

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021123\
 Data File : VX034105.D
 Acq On : 09 Feb 2023 17:17
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 10 01:08:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020423W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 03 23:25:45 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/10/2023
 Supervised By : Semsettin Yesilyurt 02/10/2023

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	136635	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.757	114	183979	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	163484	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91087	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	61900	46.993	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.980%		
35) Dibromofluoromethane	5.379	113	55583	47.470	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.940%		
50) Toluene-d8	8.647	98	196795	46.648	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.300%		
62) 4-Bromofluorobenzene	11.079	95	73874	49.030	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.060%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	57753	51.996	ug/l	97
3) Chloromethane	1.294	50	46543	44.404	ug/l	98
4) Vinyl Chloride	1.374	62	48214	43.922	ug/l	99
5) Bromomethane	1.605	94	26259	46.455	ug/l	98
6) Chloroethane	1.685	64	27968	46.075	ug/l	95
7) Trichlorofluoromethane	1.886	101	84895	48.608	ug/l	98
8) Diethyl Ether	2.130	74	26624	44.320	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.331	101	56390	48.359	ug/l	93
10) Methyl Iodide	2.453	142	76726	46.444	ug/l	94
11) Tert butyl alcohol	2.953	59	48128	260.790	ug/l #	82
12) 1,1-Dichloroethene	2.319	96	51930	46.418	ug/l	90
13) Acrolein	2.233	56	51012	206.088	ug/l	100
14) Allyl chloride	2.660	41	84681	46.425	ug/l	91
15) Acrylonitrile	3.056	53	136516	230.608	ug/l	100
16) Acetone	2.373	43	128787	231.488	ug/l	95
17) Carbon Disulfide	2.508	76	121824	42.920	ug/l	98
18) Methyl Acetate	2.697	43	81376	47.022	ug/l	95
19) Methyl tert-butyl Ether	3.105	73	171315	49.659	ug/l	99
20) Methylene Chloride	2.788	84	57266	44.992	ug/l	91
21) trans-1,2-Dichloroethene	3.087	96	56408	46.293	ug/l	95
22) Diisopropyl ether	3.751	45	166914	46.370	ug/l	94
23) Vinyl Acetate	3.715	43	641891	234.178	ug/l	96
24) 1,1-Dichloroethane	3.605	63	99161	47.793	ug/l	99
25) 2-Butanone	4.544	43	183642	226.689	ug/l	93
26) 2,2-Dichloropropane	4.471	77	75526	49.902	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	66286	47.293	ug/l	96
28) Bromochloromethane	4.885	49	41897	45.929	ug/l	86
29) Tetrahydrofuran	4.995	42	115831	224.811	ug/l	93
30) Chloroform	5.086	83	104936	48.528	ug/l	99
31) Cyclohexane	5.464	56	86923	45.313	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	93642	50.285	ug/l	98
36) 1,1-Dichloropropene	5.684	75	77853	48.495	ug/l	99
37) Ethyl Acetate	4.702	43	70129	46.893	ug/l	97
38) Carbon Tetrachloride	5.672	117	86212	50.352	ug/l	99
39) Methylcyclohexane	7.373	83	96264	47.637	ug/l	94
40) Benzene	6.031	78	222177	47.832	ug/l	99

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Manual Integrations
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Reviewed By : John Carlone 02/10/2023
 Supervised By : Semsettin Yesilyurt 02/10/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	39868	47.371	ug/l	94
42) 1,2-Dichloroethane	6.074	62	81844	51.853	ug/l	99
43) Isopropyl Acetate	6.330	43	113412	48.627	ug/l	97
44) Trichloroethene	7.123	130	70026	49.052	ug/l	93
45) 1,2-Dichloropropane	7.421	63	55155	48.093	ug/l	99
46) Dibromomethane	7.574	93	40751	49.597	ug/l	94
47) Bromodichloromethane	7.818	83	79890	51.313	ug/l	100
48) Methyl methacrylate	7.683	41	59594	49.489	ug/l	94
49) 1,4-Dioxane	7.659	88	25906	1117.640	ug/l #	96
51) 4-Methyl-2-Pentanone	8.567	43	353017	241.307	ug/l	97
52) Toluene	8.714	92	147484	48.993	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	82728	52.858	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	91246	51.243	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	59705	49.655	ug/l	98
56) Ethyl methacrylate	9.110	69	86228	51.346	ug/l	95
57) 1,3-Dichloropropane	9.305	76	96363	49.060	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	187778	240.323	ug/l	95
59) 2-Hexanone	9.427	43	261681	244.426	ug/l	98
60) Dibromochloromethane	9.519	129	69751	52.341	ug/l	99
61) 1,2-Dibromoethane	9.610	107	64150	49.616	ug/l	98
64) Tetrachloroethene	9.269	164	65105	47.693	ug/l	94
65) Chlorobenzene	10.079	112	166088	49.191	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	65488	51.327	ug/l	98
67) Ethyl Benzene	10.189	91	284364	49.759	ug/l	99
68) m/p-Xylenes	10.299	106	227297	99.502	ug/l	100
69) o-Xylene	10.640	106	111355	50.756	ug/l	100
70) Styrene	10.652	104	186432	51.595	ug/l	99
71) Bromoform	10.799	173	56034	53.840	ug/l #	100
73) Isopropylbenzene	10.957	105	295292	48.508	ug/l	100
74) N-amyl acetate	10.841	43	96307	48.023	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	83121	45.380	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	78572m	50.237	ug/l	
77) Bromobenzene	11.195	156	80706	47.810	ug/l	96
78) n-propylbenzene	11.305	91	331416	49.238	ug/l	99
79) 2-Chlorotoluene	11.360	91	195091	47.869	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	247458	48.836	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	24033	47.322	ug/l	99
82) 4-Chlorotoluene	11.451	91	225365	48.891	ug/l	99
83) tert-Butylbenzene	11.713	119	254144	48.547	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	250698	49.523	ug/l	98
85) sec-Butylbenzene	11.890	105	310961	49.647	ug/l	100
86) p-Isopropyltoluene	12.006	119	276627	50.356	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	148825	48.048	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	149399	47.508	ug/l	99
89) n-Butylbenzene	12.329	91	217977	50.610	ug/l	99
90) Hexachloroethane	12.536	117	43244	50.004	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	143281	47.431	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17962	49.871	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	109712	51.401	ug/l	99
94) Hexachlorobutadiene	13.725	225	52578	49.766	ug/l	99
95) Naphthalene	13.774	128	292741	49.919	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	107193	49.996	ug/l	99

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VSTDCCC050EC

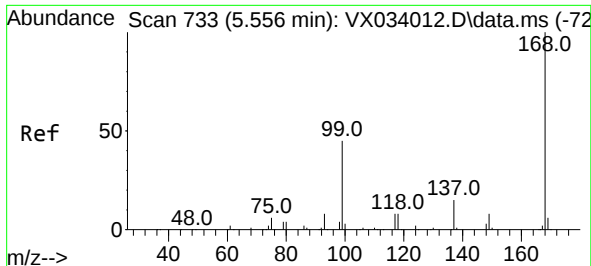
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023

Quant Time: Feb 10 01:08:18 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020423W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 03 23:25:45 2023
Response via : Initial Calibration

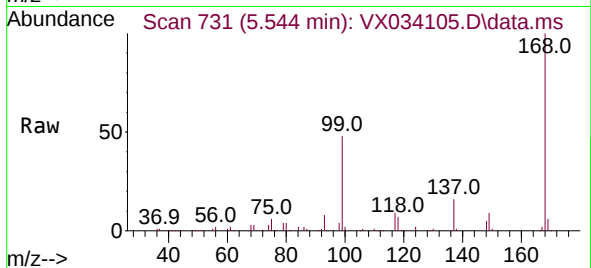
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.012 min
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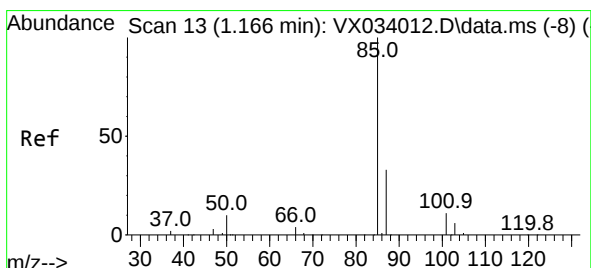
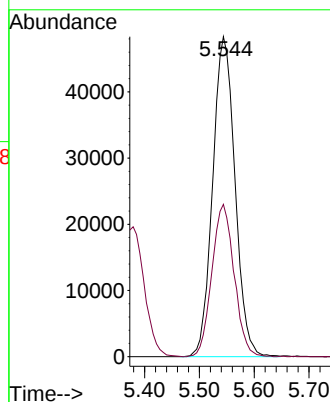
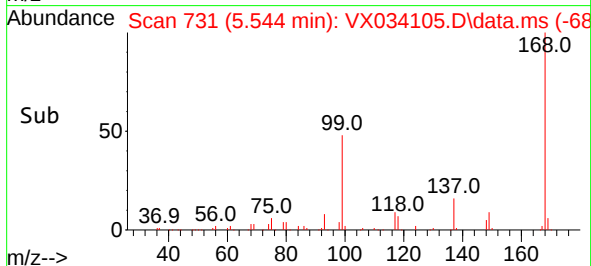
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 13663
Ion Ratio Lower Upper
168 100
99 47.5 39.6 59.4

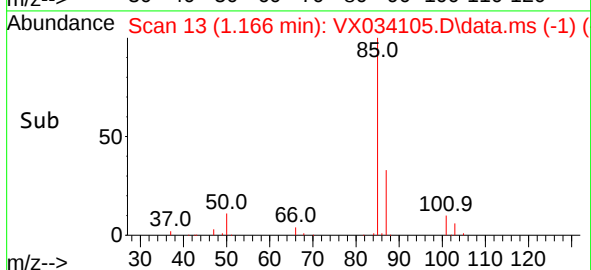
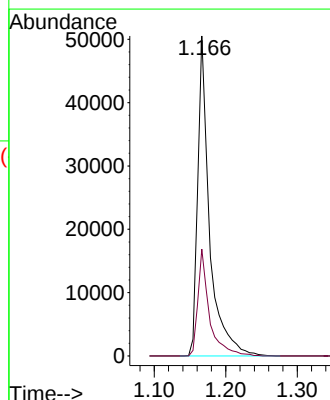
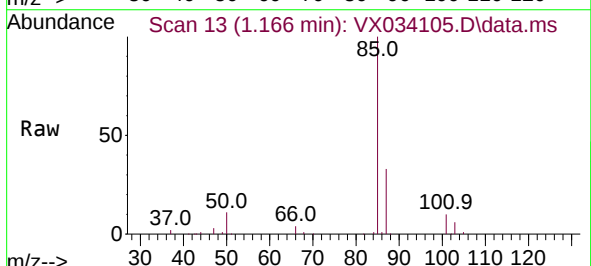
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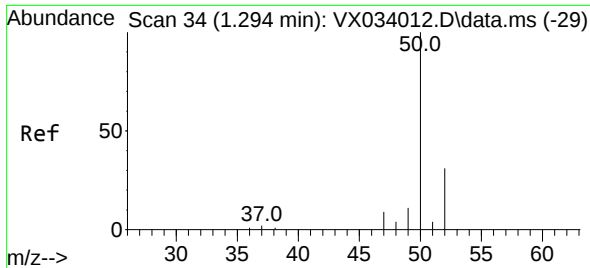
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#2
Dichlorodifluoromethane
Concen: 51.996 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX034105.D
Acq: 09 Feb 2023 17:17

Tgt Ion: 85 Resp: 57753
Ion Ratio Lower Upper
85 100
87 33.4 15.8 47.4





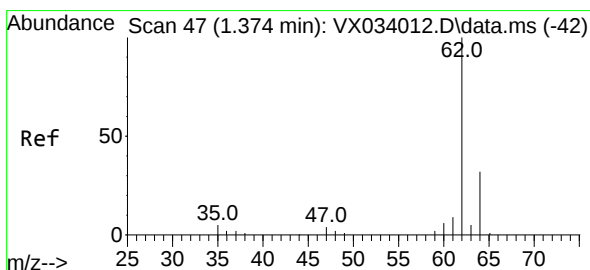
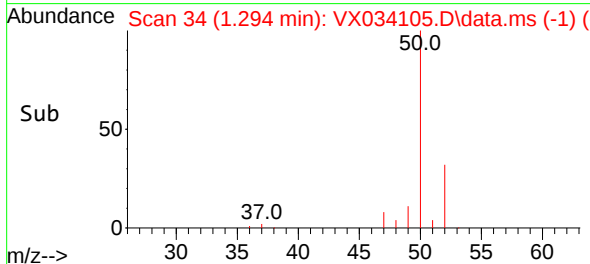
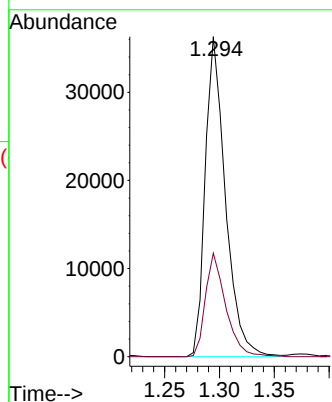
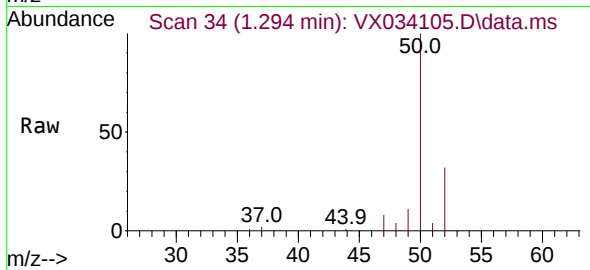
#3
Chloromethane
Concen: 44.404 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX034105.D
Acq: 09 Feb 2023 17:17

Instrument :
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Tgt Ion: 50 Resp: 4654
Ion Ratio Lower Upper
50 100
52 32.3 25.2 37.8

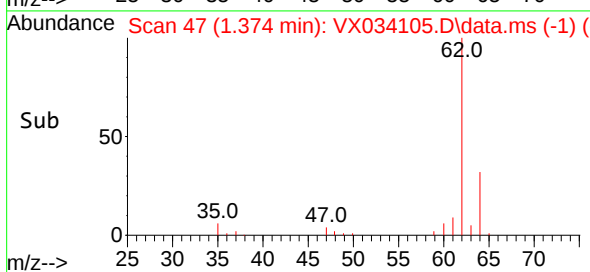
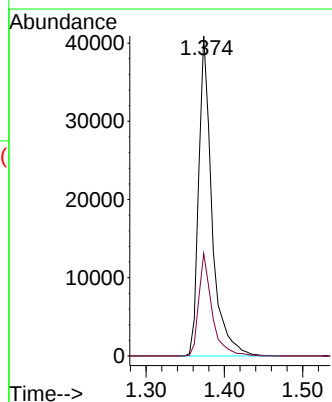
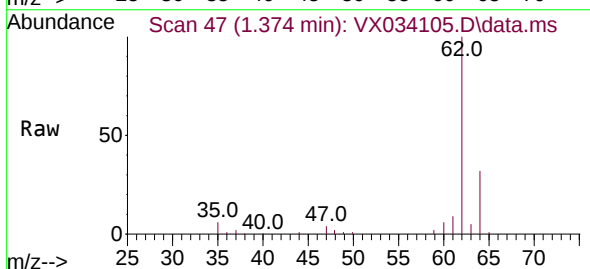
Manual Integrations
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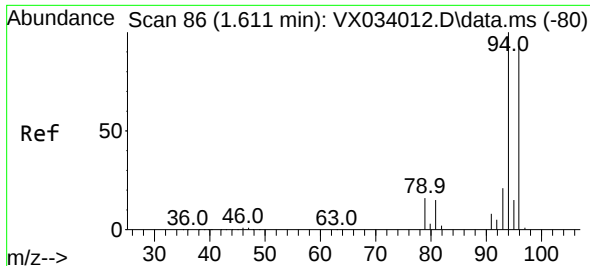
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#4
Vinyl Chloride
Concen: 43.922 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX034105.D
Acq: 09 Feb 2023 17:17

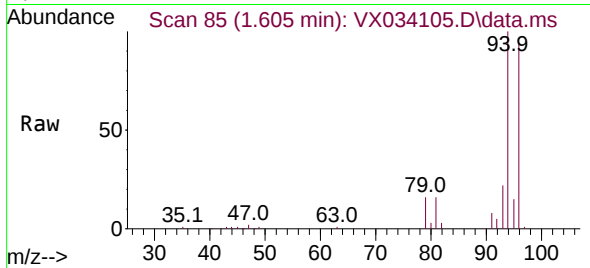
Tgt Ion: 62 Resp: 48214
Ion Ratio Lower Upper
62 100
64 32.0 26.2 39.4





#5
Bromomethane
Concen: 46.455 ug/l
RT: 1.605 min Scan# 86
Delta R.T. -0.006 min
Lab File: VX034105.D
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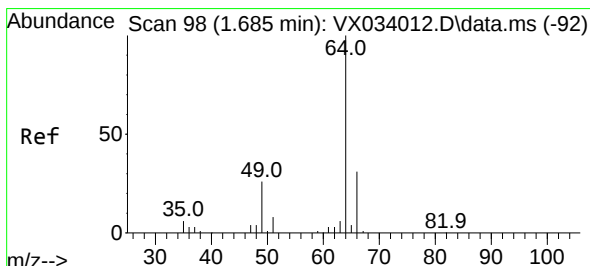
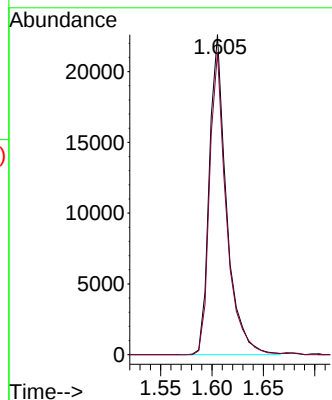
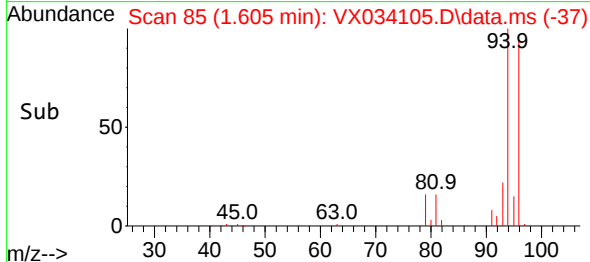
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Tgt Ion: 94 Resp: 26259
Ion Ratio Lower Upper
94 100
96 94.5 74.3 111.5

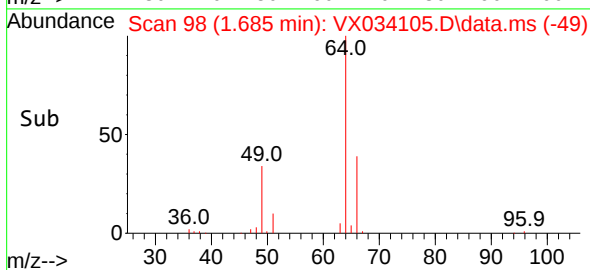
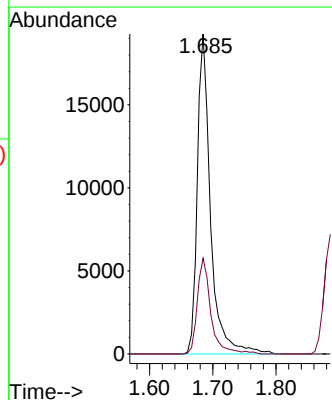
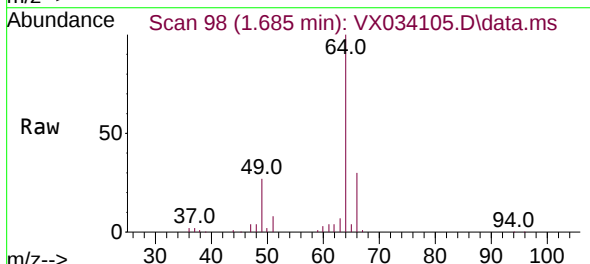
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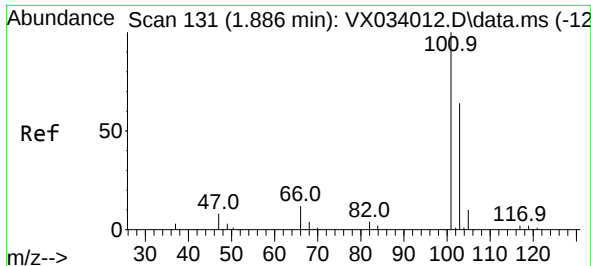
Reviewed By :John Carlone 02/10/2023
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#6
Chloroethane
Concen: 46.075 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX034105.D
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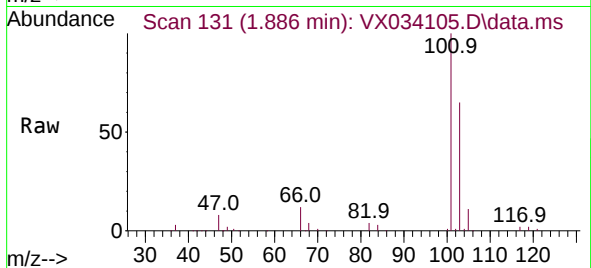
Tgt Ion: 64 Resp: 27968
Ion Ratio Lower Upper
64 100
66 29.9 26.1 39.1





#7
Trichlorofluoromethane
Concen: 48.608 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034105.D
Acq: 09 Feb 2023 17:17

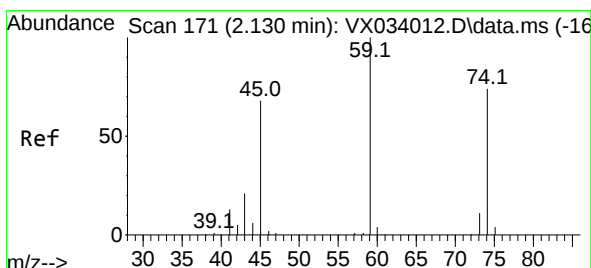
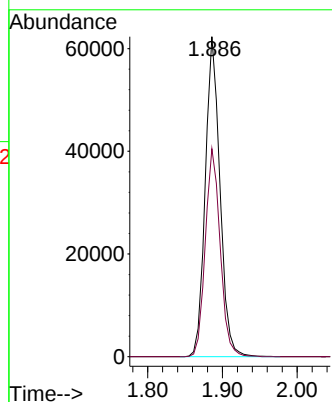
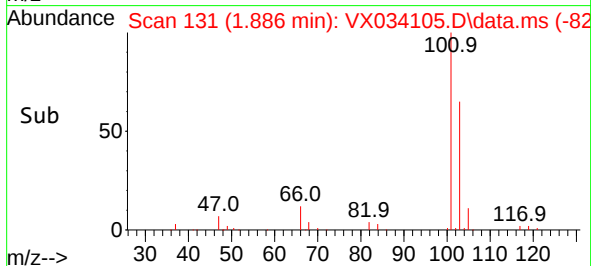
Instrument :
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ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 8489
Ion Ratio Lower Upper
101 100
103 65.0 50.6 75.8

