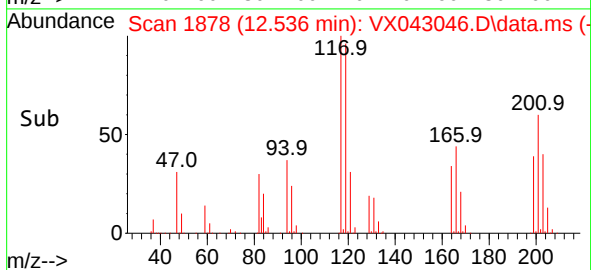
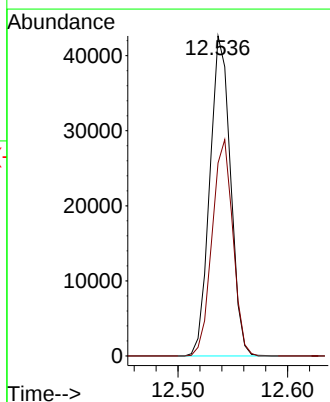
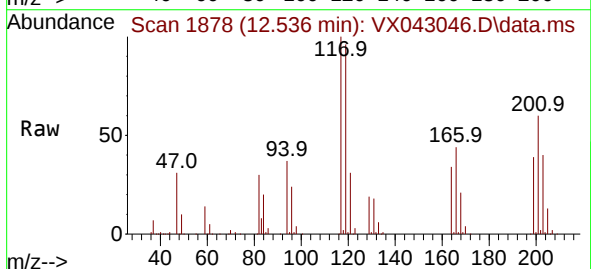
Manual Integrations
APPROVED

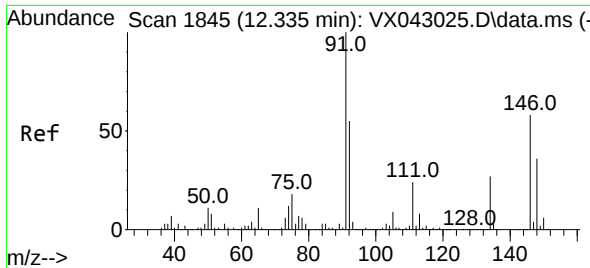
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#90
Hexachloroethane
Concen: 49.231 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX043046.D
Acq: 14 Aug 2024 21:01

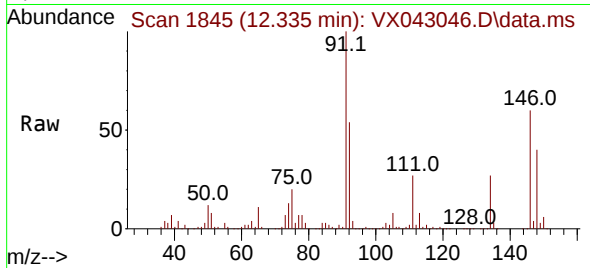
Tgt Ion:117 Resp: 55979
Ion Ratio Lower Upper
117 100
201 67.8 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 49.701 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX043046.D
Acq: 14 Aug 2024 21:01

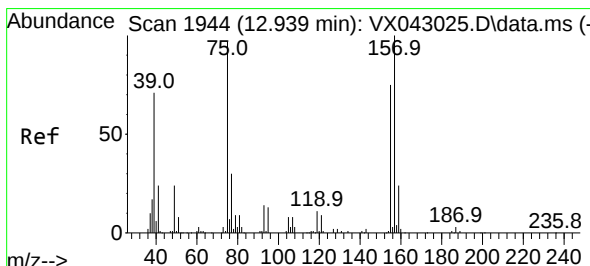
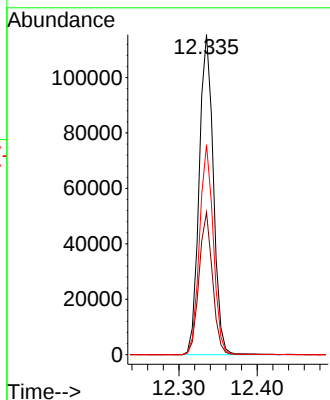
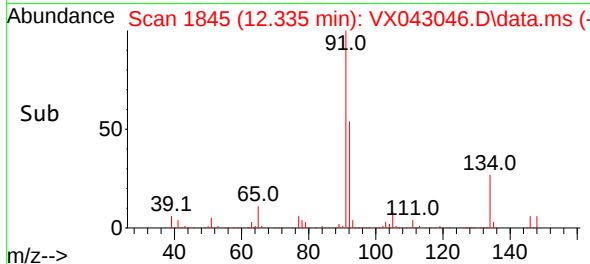
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