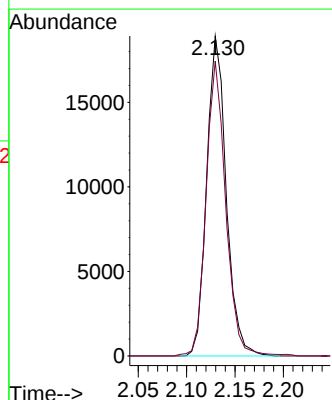
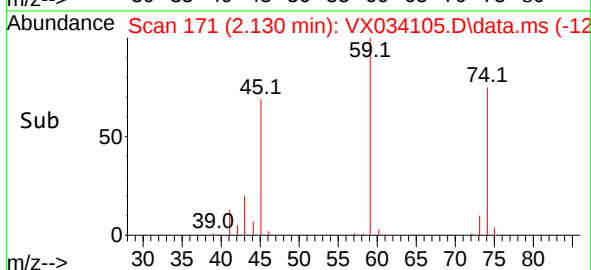
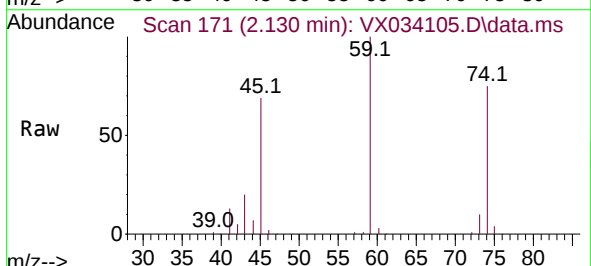
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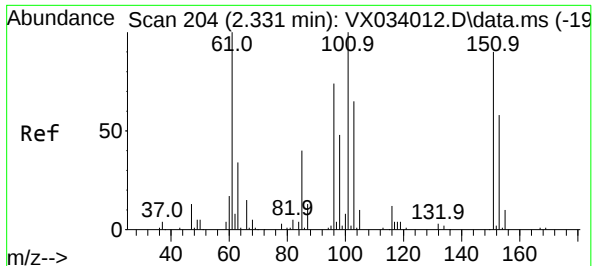
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#8
Diethyl Ether
Concen: 44.320 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX034105.D
Acq: 09 Feb 2023 17:17

Tgt Ion: 74 Resp: 26624
Ion Ratio Lower Upper
74 100
45 92.5 51.5 154.5





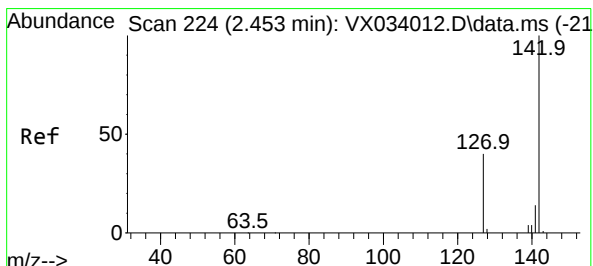
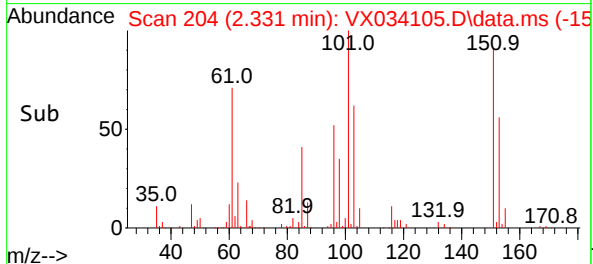
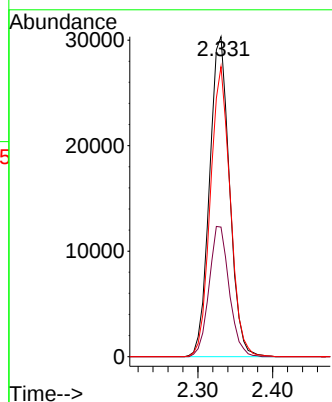
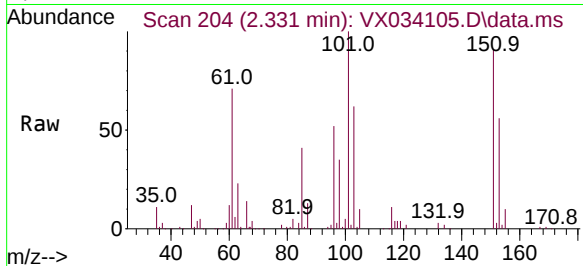
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.359 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX034105.D
Acq: 09 Feb 2023 17:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 56390
Ion Ratio Lower Upper
101 100
85 41.0 36.7 55.1
151 89.8 66.5 99.7

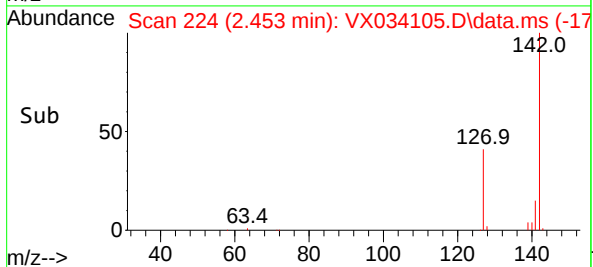
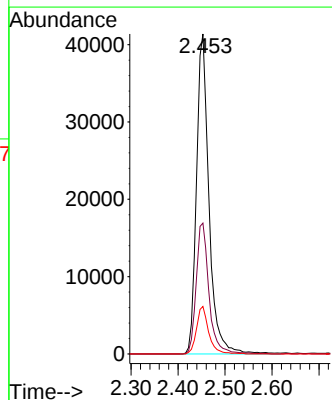
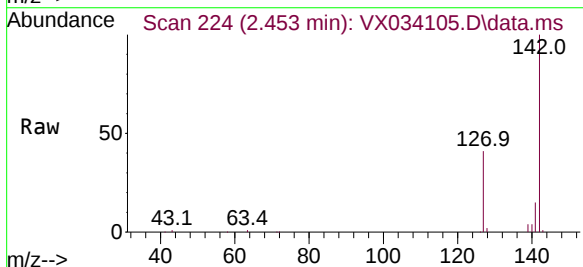
Manual Integrations
APPROVED

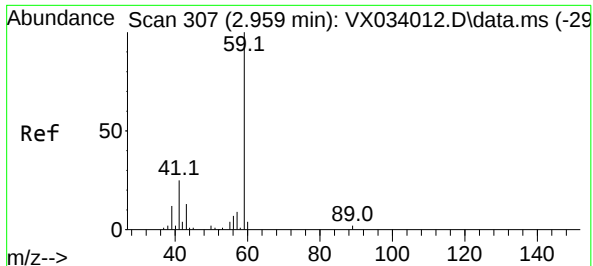
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#10
Methyl Iodide
Concen: 46.444 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX034105.D
Acq: 09 Feb 2023 17:17

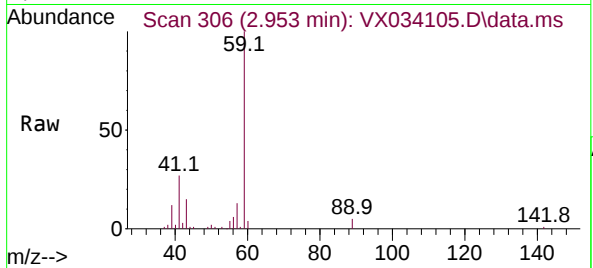
Tgt Ion:142 Resp: 76726
Ion Ratio Lower Upper
142 100
127 41.8 37.3 55.9
141 14.5 11.5 17.3





#11
Tert butyl alcohol
Concen: 260.790 ug/l
RT: 2.953 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX034105.D
Acq: 09 Feb 2023 17:17

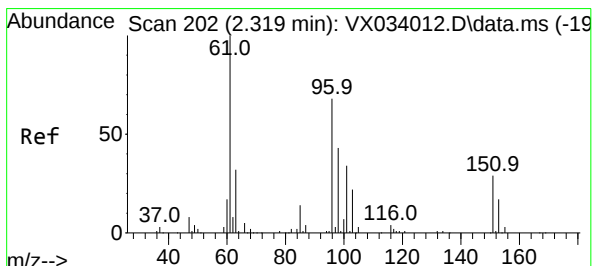
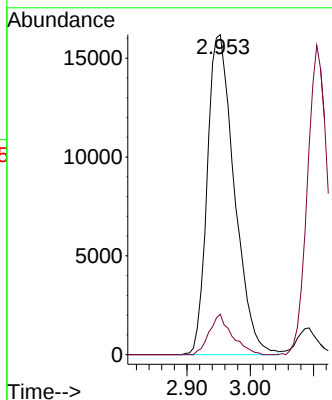
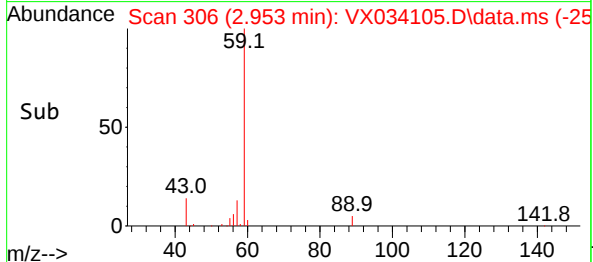
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 48128
Ion Ratio Lower Upper
59 100
57 10.6 3.7 5.5

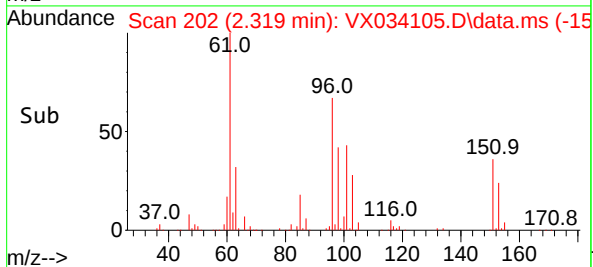
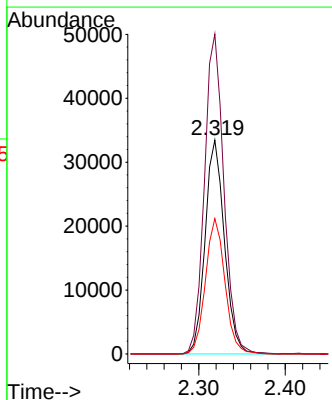
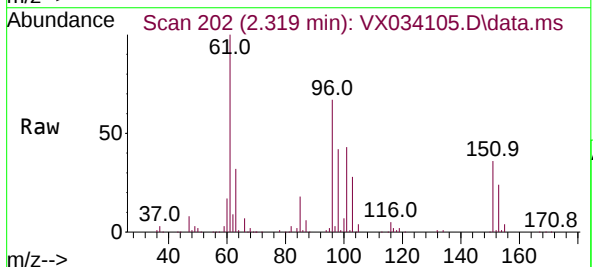
Manual Integrations
APPROVED

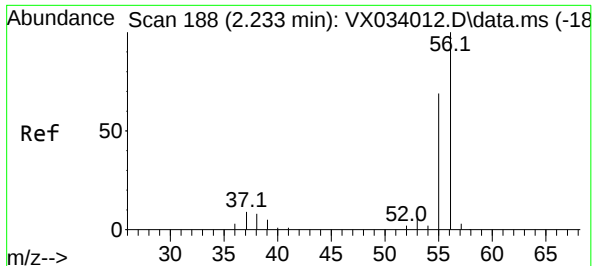
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#12
1,1-Dichloroethene
Concen: 46.418 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX034105.D
Acq: 09 Feb 2023 17:17

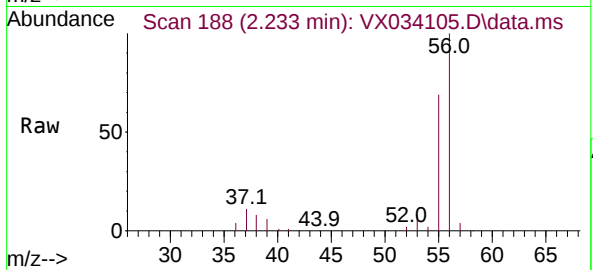
Tgt Ion: 96 Resp: 51930
Ion Ratio Lower Upper
96 100
61 149.6 134.2 201.4
98 63.3 50.2 75.2





#13
Acrolein
Concen: 206.088 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034105.D
Acq: 09 Feb 2023 17:17

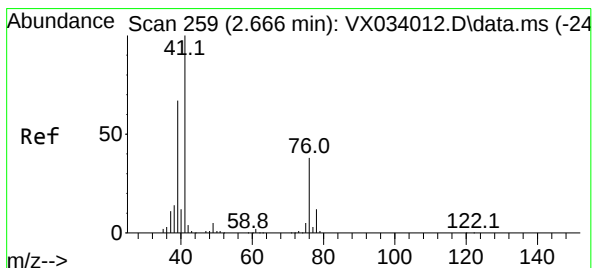
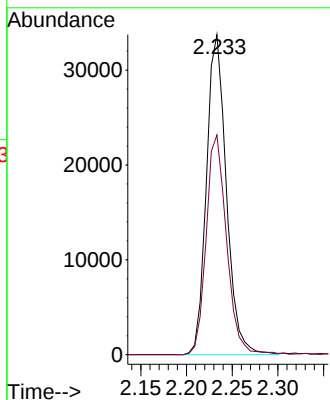
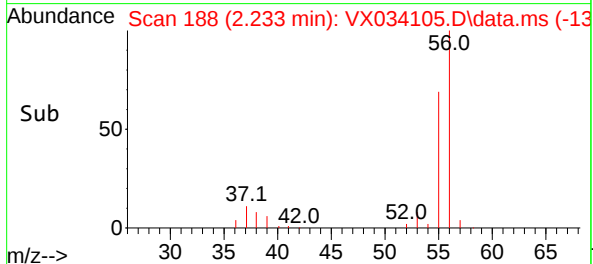
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 5101
Ion Ratio Lower Upper
56 100
55 70.3 56.3 84.5

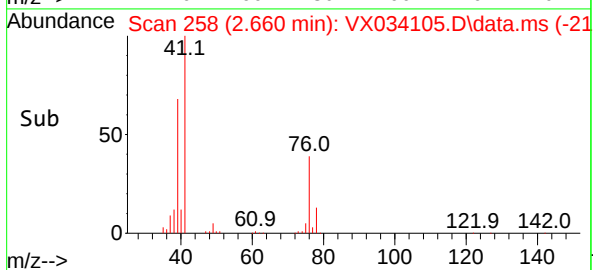
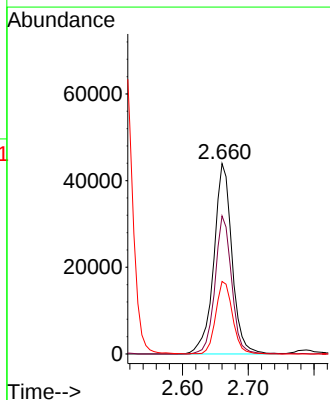
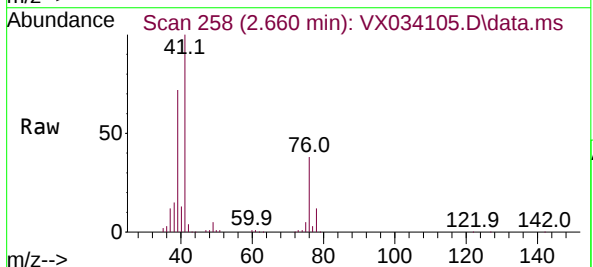
Manual Integrations
APPROVED

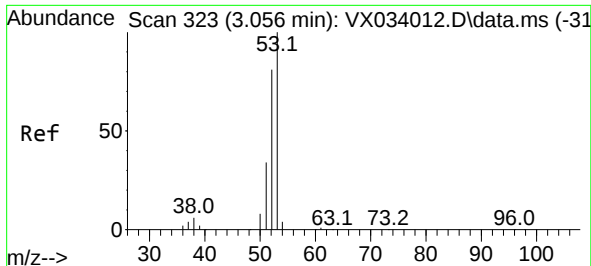
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#14
Allyl chloride
Concen: 46.425 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX034105.D
Acq: 09 Feb 2023 17:17

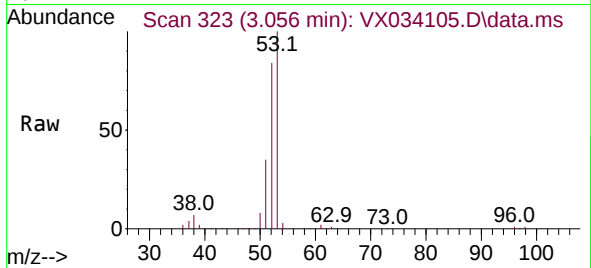
Tgt Ion: 41 Resp: 84681
Ion Ratio Lower Upper
41 100
39 66.1 59.0 88.4
76 35.1 24.6 37.0





#15
Acrylonitrile
Concen: 230.608 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX034105.D
Acq: 09 Feb 2023 17:17

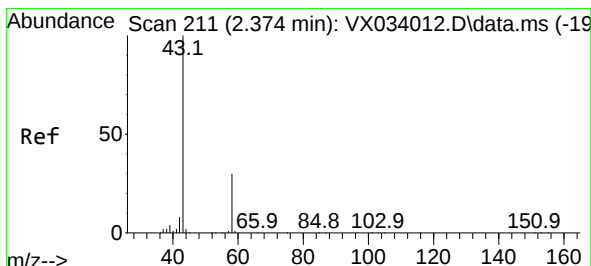
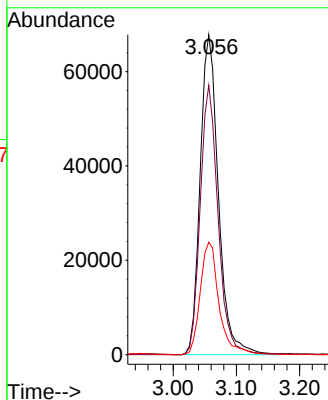
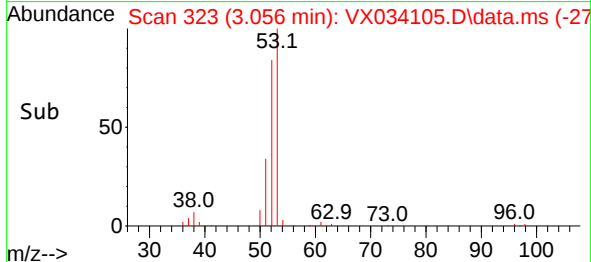
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



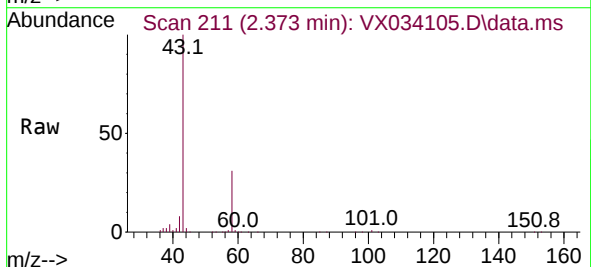
Tgt Ion: 53 Resp: 136510
Ion Ratio Lower Upper
53 100
52 82.5 65.7 98.5
51 36.3 29.0 43.4

Manual Integrations
APPROVED

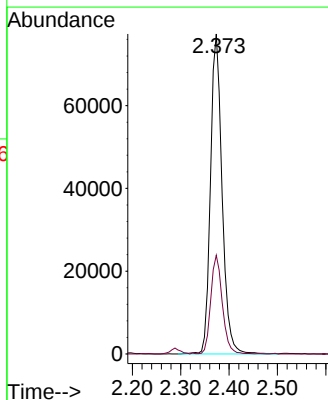
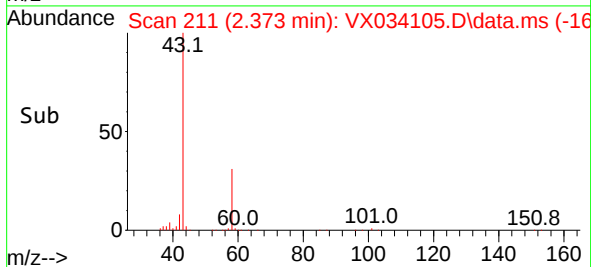
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023

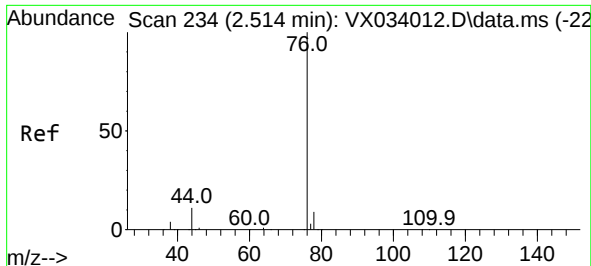


#16
Acetone
Concen: 231.488 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX034105.D
Acq: 09 Feb 2023 17:17



Tgt Ion: 43 Resp: 128787
Ion Ratio Lower Upper
43 100
58 30.8 22.6 33.8





#17

Carbon Disulfide

Concen: 42.920 ug/l

RT: 2.508 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX034105.D

Acq: 09 Feb 2023 17:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 121824

Ion Ratio Lower Upper

76 100

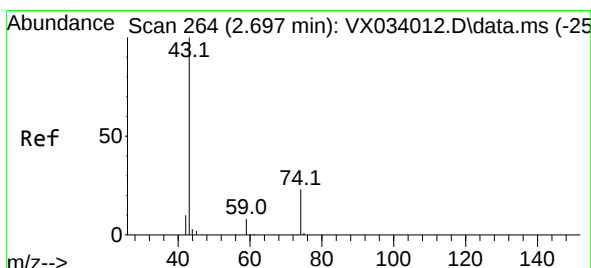
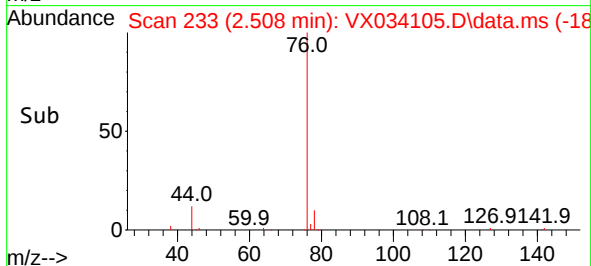
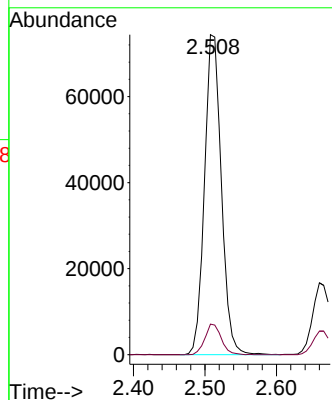
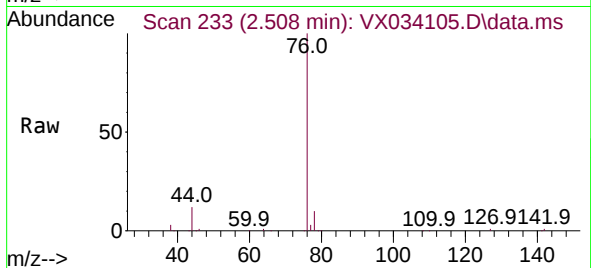
78 9.5 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/10/2023

Supervised By :Semsettin Yesilyurt 02/10/2023



#18

Methyl Acetate

Concen: 47.022 ug/l

RT: 2.697 min Scan# 264

Delta R.T. -0.000 min

Lab File: VX034105.D

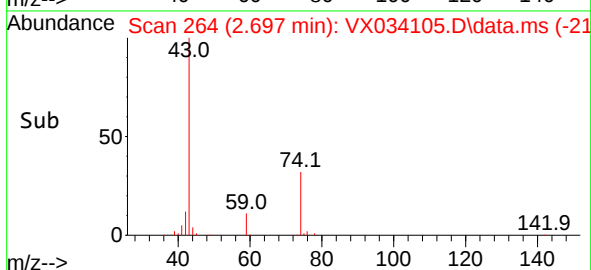
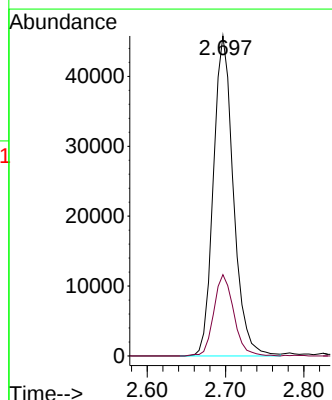
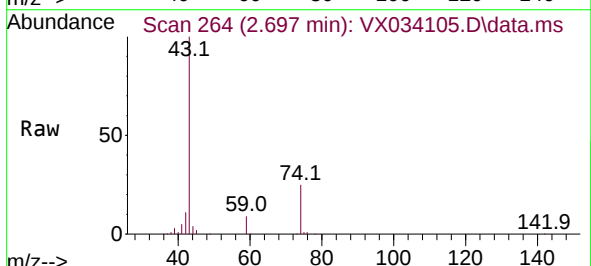
Acq: 09 Feb 2023 17:17

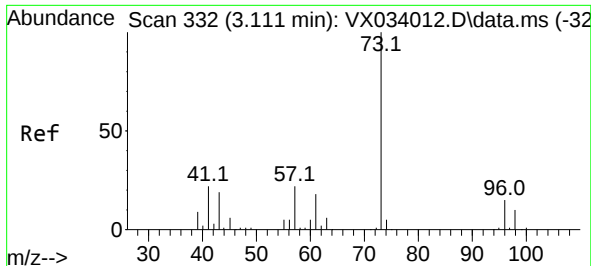
Tgt Ion: 43 Resp: 81376

Ion Ratio Lower Upper

43 100

74 25.3 18.2 27.4





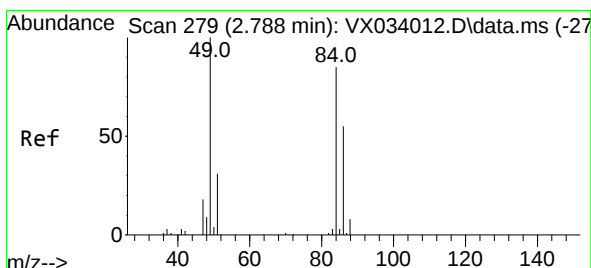
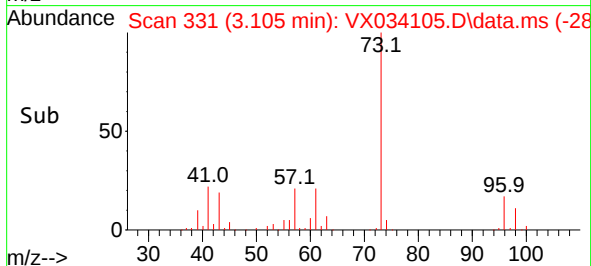
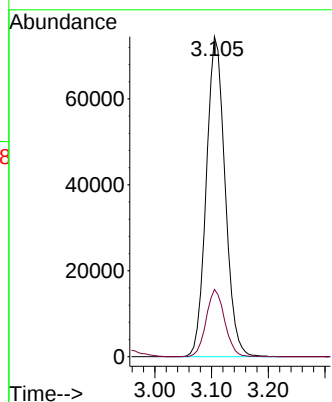
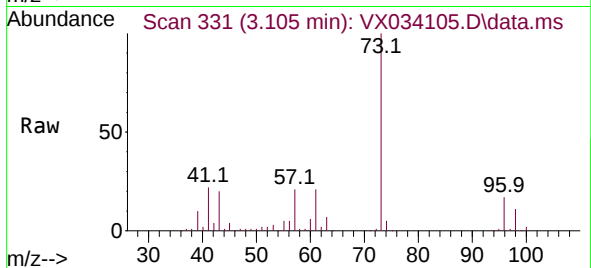
#19
Methyl tert-butyl Ether
Concen: 49.659 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX034105.D
Acq: 09 Feb 2023 17:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 171315
Ion Ratio Lower Upper
73 100
57 21.0 17.4 26.0

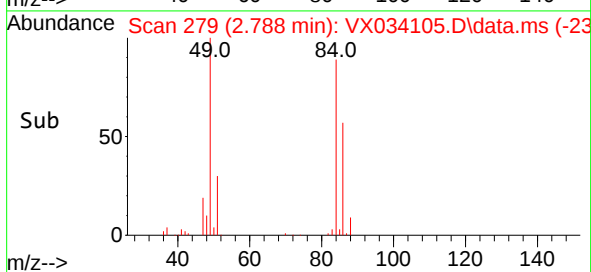
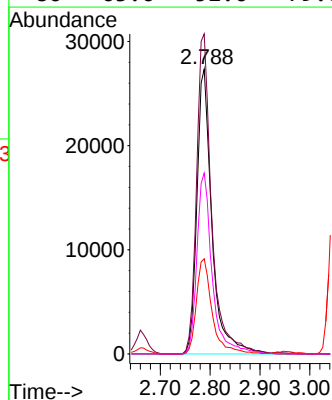
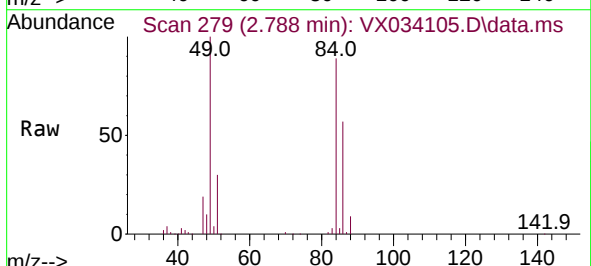
Manual Integrations
APPROVED

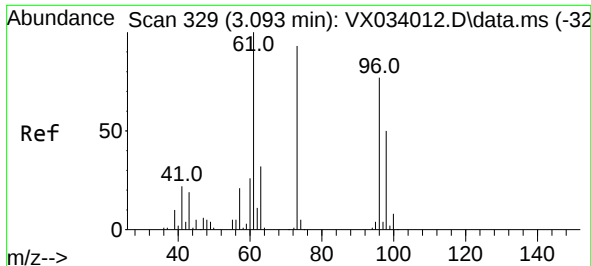
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#20
Methylene Chloride
Concen: 44.992 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX034105.D
Acq: 09 Feb 2023 17:17

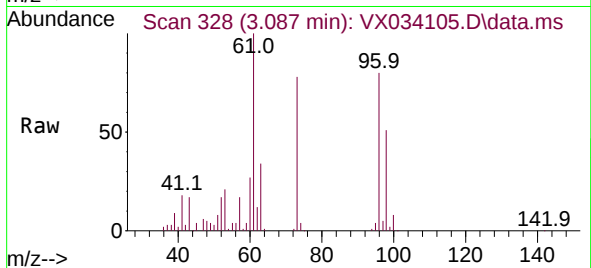
Tgt Ion: 84 Resp: 57266
Ion Ratio Lower Upper
84 100
49 112.3 101.1 151.7
51 33.4 31.0 46.6
86 63.6 52.6 79.0





#21
trans-1,2-Dichloroethene
Concen: 46.293 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX034105.D
Acq: 09 Feb 2023 17:17

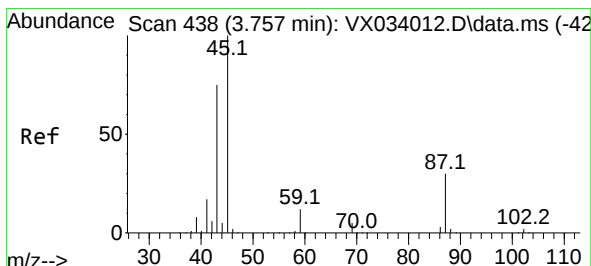
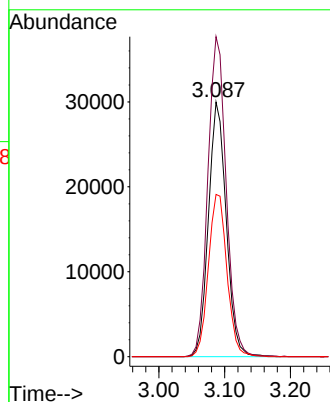
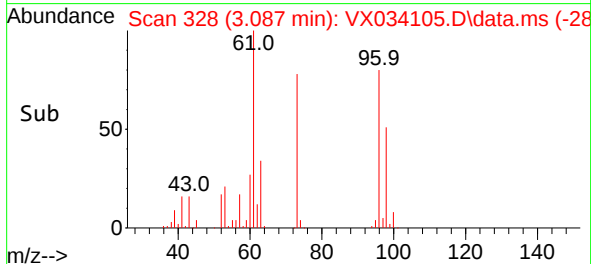
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 56408
Ion Ratio Lower Upper
96 100
61 125.7 106.7 160.1
98 63.8 50.0 75.0

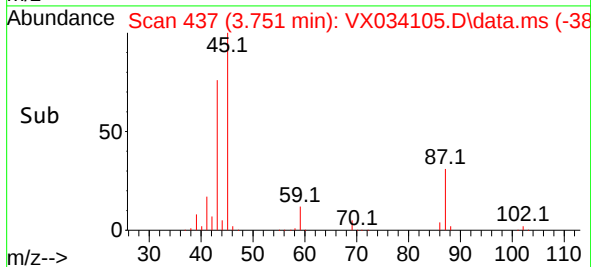
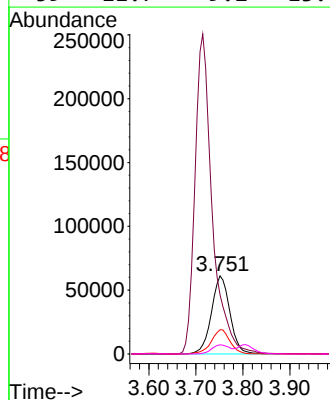
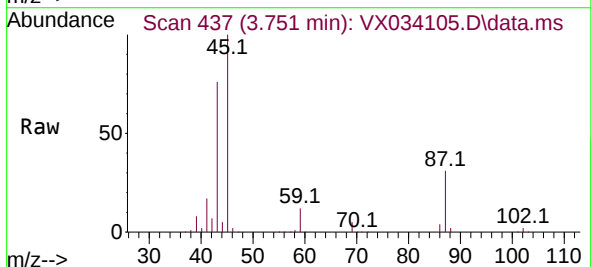
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#22
Diisopropyl ether
Concen: 46.370 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX034105.D
Acq: 09 Feb 2023 17:17

Tgt Ion: 45 Resp: 166914
Ion Ratio Lower Upper
45 100
43 75.2 64.6 97.0
87 31.0 21.9 32.9
59 11.7 9.2 13.8





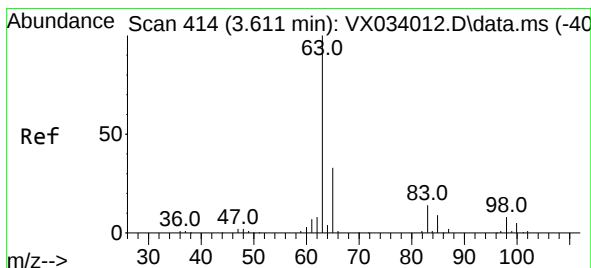
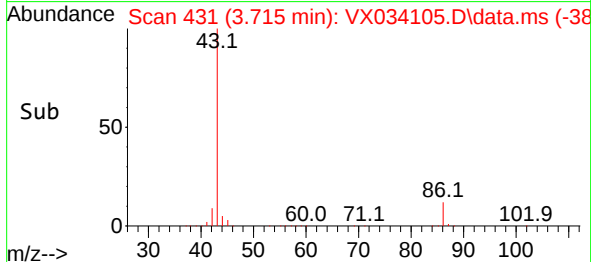
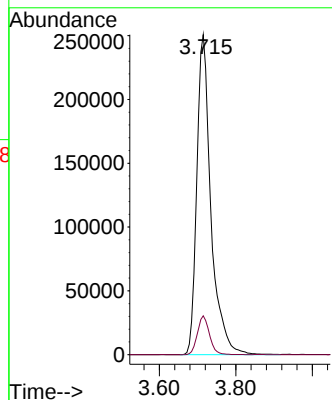
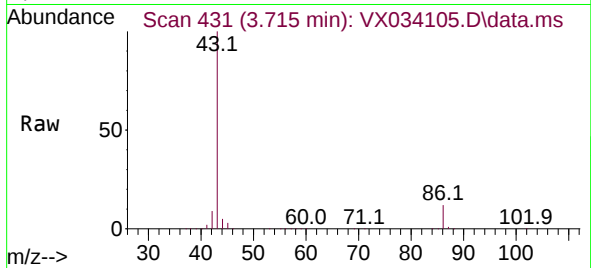
#23
 Vinyl Acetate
 Concen: 234.178 ug/l
 RT: 3.715 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX034105.D
 Acq: 09 Feb 2023 17:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 64189
 Ion Ratio Lower Upper
 43 100
 86 12.2 8.4 12.6

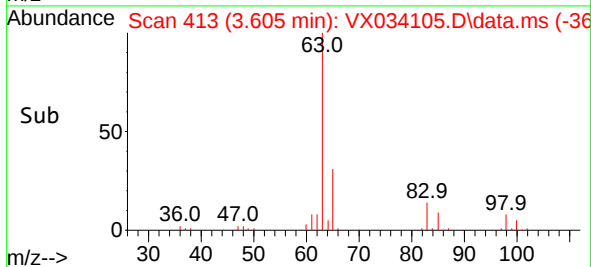
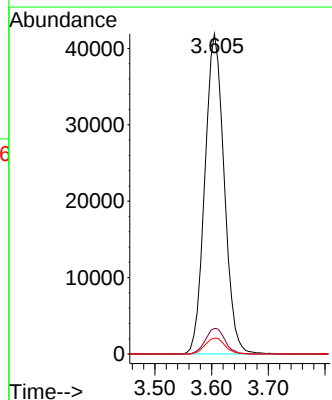
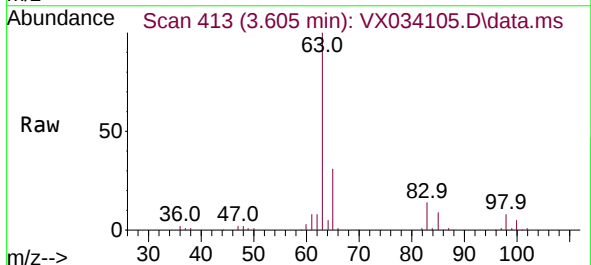
Manual Integrations
 APPROVED

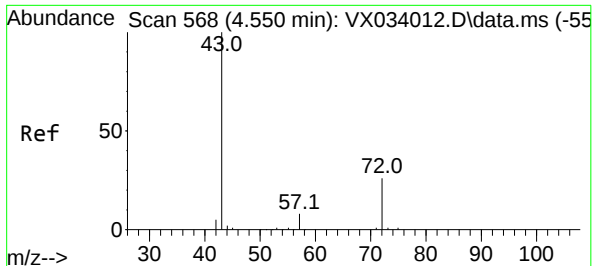
Reviewed By :John Carlone 02/10/2023
 Supervised By :Semsettin Yesilyurt 02/10/2023



#24
 1,1-Dichloroethane
 Concen: 47.793 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX034105.D
 Acq: 09 Feb 2023 17:17

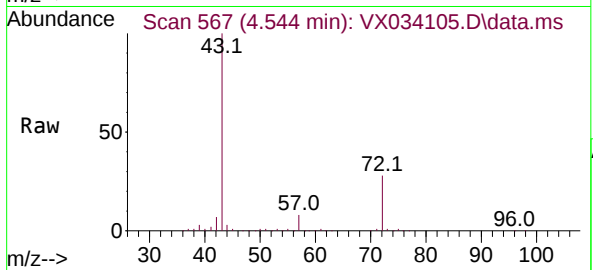
Tgt Ion: 63 Resp: 99161
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.8 11.2
 100 5.0 2.4 7.2





#25
2-Butanone
Concen: 226.689 ug/l
RT: 4.544 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX034105.D
Acq: 09 Feb 2023 17:17

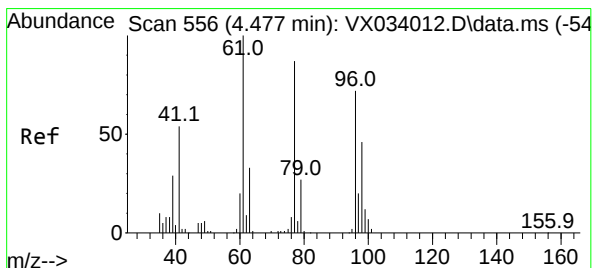
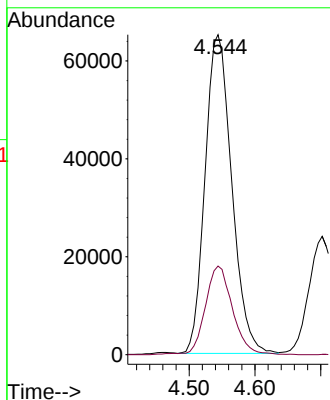
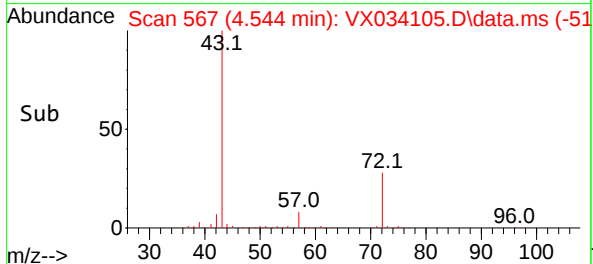
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 18364
Ion Ratio Lower Upper
43 100
72 27.7 19.4 29.2

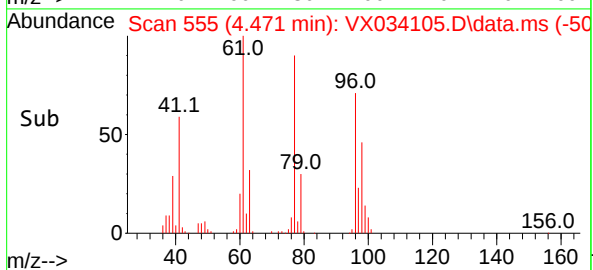
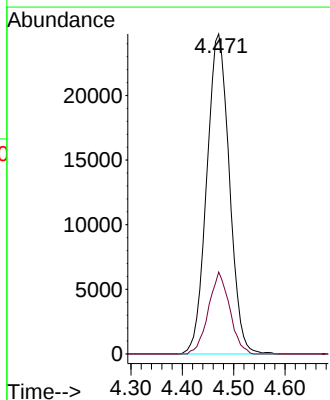
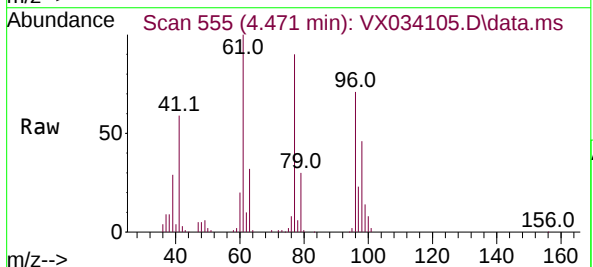
Manual Integrations
APPROVED

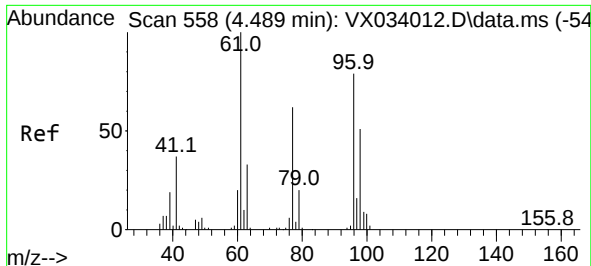
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#26
2,2-Dichloropropane
Concen: 49.902 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX034105.D
Acq: 09 Feb 2023 17:17

Tgt Ion: 77 Resp: 75526
Ion Ratio Lower Upper
77 100
97 24.0 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 47.293 ug/l

RT: 4.483 min Scan# 558

Delta R.T. -0.006 min

Lab File: VX034105.D

Acq: 09 Feb 2023 17:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 66280

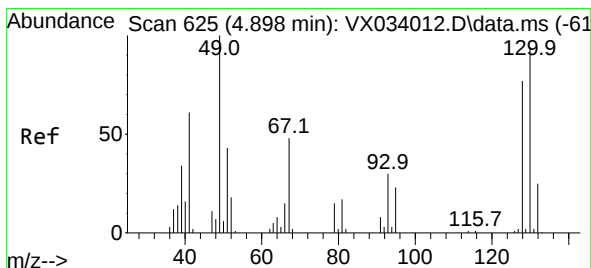
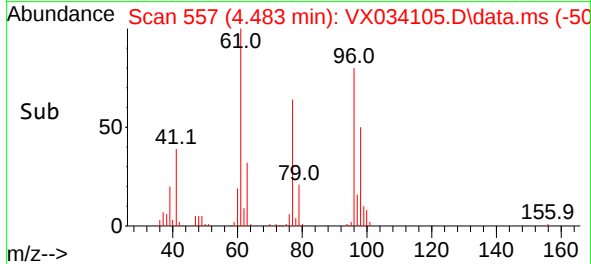
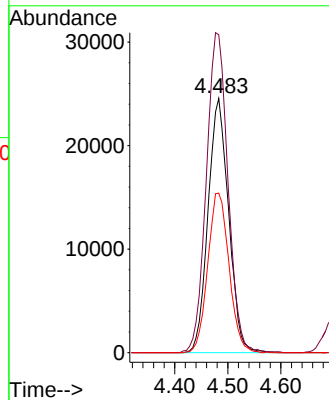
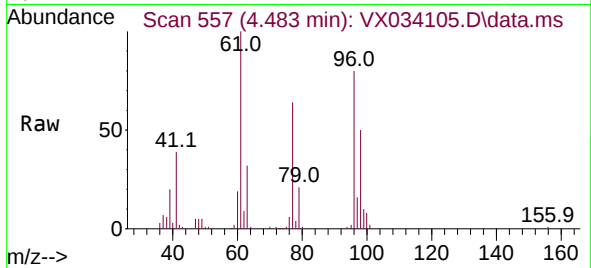
Ion	Ratio	Lower	Upper
96	100		
61	132.3	0.0	277.6
98	64.8	0.0	128.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/10/2023

Supervised By :Semsettin Yesilyurt 02/10/2023



#28

Bromochloromethane

Concen: 45.929 ug/l

RT: 4.885 min Scan# 623

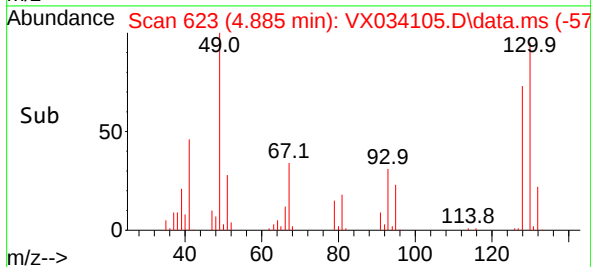
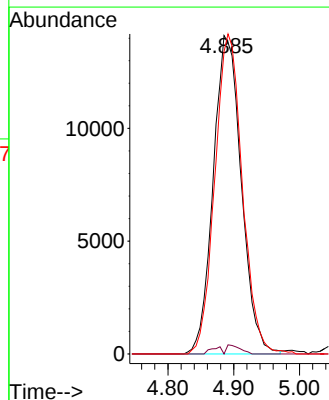
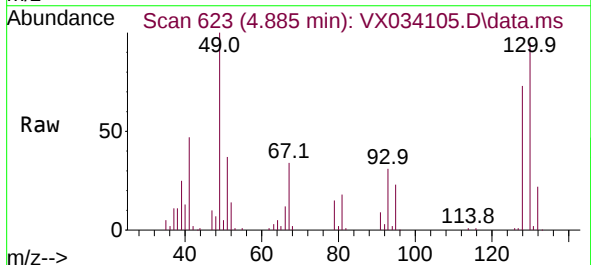
Delta R.T. -0.012 min