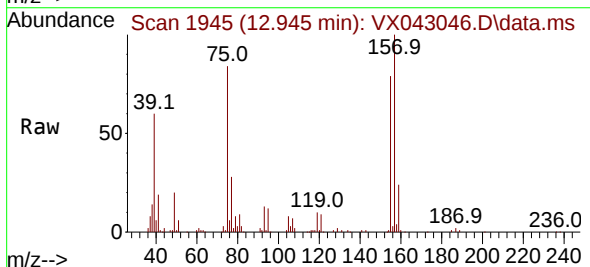
Tgt Ion:146 Resp: 144930
Ion Ratio Lower Upper
146 100
111 42.4 22.4 67.0
148 64.0 31.6 95.0

Manual Integrations
APPROVED

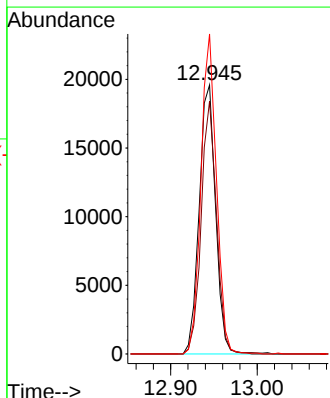
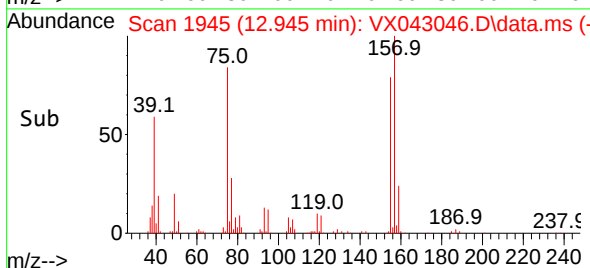
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024

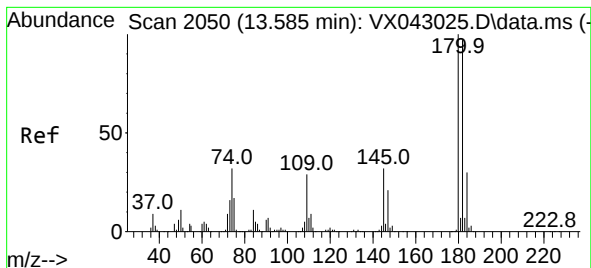


#92
1,2-Dibromo-3-Chloropropane
Concen: 51.161 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX043046.D
Acq: 14 Aug 2024 21:01



Tgt Ion: 75 Resp: 25794
Ion Ratio Lower Upper
75 100
155 87.7 36.1 108.5
157 112.1 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 49.862 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX043046.D

Acq: 14 Aug 2024 21:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

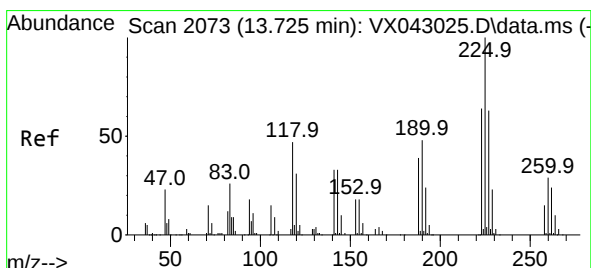
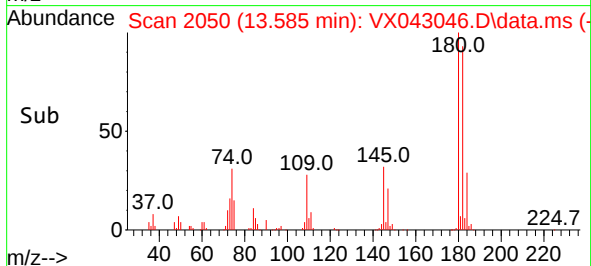
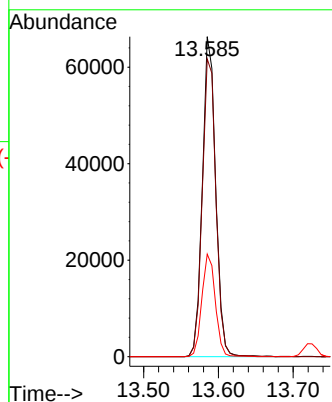
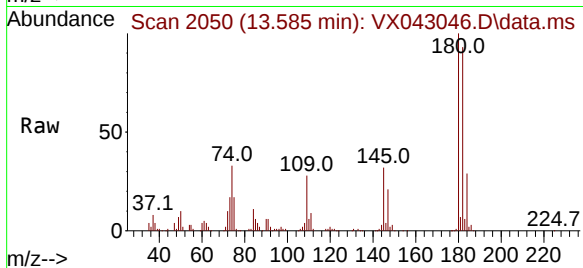
Tgt Ion:	180	Resp:	81840
Ion Ratio	Lower	Upper	
180	100		
182	95.8	48.3	144.8
145	32.4	18.0	54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2024