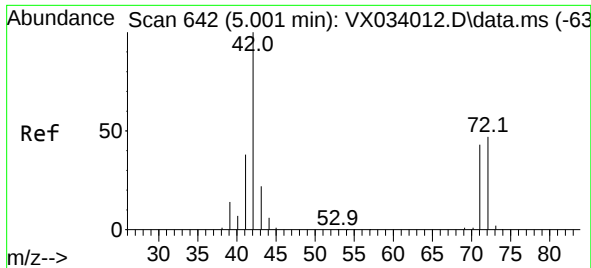
Lab File: VX034105.D

Acq: 09 Feb 2023 17:17

Tgt Ion: 49 Resp: 41897

Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	4.6
130	98.6	68.5	102.7





#29

Tetrahydrofuran

Concen: 224.811 ug/l

RT: 4.995 min Scan# 641

Delta R.T. -0.006 min

Lab File: VX034105.D

Acq: 09 Feb 2023 17:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 11583

Ion Ratio Lower Upper

42 100

72 47.8 34.8 52.2

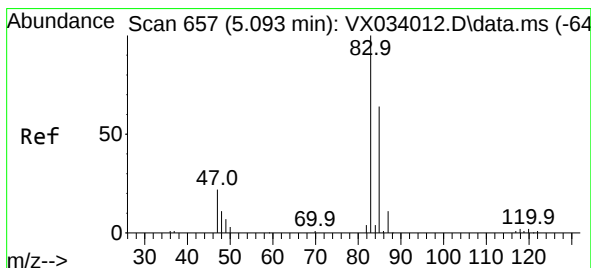
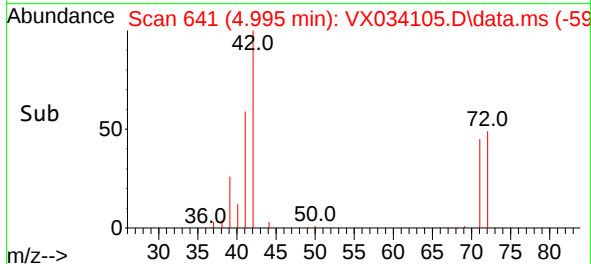
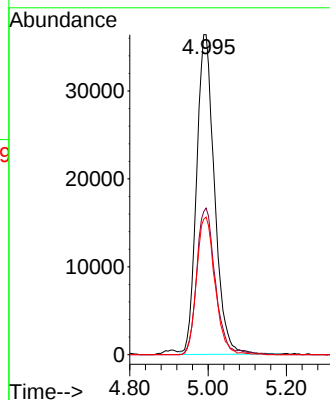
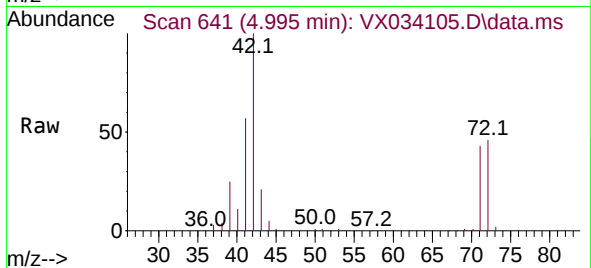
71 44.2 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/10/2023

Supervised By :Semsettin Yesilyurt 02/10/2023



#30

Chloroform

Concen: 48.528 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.006 min

Lab File: VX034105.D

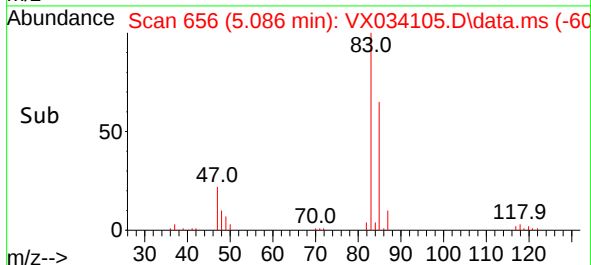
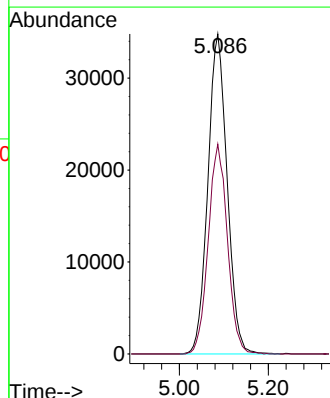
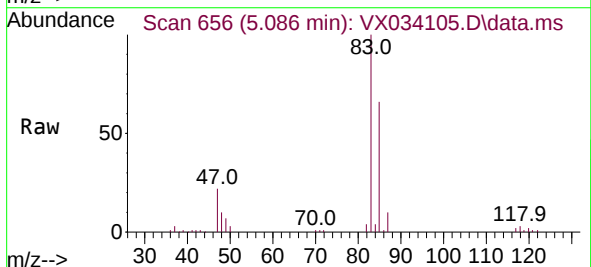
Acq: 09 Feb 2023 17:17

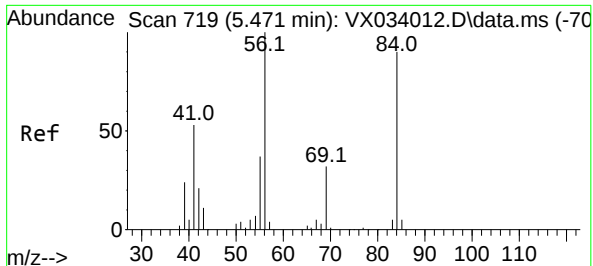
Tgt Ion: 83 Resp: 104936

Ion Ratio Lower Upper

83 100

85 65.6 52.1 78.1





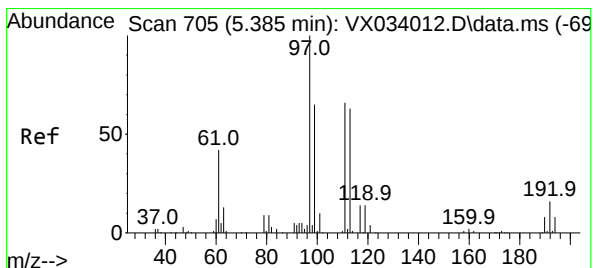
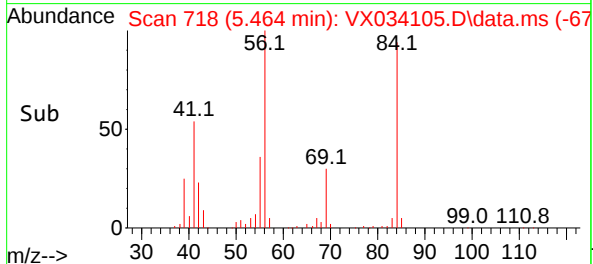
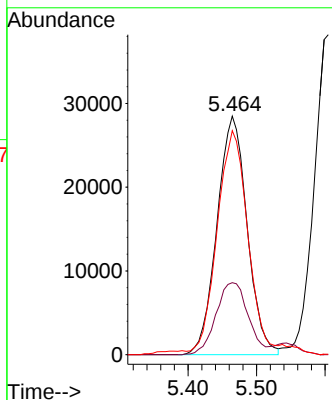
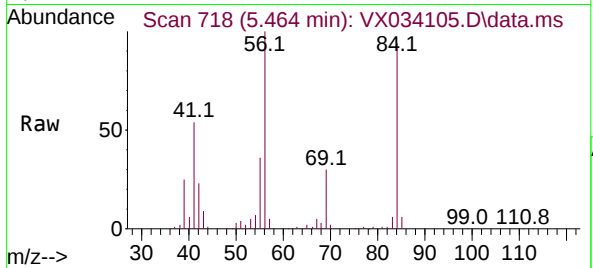
#31
Cyclohexane
Concen: 45.313 ug/l
RT: 5.464 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX034105.D
Acq: 09 Feb 2023 17:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 8692
Ion Ratio Lower Upper
56 100
69 30.2 24.6 37.0
84 92.4 71.0 106.6

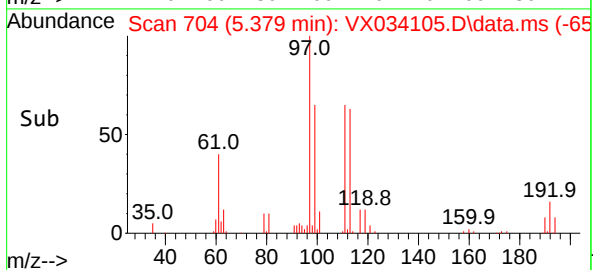
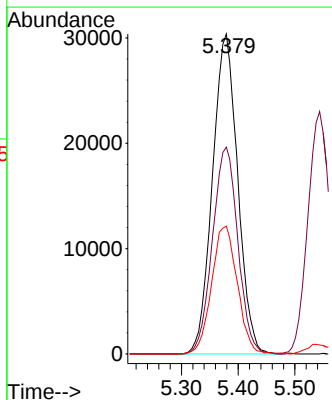
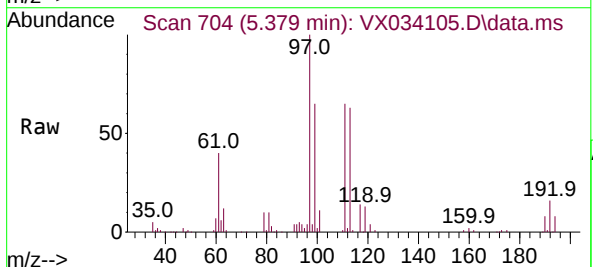
Manual Integrations
APPROVED

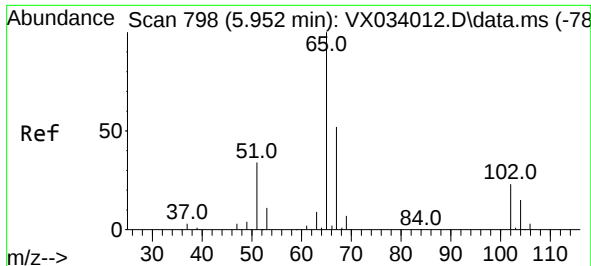
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#32
1,1,1-Trichloroethane
Concen: 50.285 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX034105.D
Acq: 09 Feb 2023 17:17

Tgt Ion: 97 Resp: 93642
Ion Ratio Lower Upper
97 100
99 65.2 52.3 78.5
61 40.9 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 46.993 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX034105.D

Acq: 09 Feb 2023 17:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 61900

Ion Ratio Lower Upper

65 100

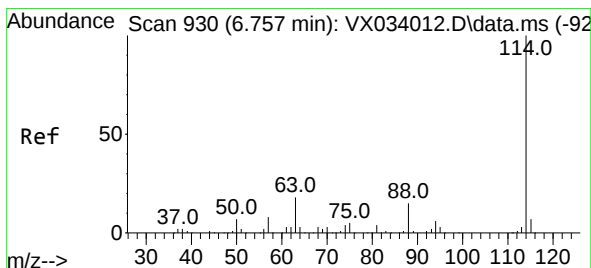
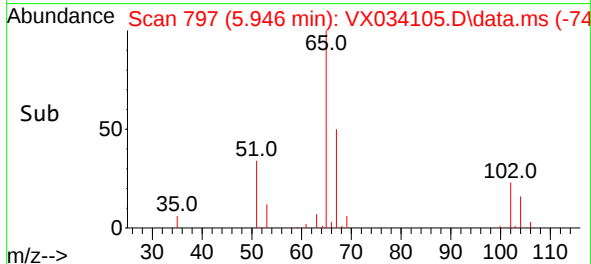
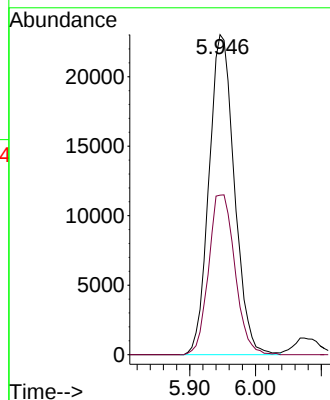
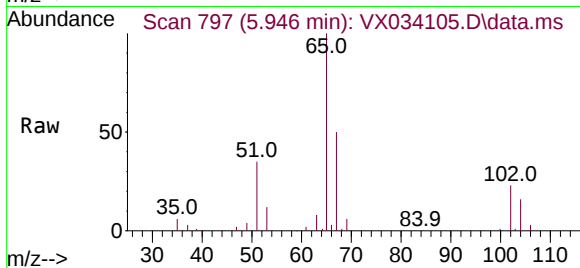
67 51.7 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/10/2023

Supervised By :Semsettin Yesilyurt 02/10/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX034105.D

Acq: 09 Feb 2023 17:17

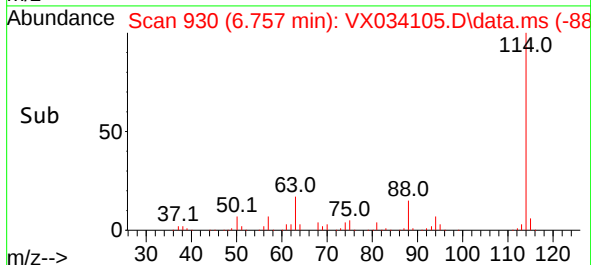
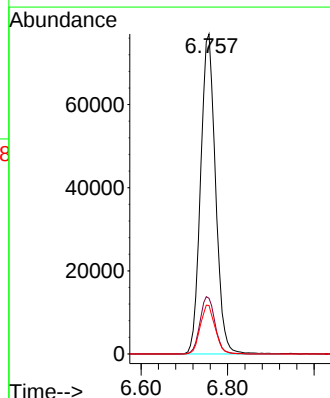
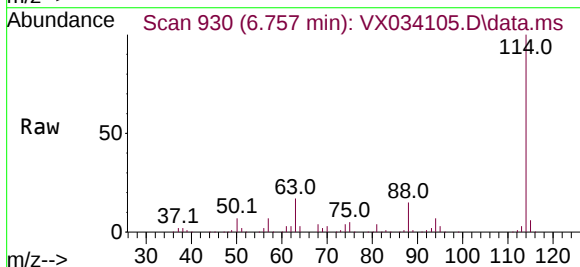
Tgt Ion:114 Resp: 183979

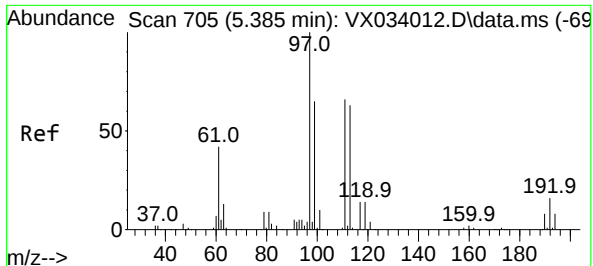
Ion Ratio Lower Upper

114 100

63 17.4 0.0 37.4

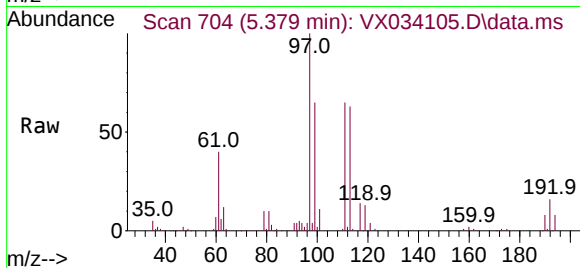
88 15.1 0.0 30.6





#35
Dibromofluoromethane
Concen: 47.470 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX034105.D
Acq: 09 Feb 2023 17:17

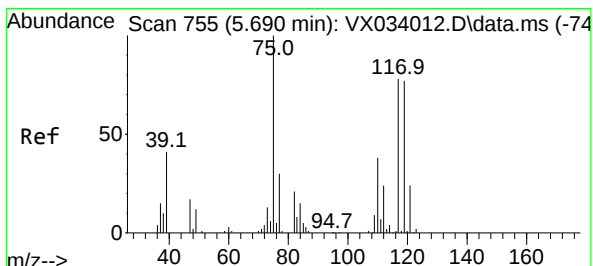
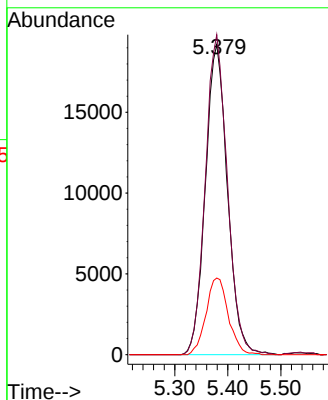
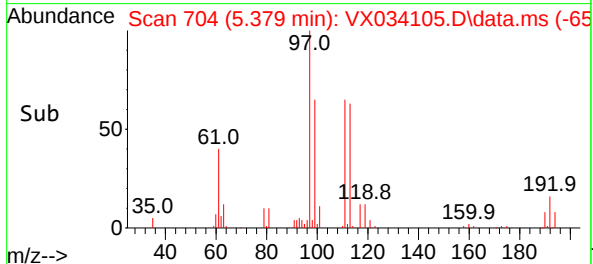
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 5558
Ion Ratio Lower Upper
113 100
111 102.8 83.0 124.6
192 24.9 19.0 28.4

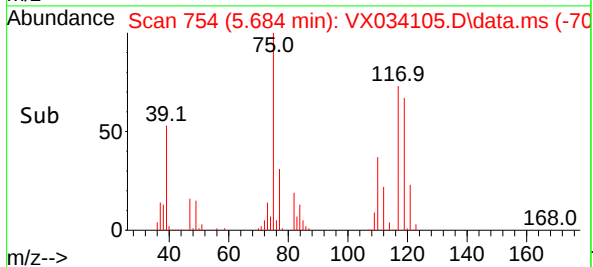
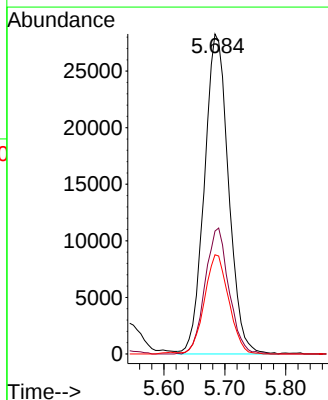
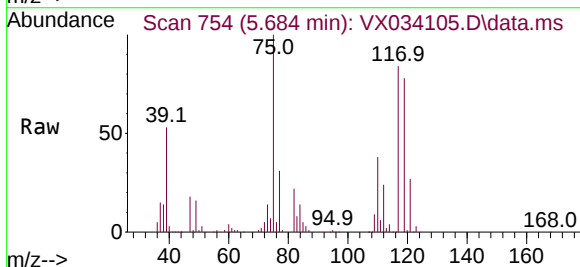
Manual Integrations
APPROVED

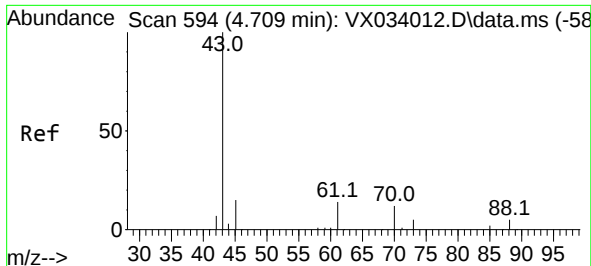
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#36
1,1-Dichloropropene
Concen: 48.495 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX034105.D
Acq: 09 Feb 2023 17:17

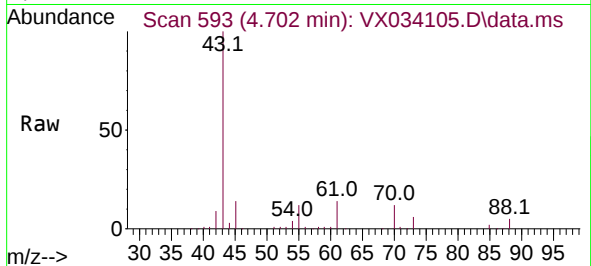
Tgt Ion: 75 Resp: 77853
Ion Ratio Lower Upper
75 100
110 38.8 18.8 56.4
77 31.1 25.1 37.7





#37
Ethyl Acetate
Concen: 46.893 ug/l
RT: 4.702 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX034105.D
Acq: 09 Feb 2023 17:17

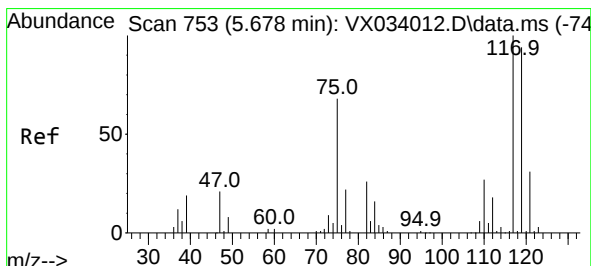
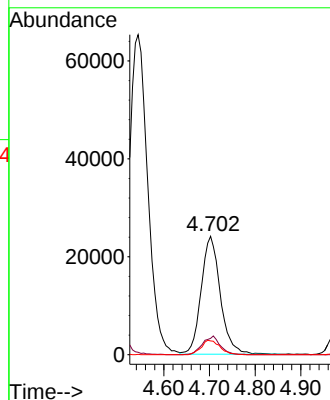
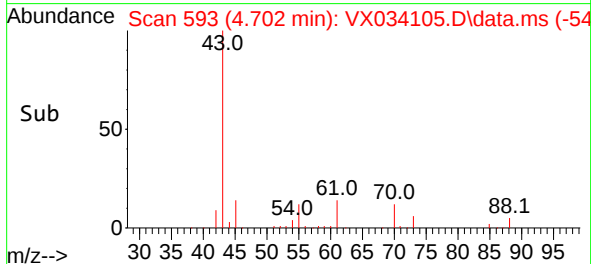
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 70129
Ion Ratio Lower Upper
43 100
61 14.7 11.1 16.7
70 11.8 8.5 12.7

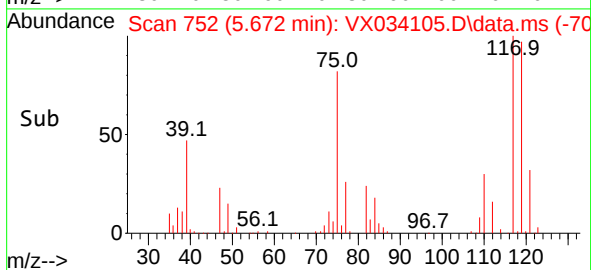
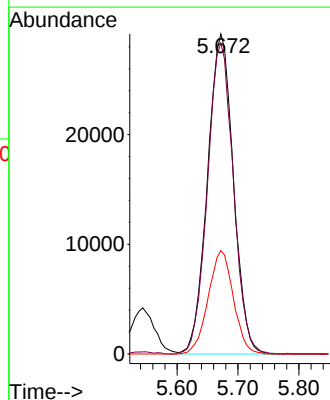
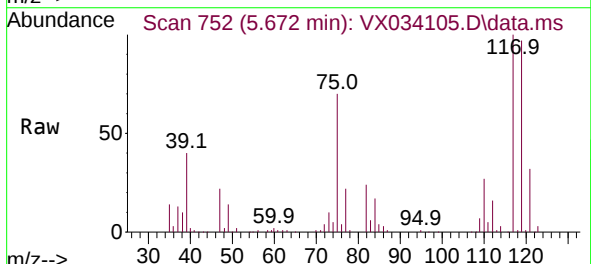
Manual Integrations
APPROVED

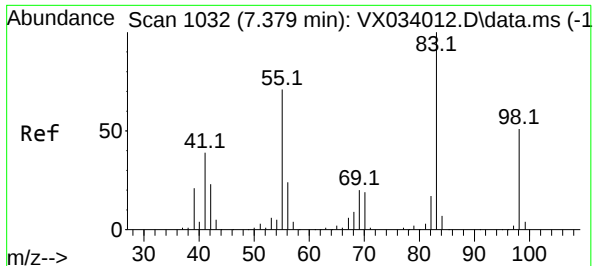
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#38
Carbon Tetrachloride
Concen: 50.352 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX034105.D
Acq: 09 Feb 2023 17:17

Tgt Ion:117 Resp: 86212
Ion Ratio Lower Upper
117 100
119 97.2 78.0 117.0
121 32.3 24.4 36.6





#39
Methylcyclohexane
Concen: 47.637 ug/l
RT: 7.373 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX034105.D
Acq: 09 Feb 2023 17:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

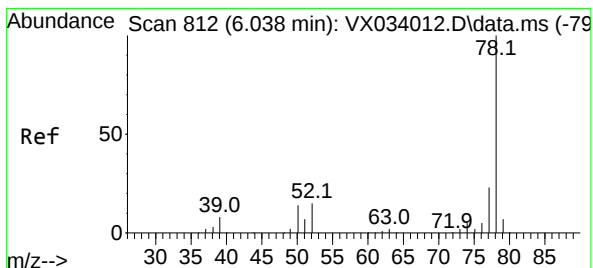
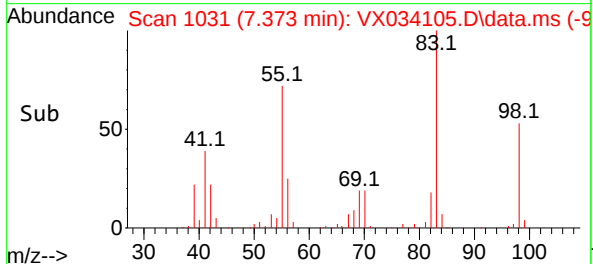
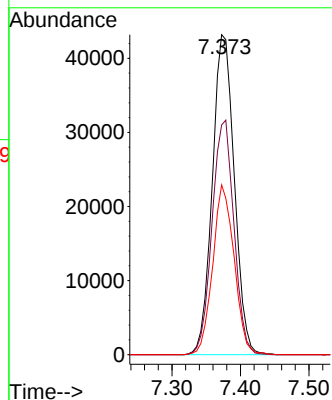
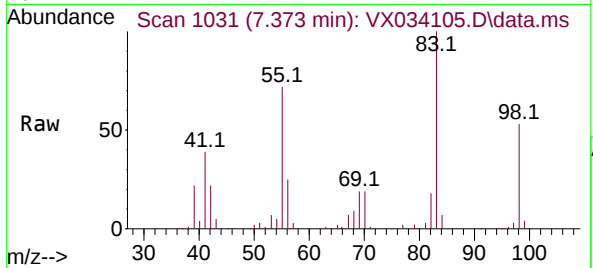
Tgt Ion: 83 Resp: 96264
Ion Ratio Lower Upper
83 100
55 71.8 61.8 92.6
98 53.0 39.3 58.9

Manual Integrations

APPROVED

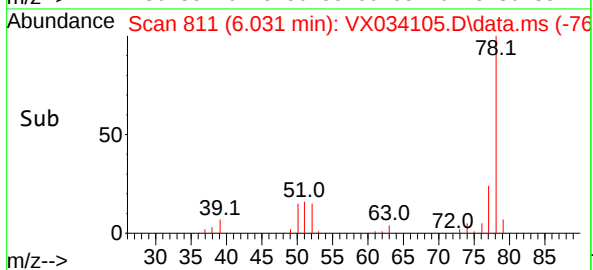
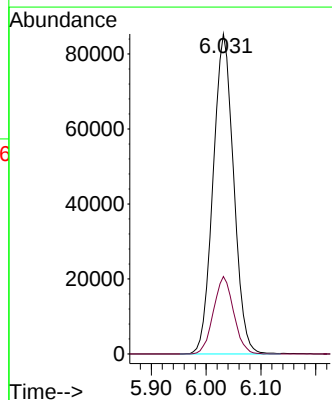
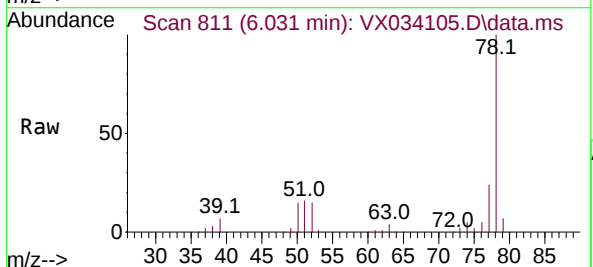
Reviewed By :John Carlone 02/10/2023

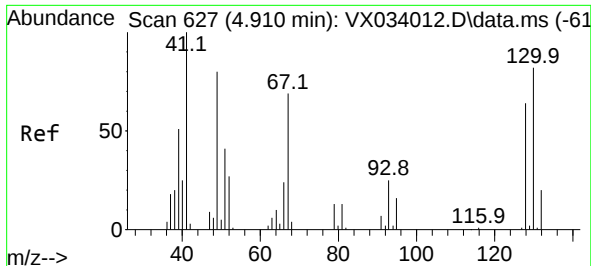
Supervised By :Semsettin Yesilyurt 02/10/2023



#40
Benzene
Concen: 47.832 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX034105.D
Acq: 09 Feb 2023 17:17

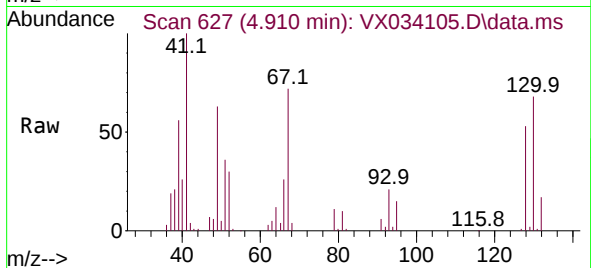
Tgt Ion: 78 Resp: 222177
Ion Ratio Lower Upper
78 100
77 24.2 19.0 28.4





#41
Methacrylonitrile
Concen: 47.371 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX034105.D
Acq: 09 Feb 2023 17:17

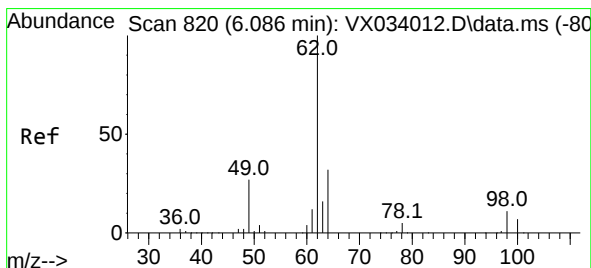
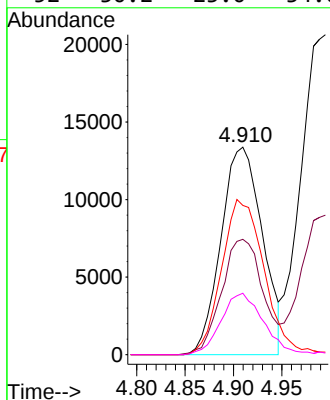
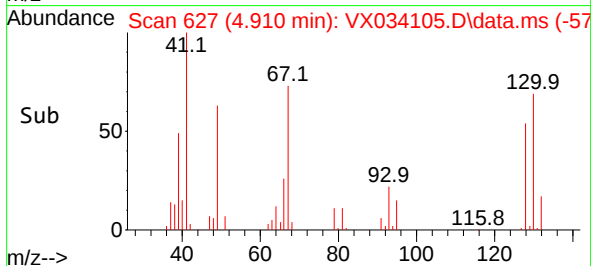
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 3986
Ion Ratio Lower Upper
41 100
39 55.2 43.8 65.6
67 77.1 54.8 82.2
52 30.2 23.0 34.6

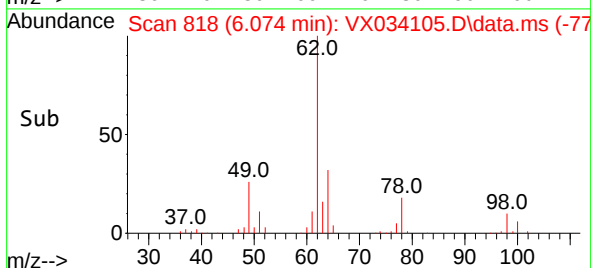
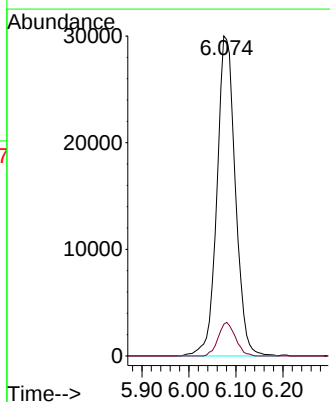
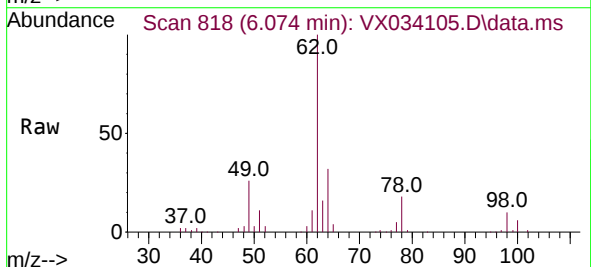
Manual Integrations
APPROVED

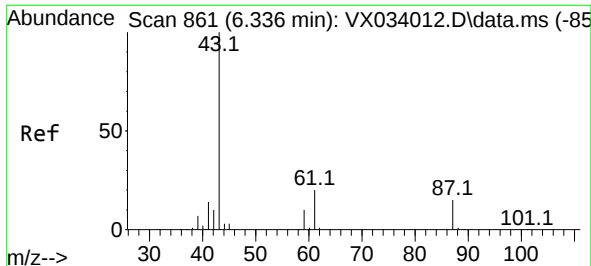
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#42
1,2-Dichloroethane
Concen: 51.853 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.012 min
Lab File: VX034105.D
Acq: 09 Feb 2023 17:17

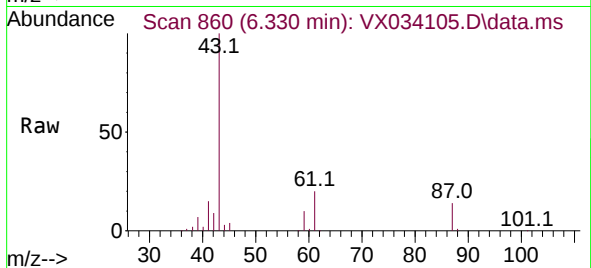
Tgt Ion: 62 Resp: 81844
Ion Ratio Lower Upper
62 100
98 9.8 0.0 20.2





#43
Isopropyl Acetate
Concen: 48.627 ug/l
RT: 6.330 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX034105.D
Acq: 09 Feb 2023 17:17

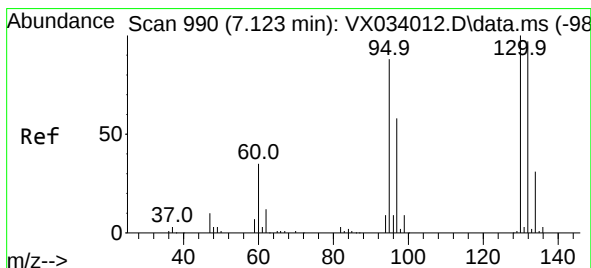
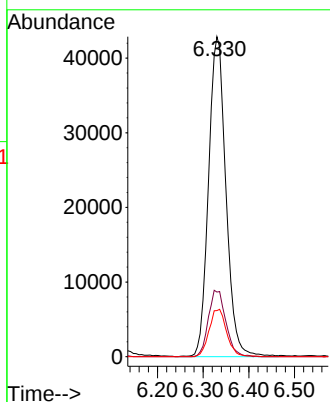
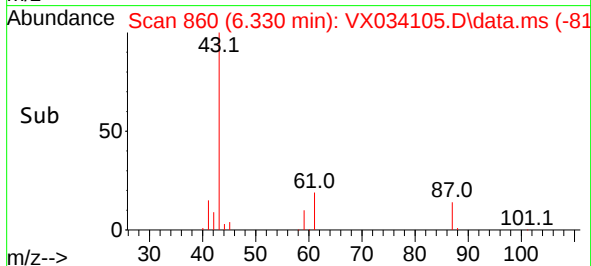
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 113412
Ion Ratio Lower Upper
43 100
61 20.8 15.7 23.5
87 14.9 10.6 15.8

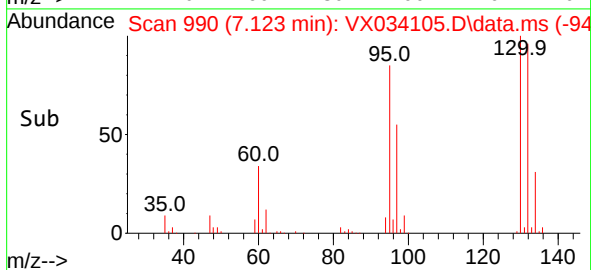
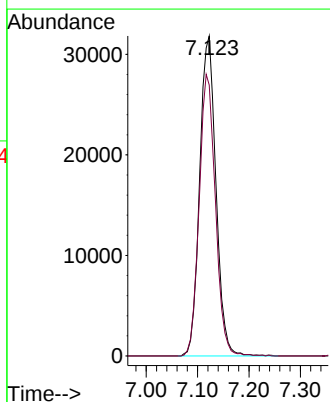
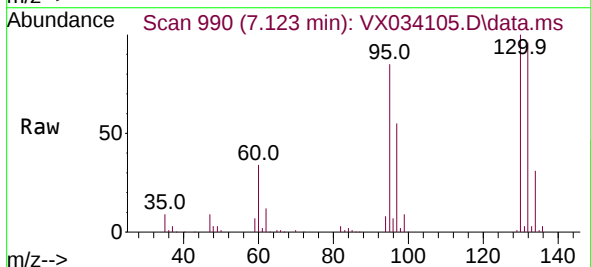
Manual Integrations
APPROVED

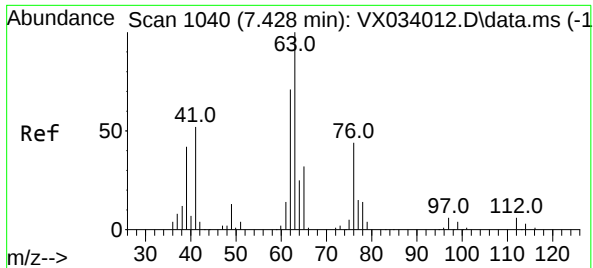
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#44
Trichloroethene
Concen: 49.052 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX034105.D
Acq: 09 Feb 2023 17:17

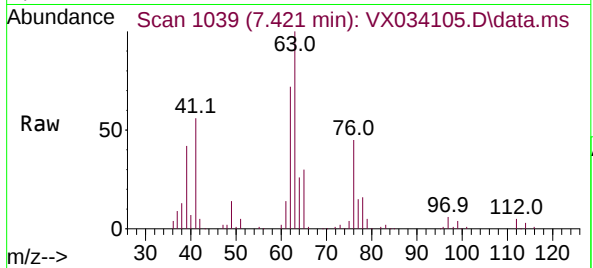
Tgt Ion:130 Resp: 70026
Ion Ratio Lower Upper
130 100
95 84.7 0.0 182.6





#45
1,2-Dichloropropane
Concen: 48.093 ug/l
RT: 7.421 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VX034105.D
Acq: 09 Feb 2023 17:17

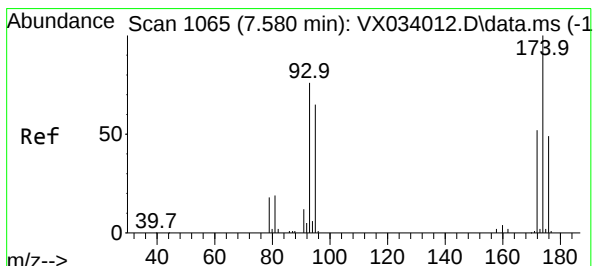
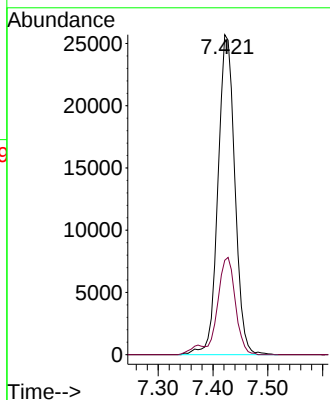
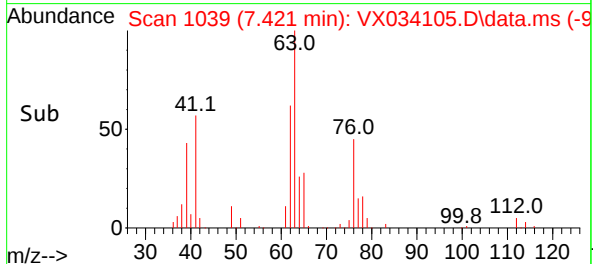
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 63 Resp: 5515
Ion Ratio Lower Upper
63 100
65 29.5 24.2 36.2

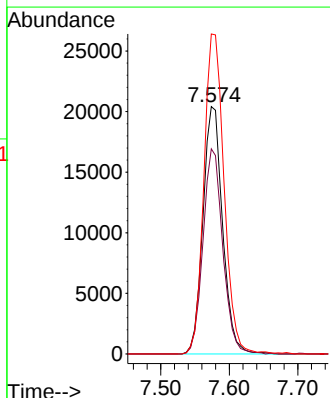
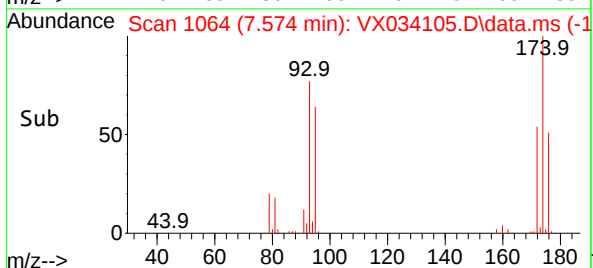
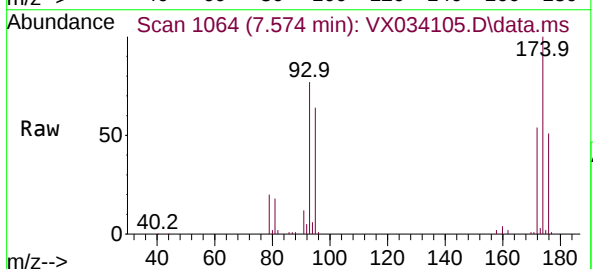
Manual Integrations
APPROVED

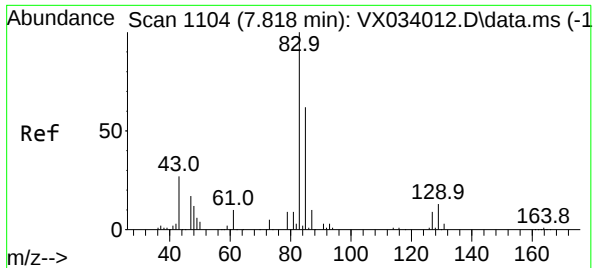
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#46
Dibromomethane
Concen: 49.597 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.006 min
Lab File: VX034105.D
Acq: 09 Feb 2023 17:17

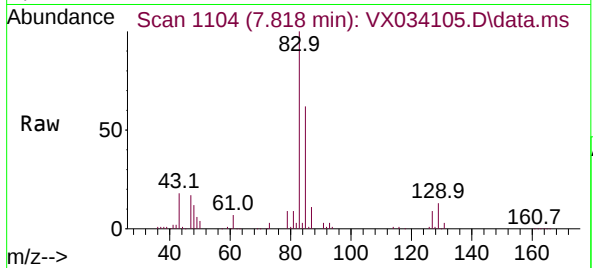
Tgt Ion: 93 Resp: 40751
Ion Ratio Lower Upper
93 100
95 83.3 67.6 101.4
174 132.6 97.4 146.0





#47
Bromodichloromethane
Concen: 51.313 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX034105.D
Acq: 09 Feb 2023 17:17

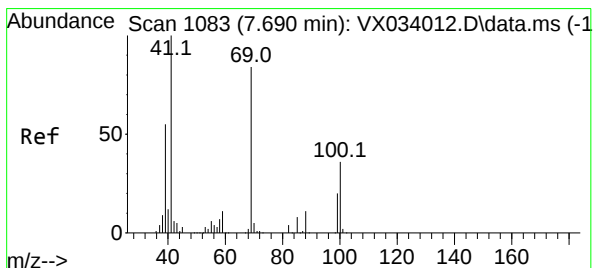
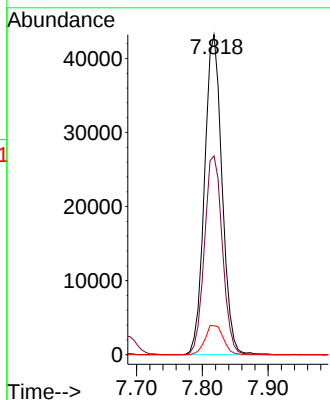
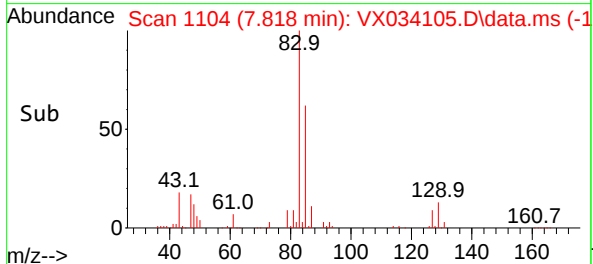
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 79890
Ion Ratio Lower Upper
83 100
85 62.1 49.8 74.6
127 9.1 7.0 10.4

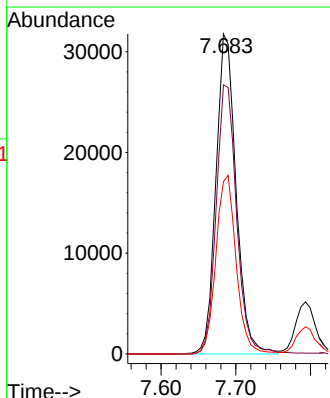
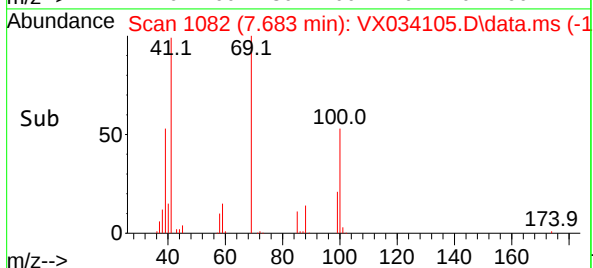
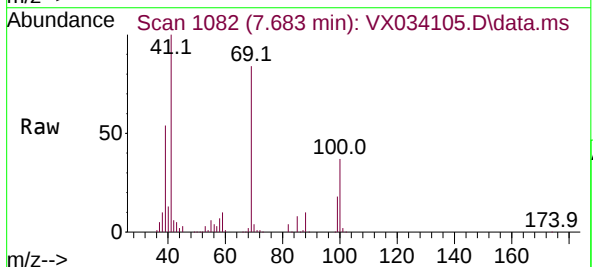
Manual Integrations
APPROVED

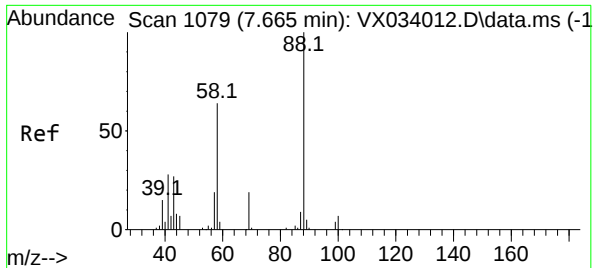
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#48
Methyl methacrylate
Concen: 49.489 ug/l
RT: 7.683 min Scan# 1082
Delta R.T. -0.006 min
Lab File: VX034105.D
Acq: 09 Feb 2023 17:17

Tgt Ion: 41 Resp: 59594
Ion Ratio Lower Upper
41 100
69 85.5 63.1 94.7
39 56.0 43.2 64.8





#49

1,4-Dioxane

Concen: 1117.640 ug/l

RT: 7.659 min Scan# 1079

Delta R.T. -0.006 min

Lab File: VX034105.D

Acq: 09 Feb 2023 17:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 25900

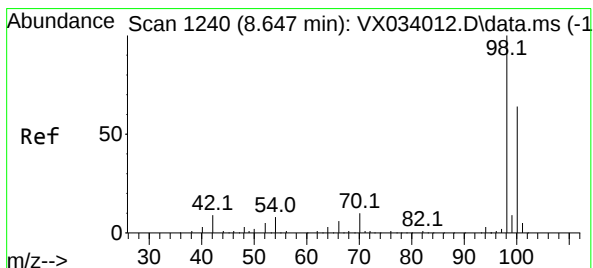
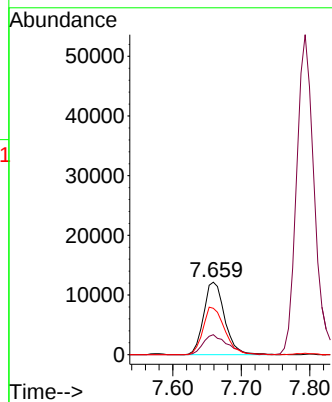
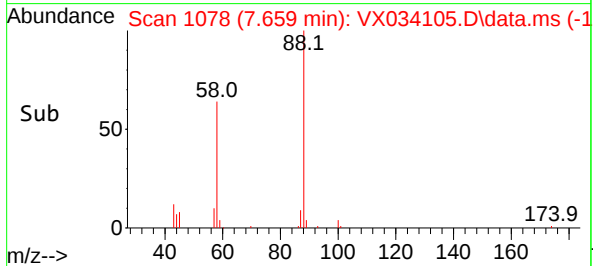
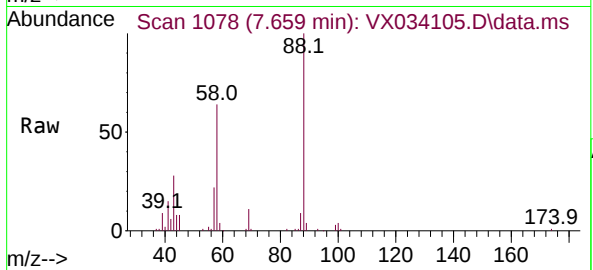
Ion	Ratio	Lower	Upper
88	100		
43	32.0	0.0	0.0
58	67.3	56.5	84.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/10/2023