Supervised By :Mahesh Dadoda 08/15/2024



#94

Hexachlorobutadiene

Concen: 50.295 ug/l

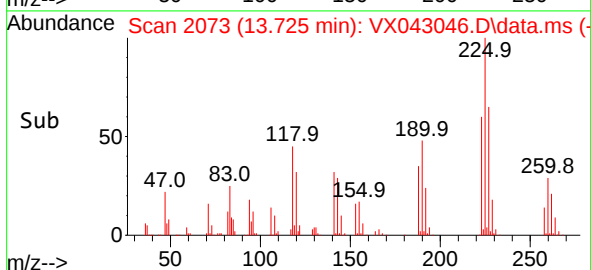
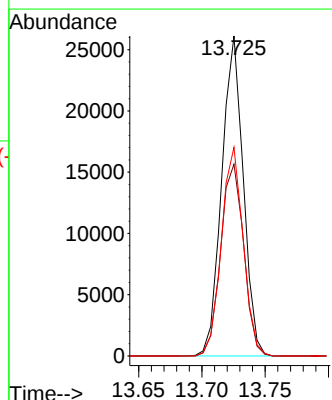
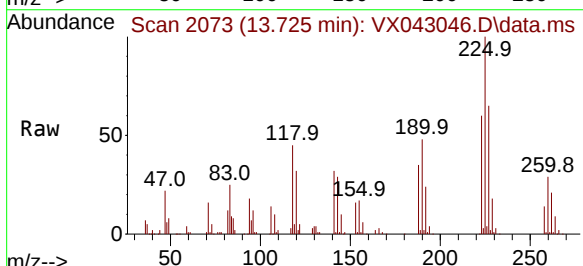
RT: 13.725 min Scan# 2073

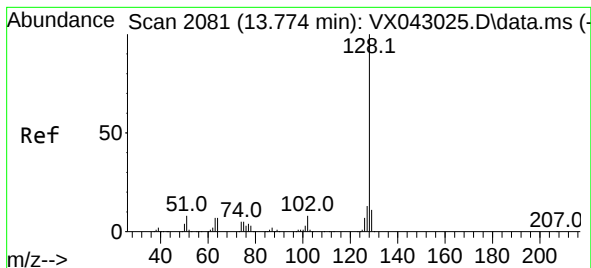
Delta R.T. 0.000 min

Lab File: VX043046.D

Acq: 14 Aug 2024 21:01

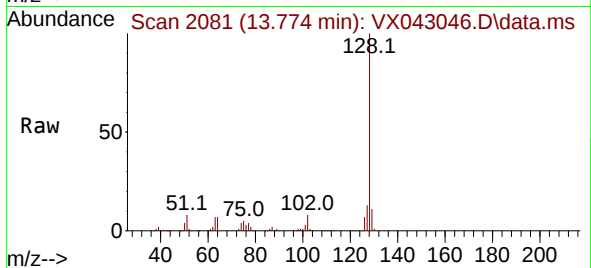
Tgt Ion:	225	Resp:	30805
Ion Ratio	Lower	Upper	
225	100		
223	63.8	31.1	93.2
227	66.2	32.5	97.5





#95
Naphthalene
Concen: 50.216 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX043046.D
Acq: 14 Aug 2024 21:01

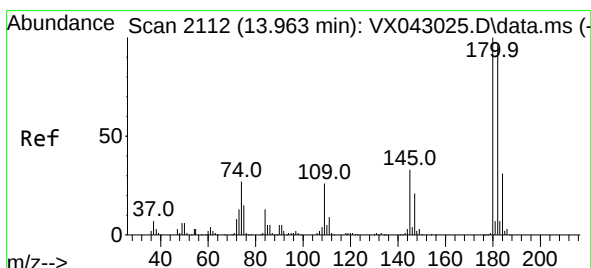
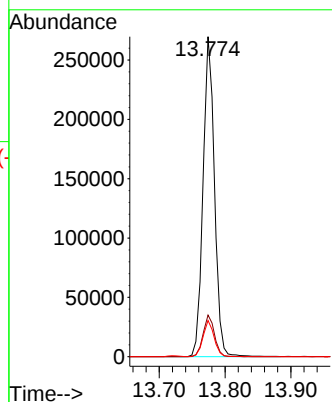
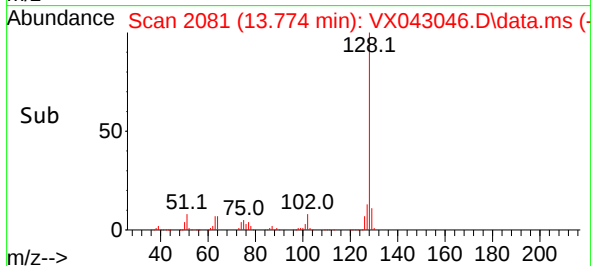
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 325509
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#96
1,2,3-Trichlorobenzene
Concen: 51.259 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX043046.D
Acq: 14 Aug 2024 21:01

Tgt Ion:180 Resp: 86051
Ion Ratio Lower Upper
180 100
182 95.8 46.9 140.6
145 33.7 17.8 53.5