Supervised By :Semsettin Yesilyurt 02/10/2023



#50

Toluene-d8

Concen: 46.648 ug/l

RT: 8.647 min Scan# 1240

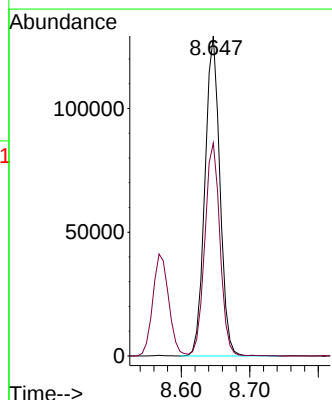
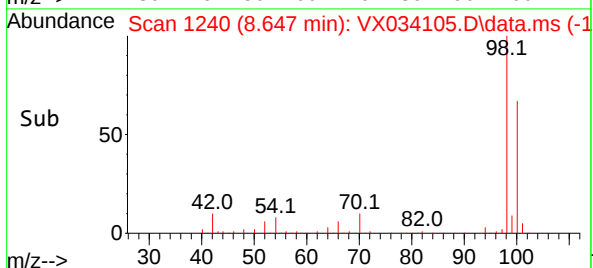
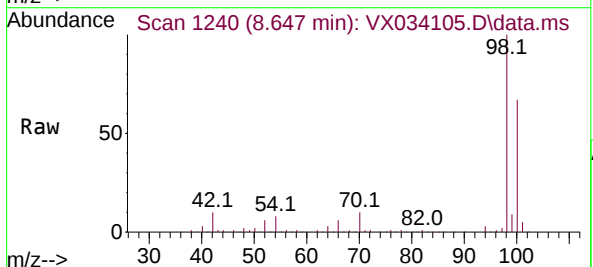
Delta R.T. -0.000 min

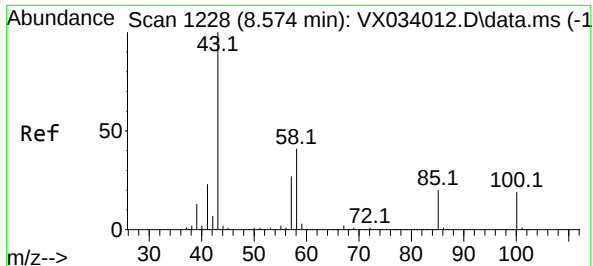
Lab File: VX034105.D

Acq: 09 Feb 2023 17:17

Tgt Ion: 98 Resp: 196795

Ion	Ratio	Lower	Upper
98	100		
100	67.5	53.6	80.4





#51

4-Methyl-2-Pentanone

Concen: 241.307 ug/l

RT: 8.567 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VX034105.D

Acq: 09 Feb 2023 17:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 35301

Ion Ratio Lower Upper

43 100

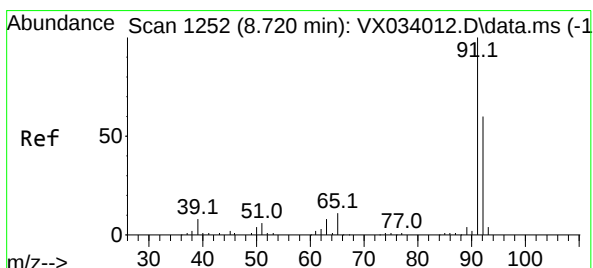
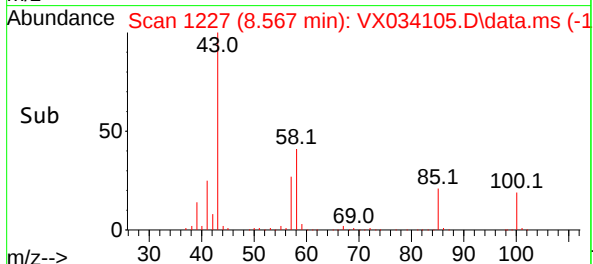
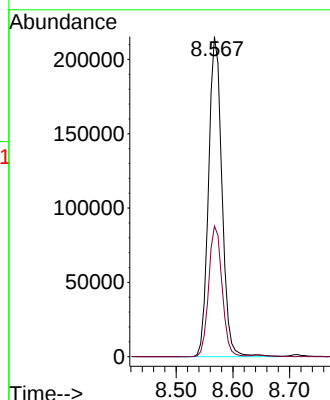
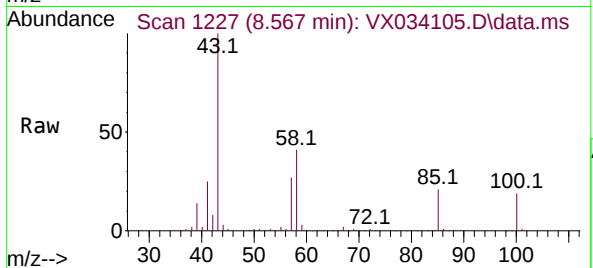
58 40.8 31.2 46.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/10/2023

Supervised By :Semsettin Yesilyurt 02/10/2023



#52

Toluene

Concen: 48.993 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.006 min

Lab File: VX034105.D

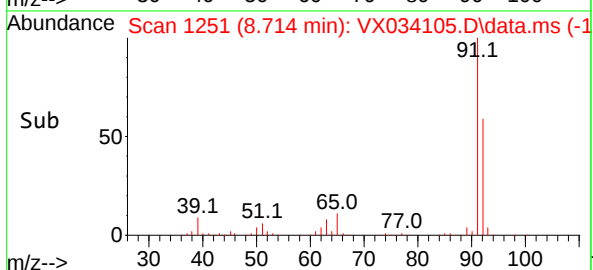
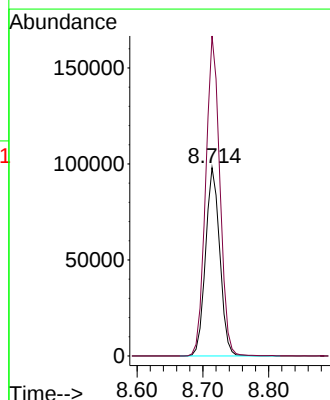
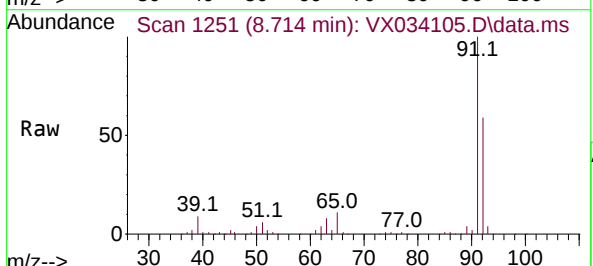
Acq: 09 Feb 2023 17:17

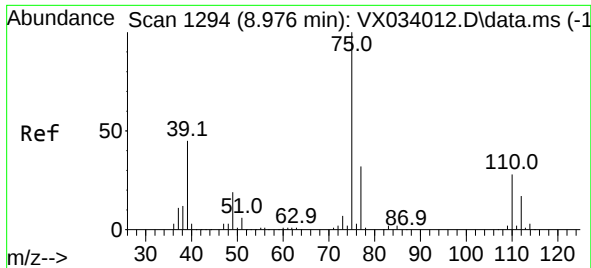
Tgt Ion: 92 Resp: 147484

Ion Ratio Lower Upper

92 100

91 169.8 135.5 203.3





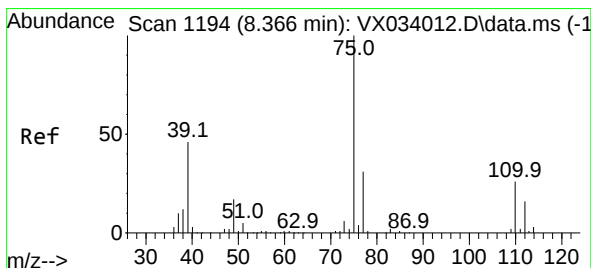
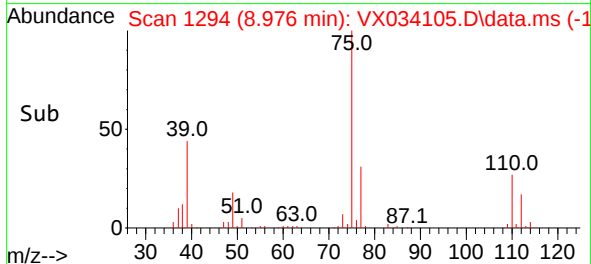
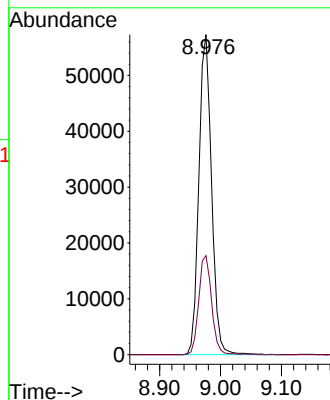
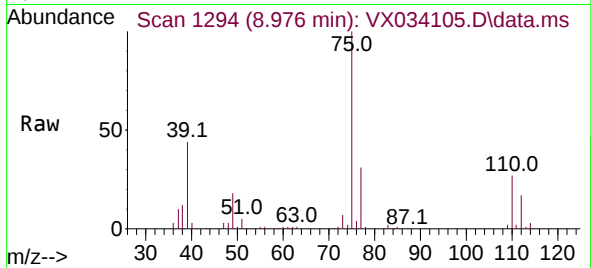
#53
 t-1,3-Dichloropropene
 Concen: 52.858 ug/l
 RT: 8.976 min Scan# 1193
 Delta R.T. -0.000 min
 Lab File: VX034105.D
 Acq: 09 Feb 2023 17:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 75 Resp: 82728
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.5 38.3

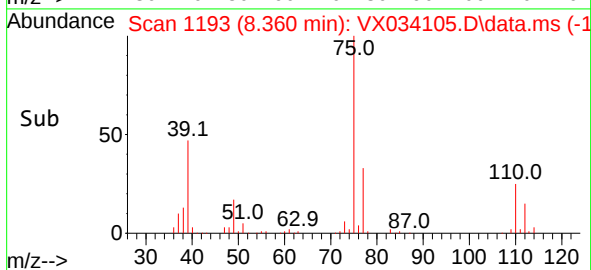
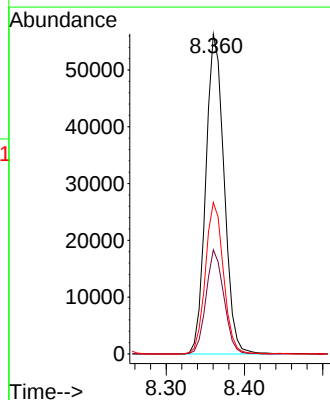
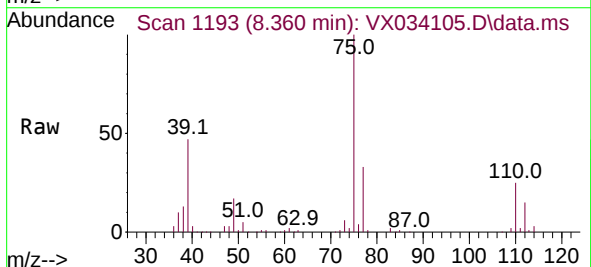
Manual Integrations
 APPROVED

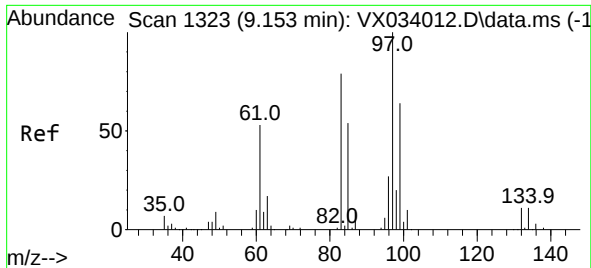
Reviewed By :John Carlone 02/10/2023
 Supervised By :Semsettin Yesilyurt 02/10/2023



#54
 cis-1,3-Dichloropropene
 Concen: 51.243 ug/l
 RT: 8.360 min Scan# 1193
 Delta R.T. -0.006 min
 Lab File: VX034105.D
 Acq: 09 Feb 2023 17:17

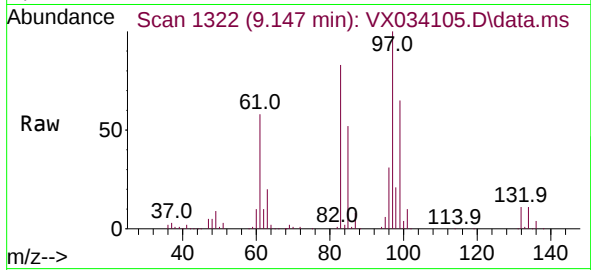
Tgt Ion: 75 Resp: 91246
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.0 37.6
 39 47.3 38.6 58.0





#55
1,1,2-Trichloroethane
Concen: 49.655 ug/l
RT: 9.147 min Scan# 1323
Delta R.T. -0.006 min
Lab File: VX034105.D
Acq: 09 Feb 2023 17:17

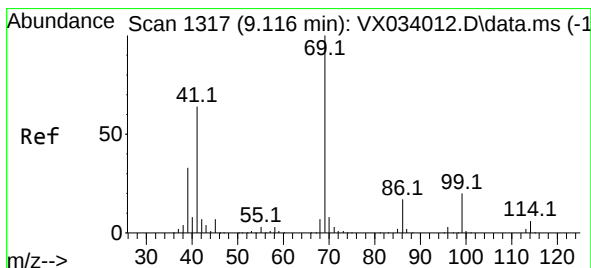
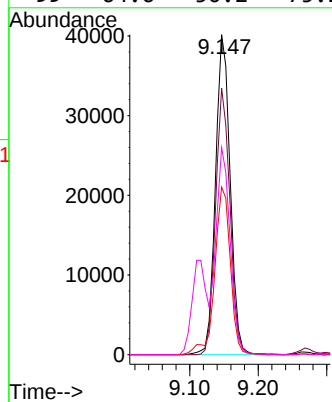
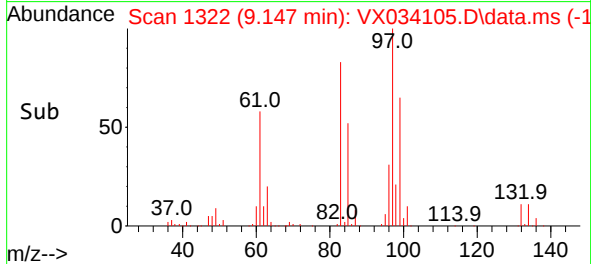
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 97 Resp: 59708
Ion Ratio Lower Upper
97 100
83 83.3 67.4 101.0
85 52.4 43.2 64.8
99 64.6 50.2 75.2

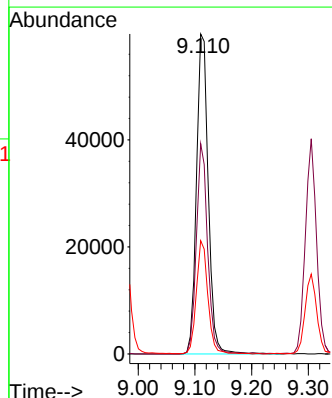
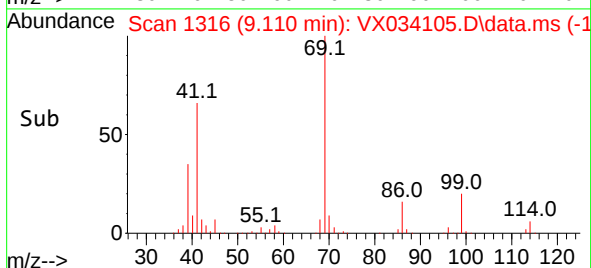
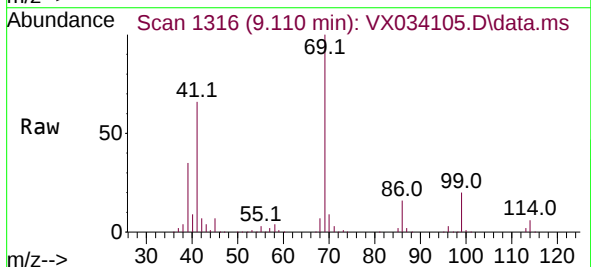
Manual Integrations
APPROVED

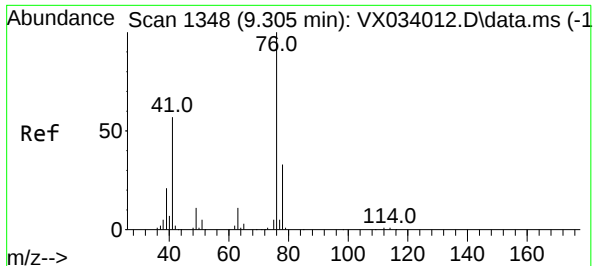
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#56
Ethyl methacrylate
Concen: 51.346 ug/l
RT: 9.110 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VX034105.D
Acq: 09 Feb 2023 17:17

Tgt Ion: 69 Resp: 86228
Ion Ratio Lower Upper
69 100
41 62.9 55.1 82.7
39 34.8 28.5 42.7





#57

1,3-Dichloropropane

Concen: 49.060 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX034105.D

Acq: 09 Feb 2023 17:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 9636

Ion Ratio Lower Upper

76 100

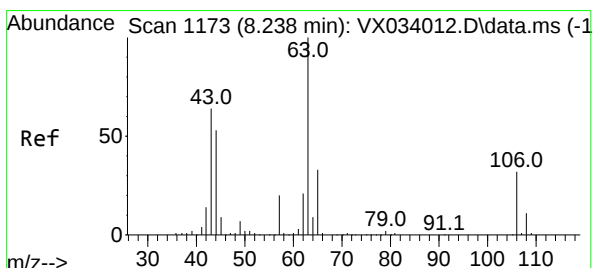
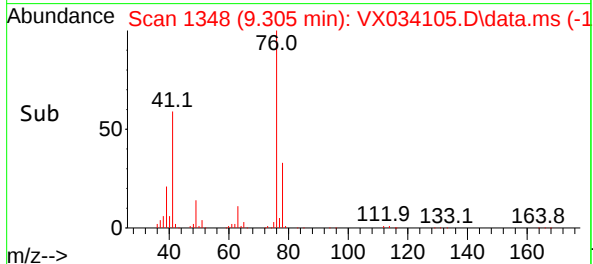
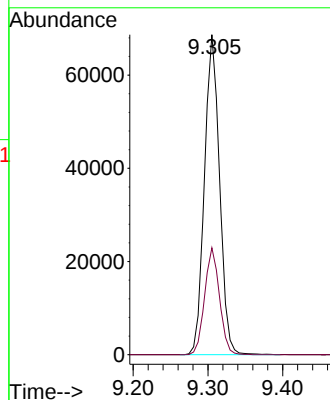
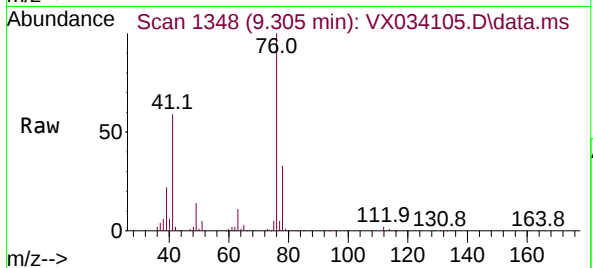
78 32.8 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/10/2023

Supervised By :Semsettin Yesilyurt 02/10/2023



#58

2-Chloroethyl Vinyl ether

Concen: 240.323 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX034105.D

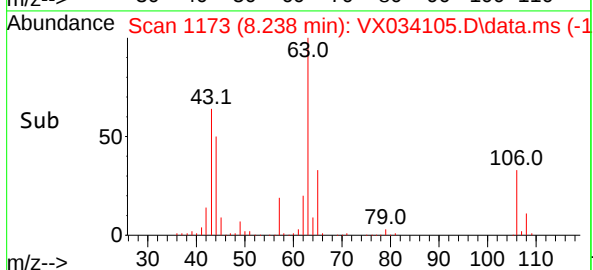
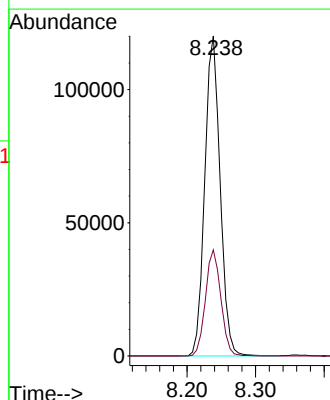
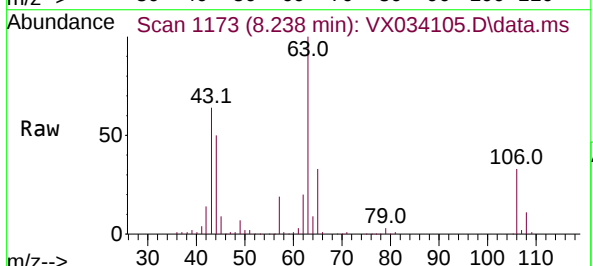
Acq: 09 Feb 2023 17:17

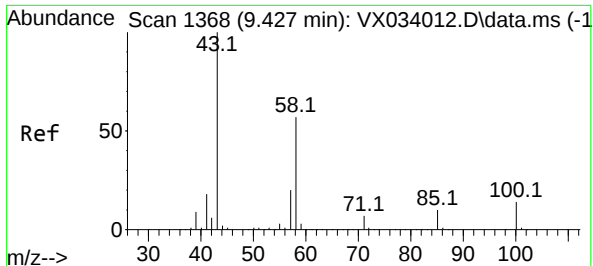
Tgt Ion: 63 Resp: 187778

Ion Ratio Lower Upper

63 100

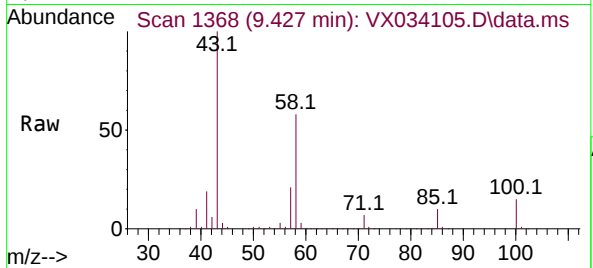
106 33.1 24.5 36.7





#59
2-Hexanone
Concen: 244.426 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX034105.D
Acq: 09 Feb 2023 17:17

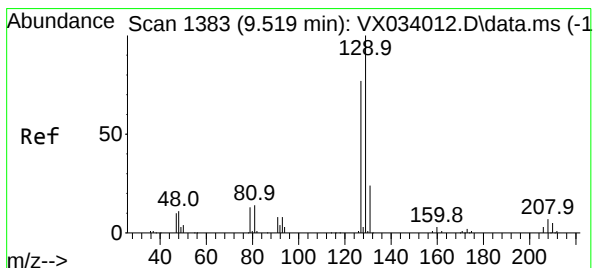
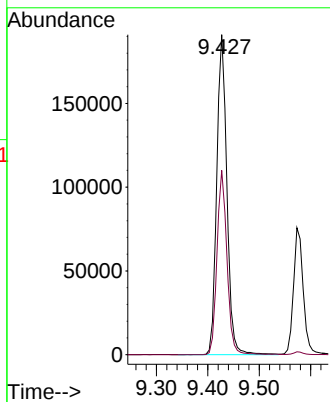
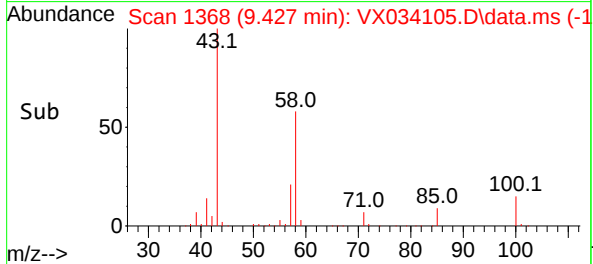
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 26168
Ion Ratio Lower Upper
43 100
58 56.4 27.4 82.0

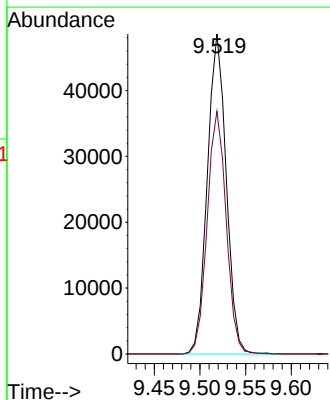
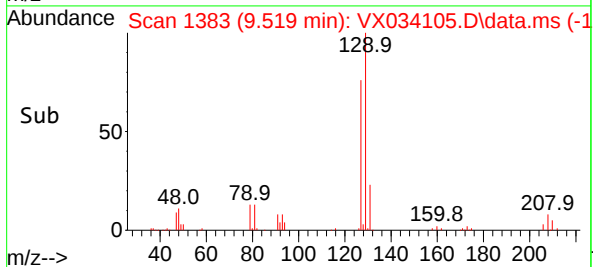
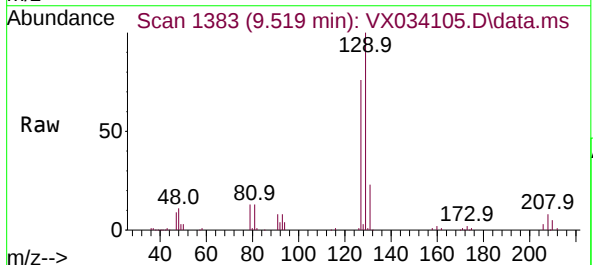
Manual Integrations
APPROVED

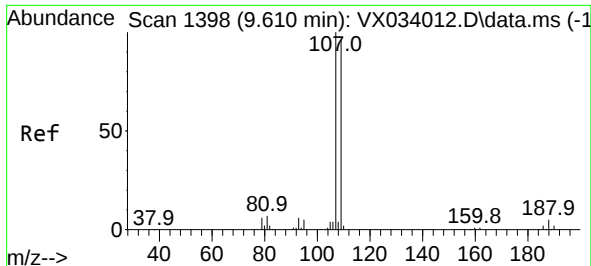
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#60
Dibromochloromethane
Concen: 52.341 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX034105.D
Acq: 09 Feb 2023 17:17

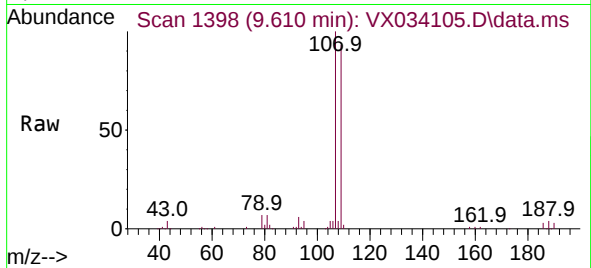
Tgt Ion:129 Resp: 69751
Ion Ratio Lower Upper
129 100
127 76.2 38.8 116.3





#61
1,2-Dibromoethane
Concen: 49.616 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX034105.D
Acq: 09 Feb 2023 17:17

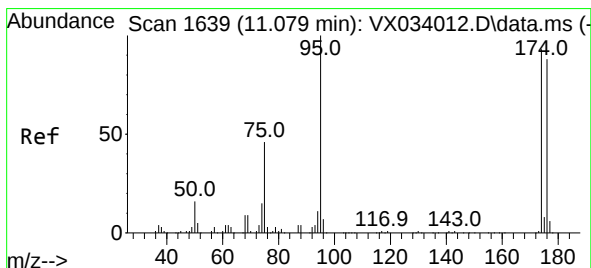
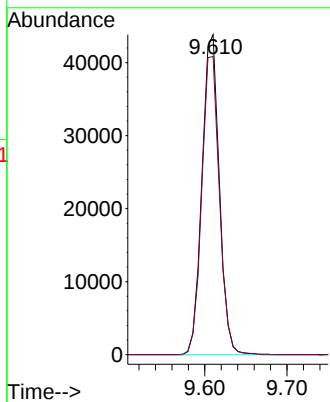
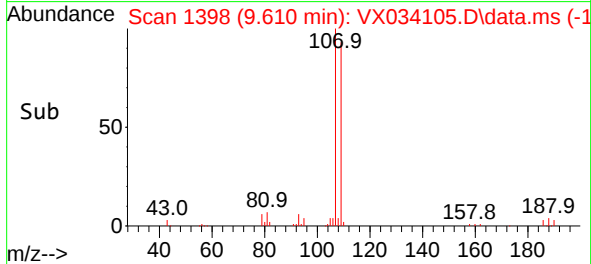
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 64150
Ion Ratio Lower Upper
107 100
109 94.9 74.2 111.2

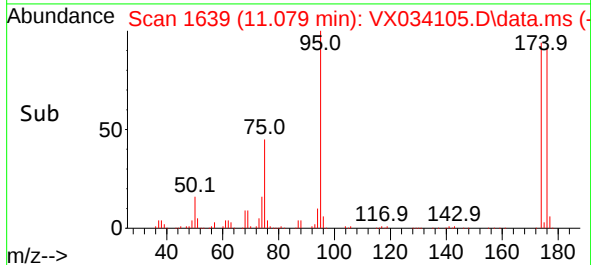
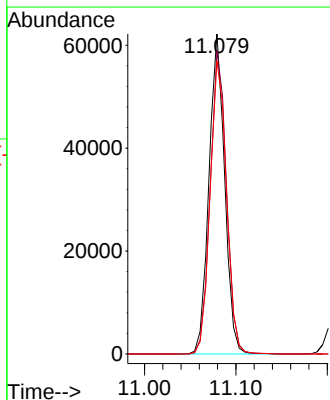
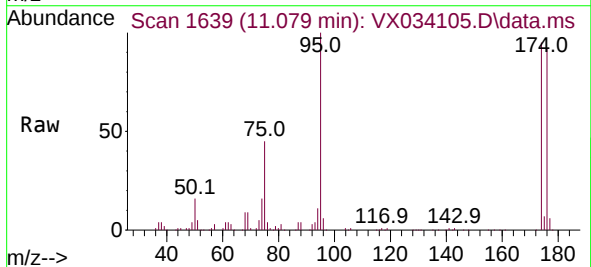
Manual Integrations
APPROVED

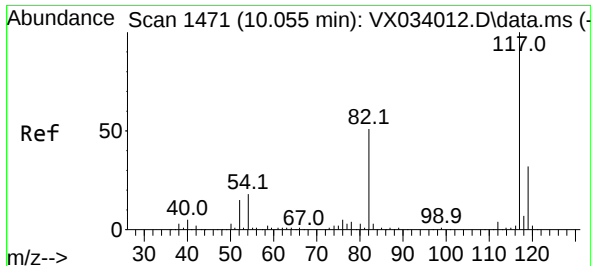
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#62
4-Bromofluorobenzene
Concen: 49.030 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034105.D
Acq: 09 Feb 2023 17:17

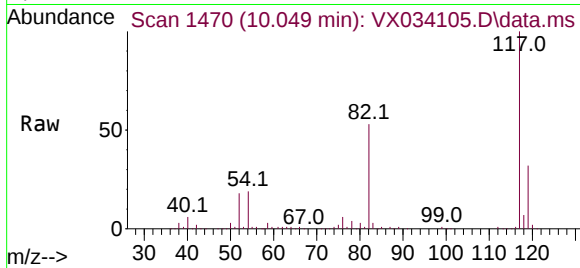
Tgt Ion: 95 Resp: 73874
Ion Ratio Lower Upper
95 100
174 98.3 0.0 184.4
176 95.7 0.0 178.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX034105.D
Acq: 09 Feb 2023 17:17

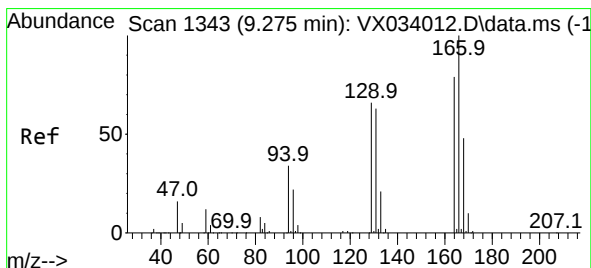
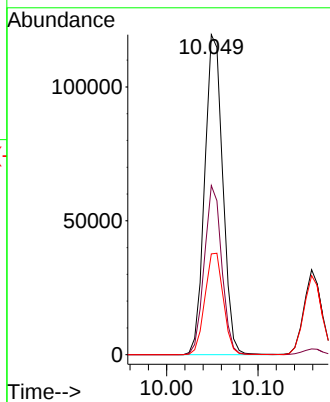
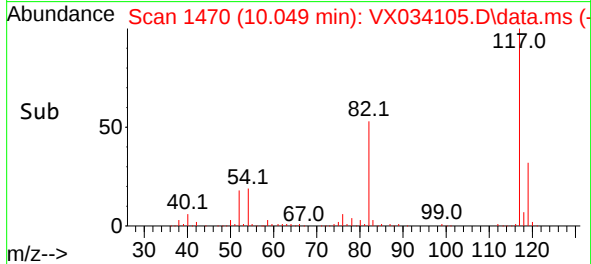
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



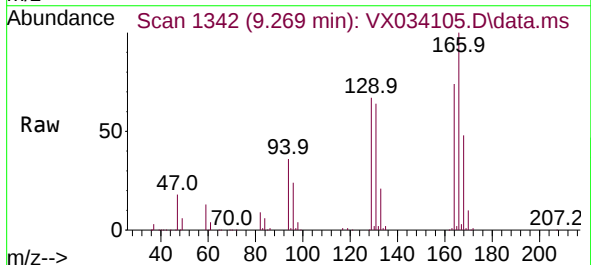
Tgt Ion:117 Resp: 163484
Ion Ratio Lower Upper
117 100
82 52.8 40.6 60.8
119 31.5 25.6 38.4

Manual Integrations
APPROVED

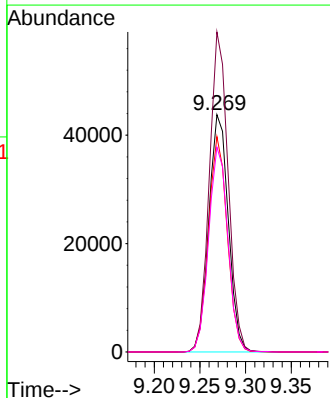
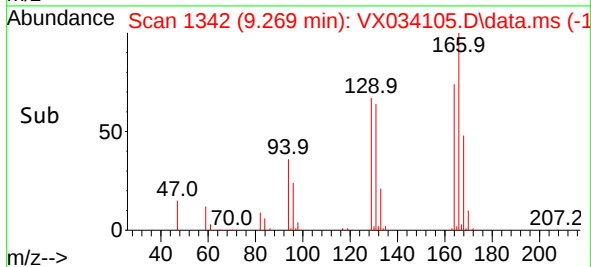
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023

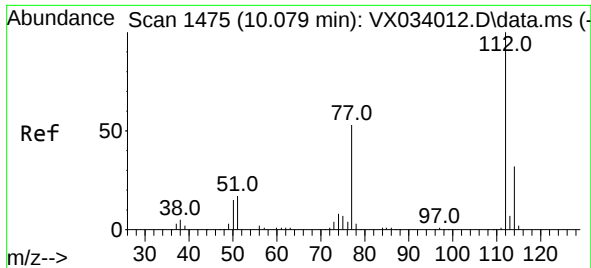


#64
Tetrachloroethene
Concen: 47.693 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX034105.D
Acq: 09 Feb 2023 17:17



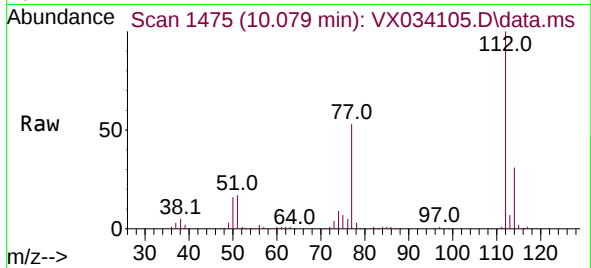
Tgt Ion:164 Resp: 65105
Ion Ratio Lower Upper
164 100
166 134.9 100.2 150.2
129 90.8 69.2 103.8
131 86.3 67.2 100.8





#65
Chlorobenzene
Concen: 49.191 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX034105.D
Acq: 09 Feb 2023 17:17

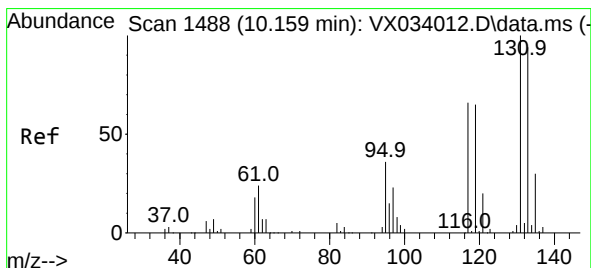
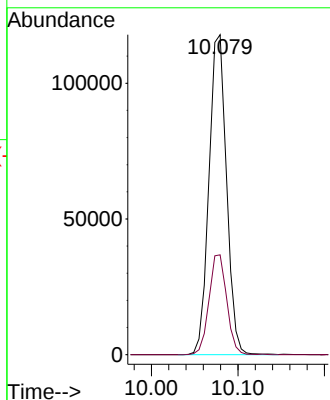
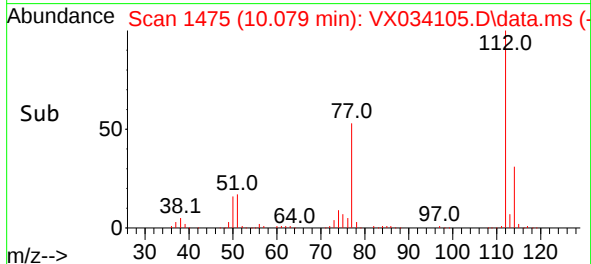
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



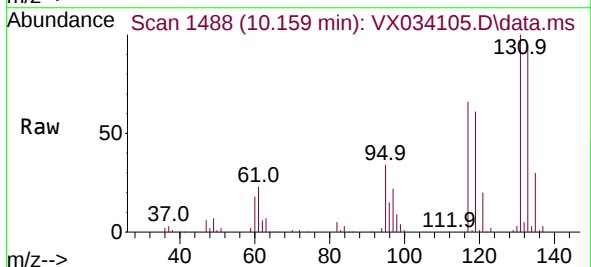
Tgt Ion:112 Resp: 166088
Ion Ratio Lower Upper
112 100
114 31.2 26.2 39.4

Manual Integrations
APPROVED

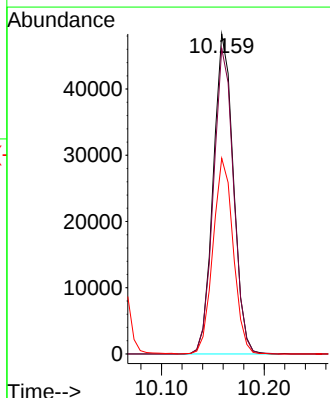
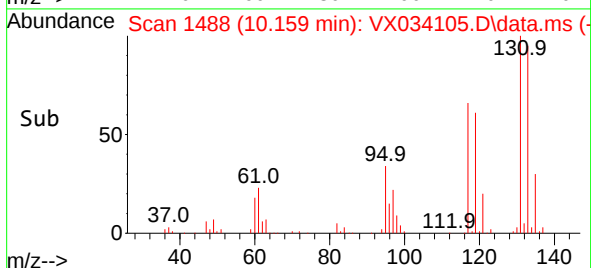
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023

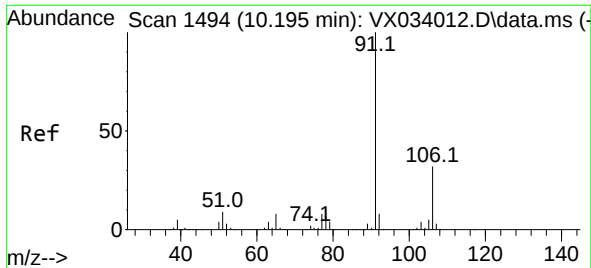


#66
1,1,1,2-Tetrachloroethane
Concen: 51.327 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX034105.D
Acq: 09 Feb 2023 17:17



Tgt Ion:131 Resp: 65488
Ion Ratio Lower Upper
131 100
133 95.6 48.4 145.0
119 61.5 31.9 95.7





#67

Ethyl Benzene

Concen: 49.759 ug/l

RT: 10.189 min Scan# 1494

Delta R.T. -0.006 min

Lab File: VX034105.D

Acq: 09 Feb 2023 17:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 284364

Ion Ratio Lower Upper

91 100

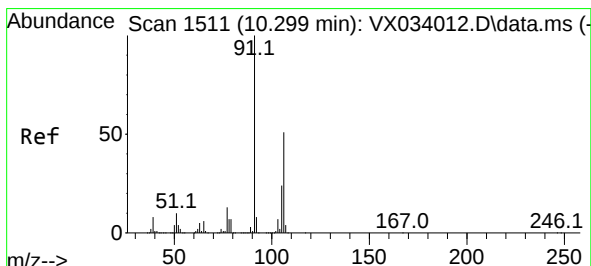
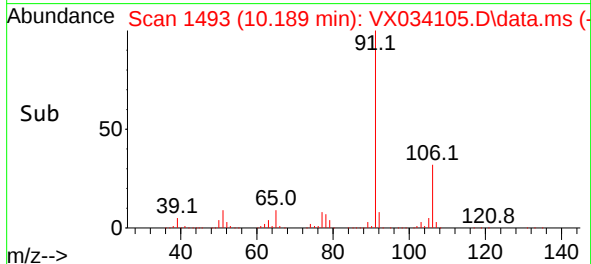
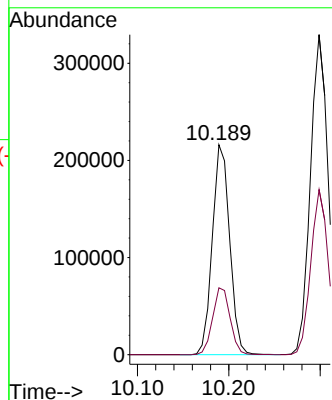
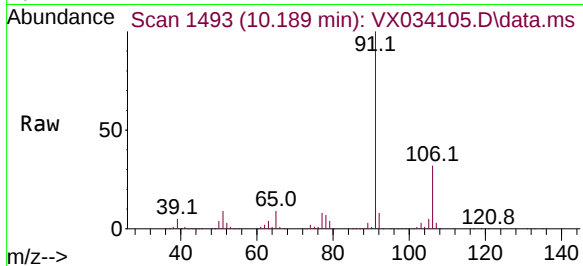
106 31.8 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/10/2023

Supervised By :Semsettin Yesilyurt 02/10/2023



#68

m/p-Xylenes

Concen: 99.502 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX034105.D

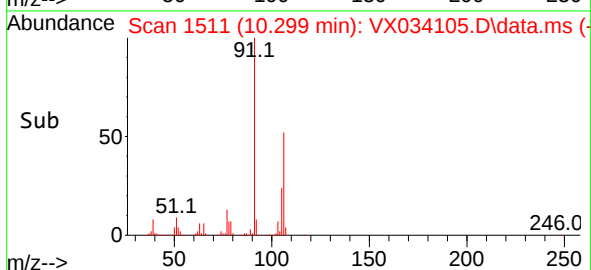
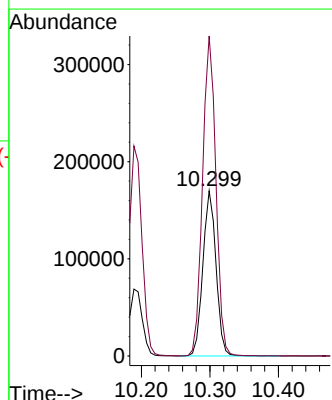
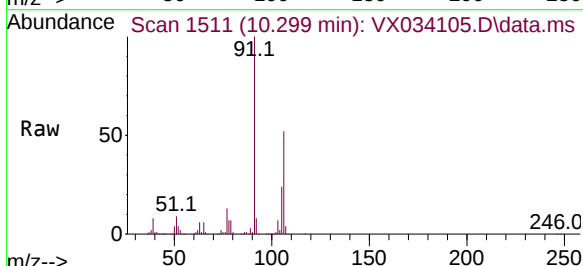
Acq: 09 Feb 2023 17:17

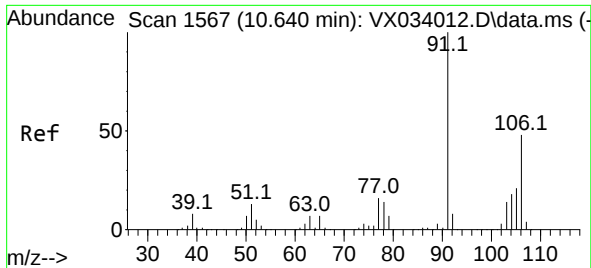
Tgt Ion:106 Resp: 227297

Ion Ratio Lower Upper

106 100

91 196.2 156.4 234.6





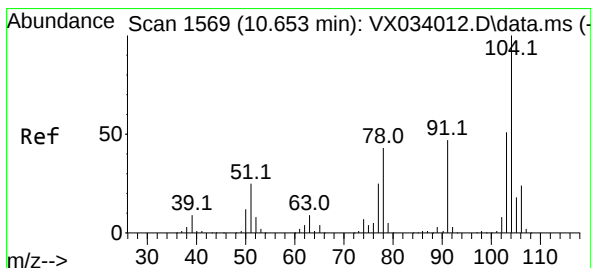
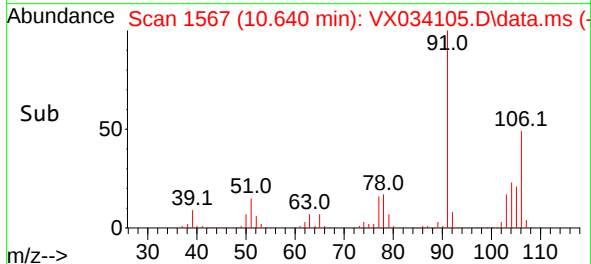
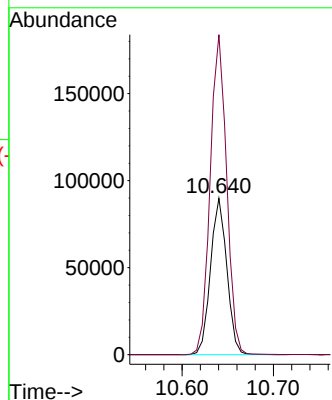
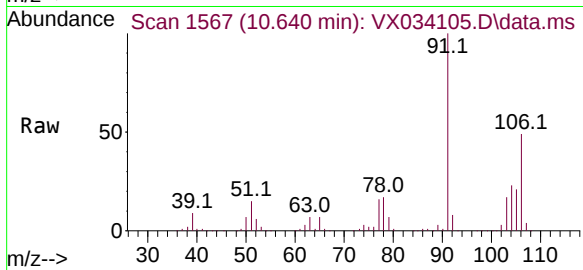
#69
o-Xylene
Concen: 50.756 ug/l
RT: 10.640 min Scan# 11135
Delta R.T. -0.000 min
Lab File: VX034105.D
Acq: 09 Feb 2023 17:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 11135
Ion Ratio Lower Upper
106 100
91 206.5 103.1 309.3

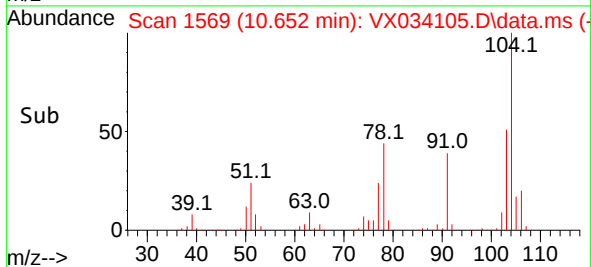
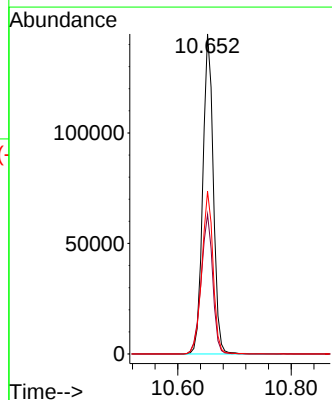
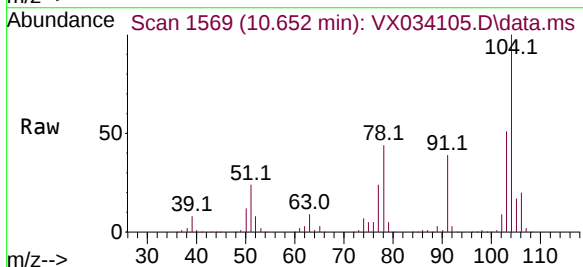
Manual Integrations
APPROVED

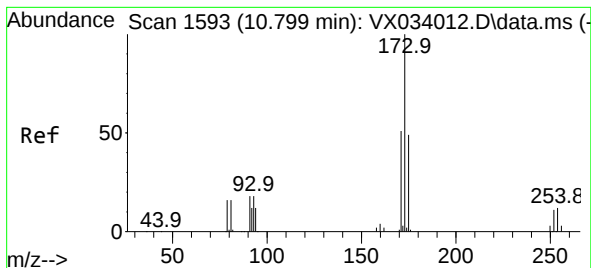
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#70
Styrene
Concen: 51.595 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX034105.D
Acq: 09 Feb 2023 17:17

Tgt Ion:104 Resp: 186432
Ion Ratio Lower Upper
104 100
78 47.8 37.5 56.3
103 54.4 43.3 64.9





#71

Bromoform

Concen: 53.840 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX034105.D

Acq: 09 Feb 2023 17:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 56034

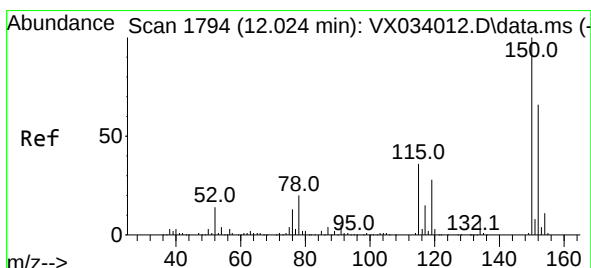
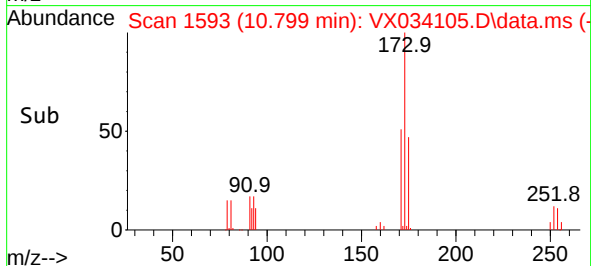
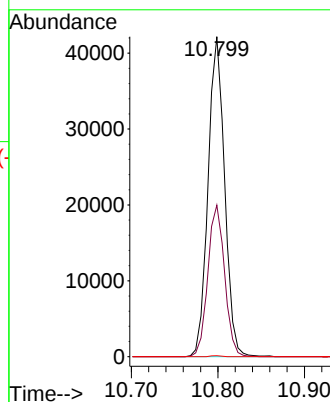
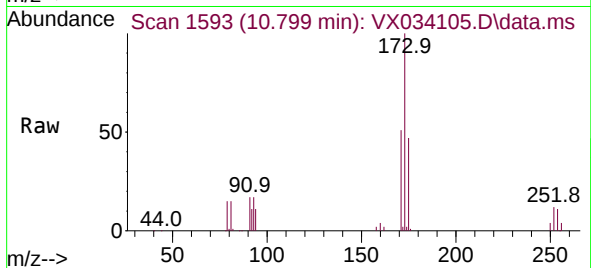
Ion	Ratio	Lower	Upper
173	100		
175	47.9	24.1	72.3
254	0.2	0.1	0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/10/2023

Supervised By :Semsettin Yesilyurt 02/10/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

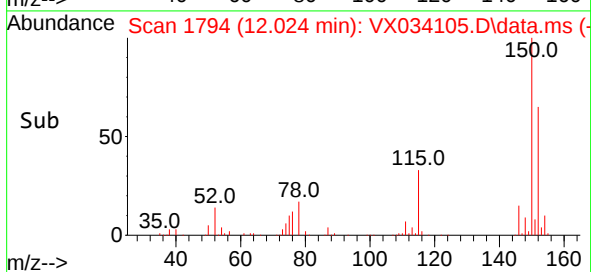
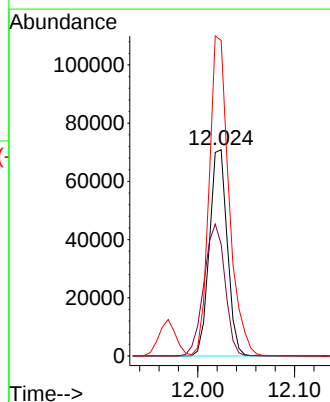
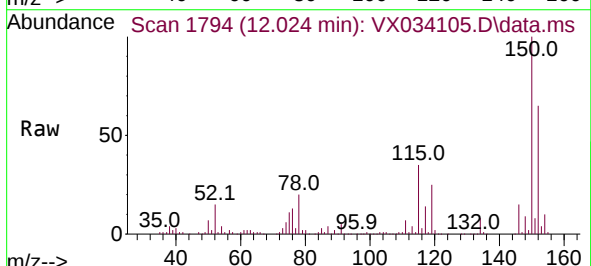
Delta R.T. -0.000 min

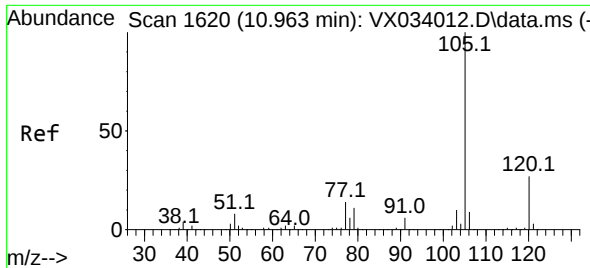
Lab File: VX034105.D

Acq: 09 Feb 2023 17:17

Tgt Ion:152 Resp: 91087

Ion	Ratio	Lower	Upper
152	100		
115	75.3	38.7	116.1
150	172.0	0.0	348.2





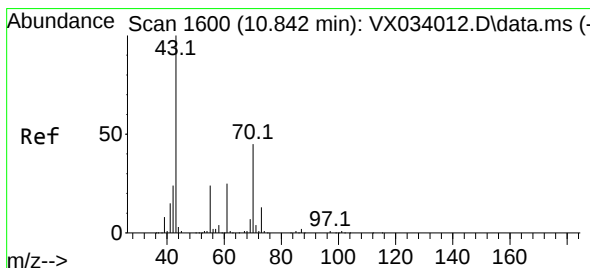
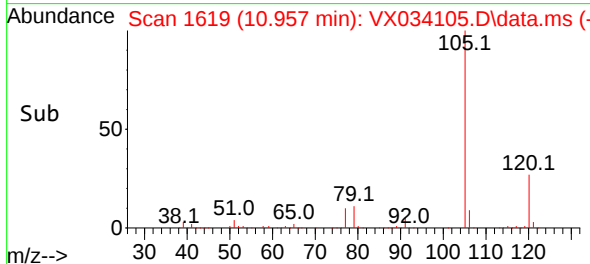
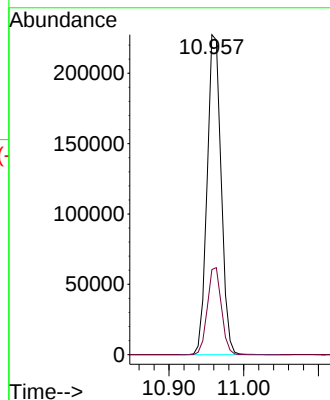
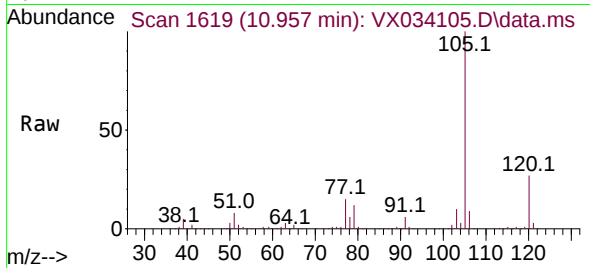
#73
Isopropylbenzene
Concen: 48.508 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX034105.D
Acq: 09 Feb 2023 17:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 295292
Ion Ratio Lower Upper
105 100
120 27.3 13.6 40.8

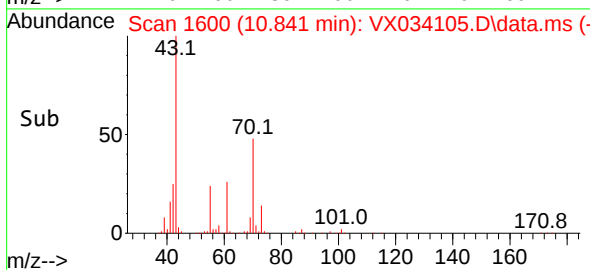
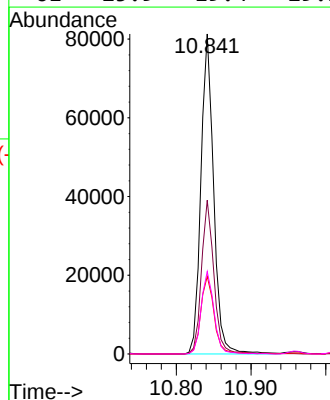
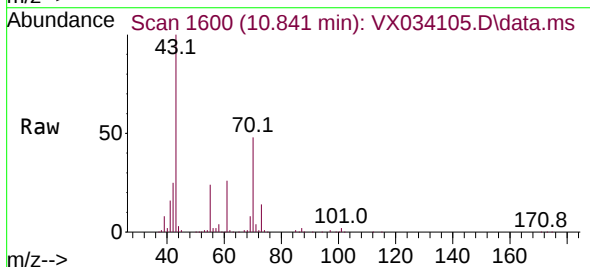
Manual Integrations
APPROVED

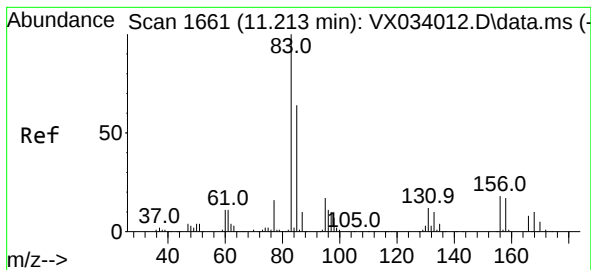
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#74
N-ethyl acetate
Concen: 48.023 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX034105.D
Acq: 09 Feb 2023 17:17

Tgt Ion: 43 Resp: 96307
Ion Ratio Lower Upper
43 100
70 47.2 34.8 52.2
55 25.2 19.4 29.0
61 25.9 19.4 29.2





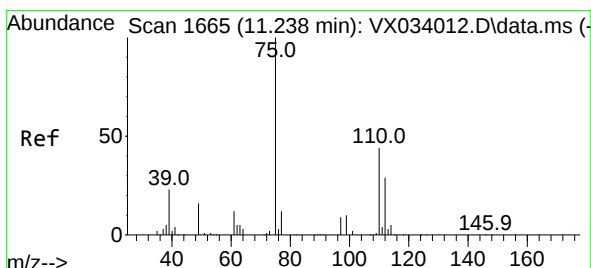
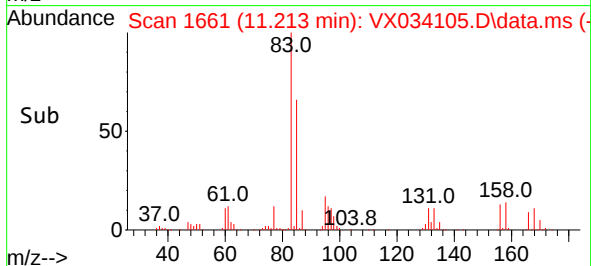
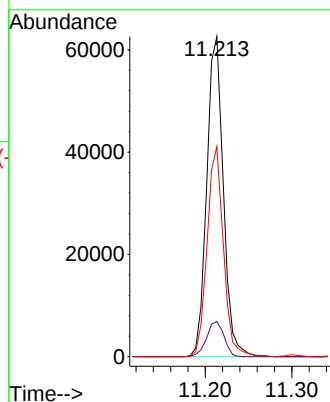
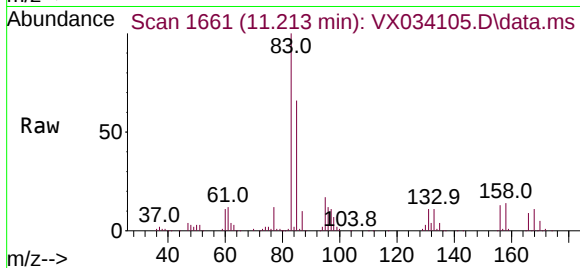
#75
1,1,2,2-Tetrachloroethane
Concen: 45.380 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX034105.D
Acq: 09 Feb 2023 17:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 8312
Ion Ratio Lower Upper
83 100
131 11.6 5.5 16.7
85 64.7 32.3 96.9

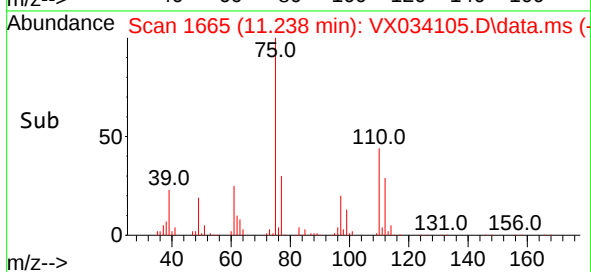
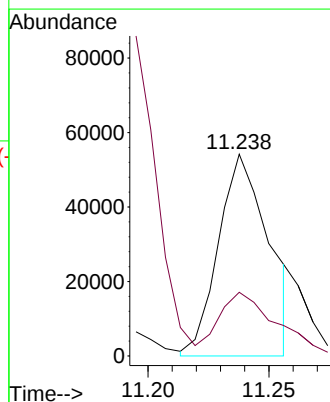
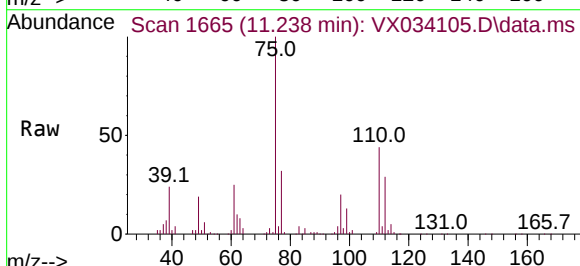
Manual Integrations
APPROVED

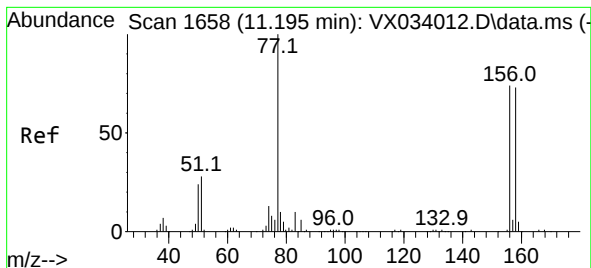
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#76
1,2,3-Trichloropropane
Concen: 50.237 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX034105.D
Acq: 09 Feb 2023 17:17

Tgt Ion: 75 Resp: 78572
Ion Ratio Lower Upper
75 100
77 36.5 21.8 65.4





#77

Bromobenzene

Concen: 47.810 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX034105.D

Acq: 09 Feb 2023 17:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

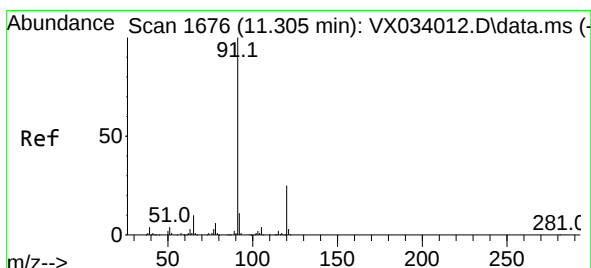
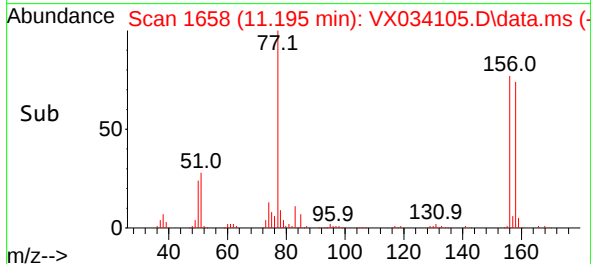
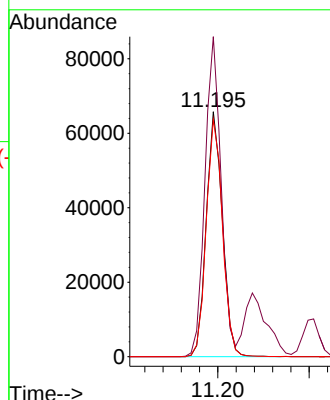
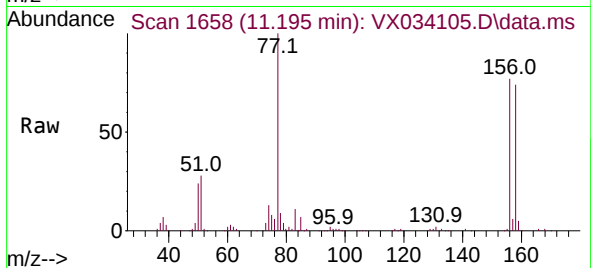
Tgt Ion:	156	Resp:	80700
Ion Ratio	Lower	Upper	
156	100		
77	130.1	68.1	204.3
158	97.7	48.0	144.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/10/2023

Supervised By :Semsettin Yesilyurt 02/10/2023



#78

n-propylbenzene

Concen: 49.238 ug/l

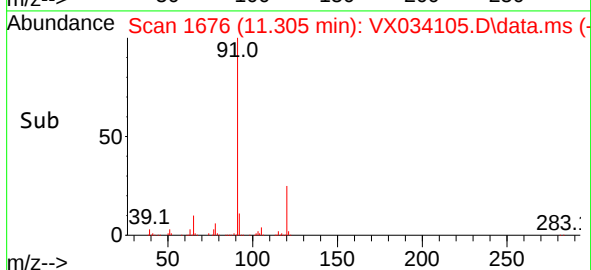
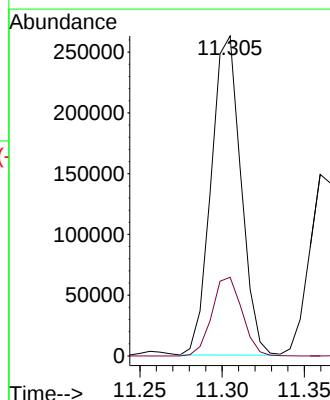
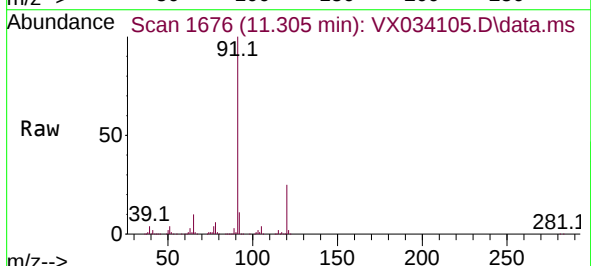
RT: 11.305 min Scan# 1676

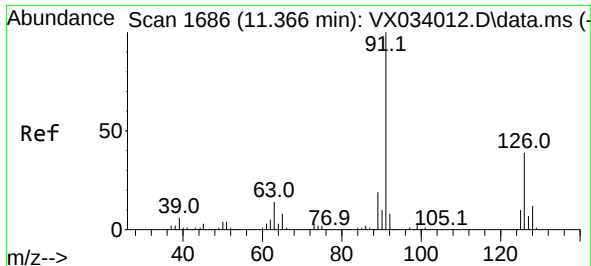
Delta R.T. -0.000 min

Lab File: VX034105.D

Acq: 09 Feb 2023 17:17

Tgt Ion:	91	Resp:	331416
Ion Ratio	Lower	Upper	
91	100		
120	25.0	12.3	36.8





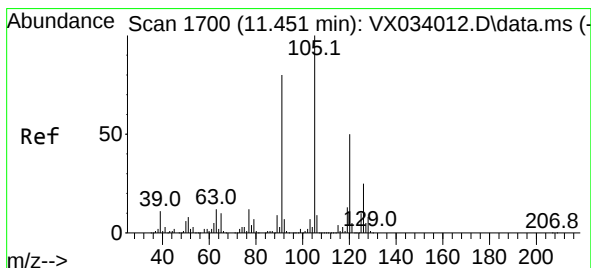
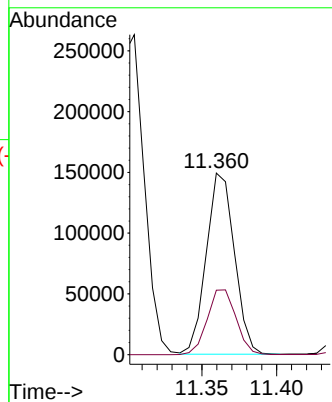
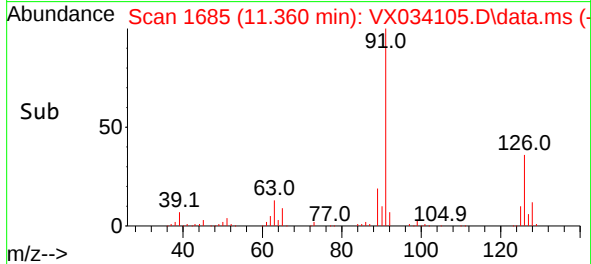
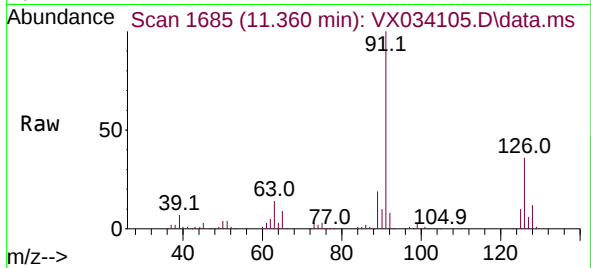
#79
2-Chlorotoluene
Concen: 47.869 ug/l
RT: 11.360 min Scan# 1686
Delta R.T. -0.006 min
Lab File: VX034105.D
Acq: 09 Feb 2023 17:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 19509
Ion Ratio Lower Upper
91 100
126 36.7 18.1 54.1

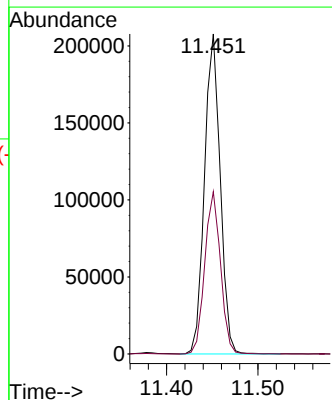
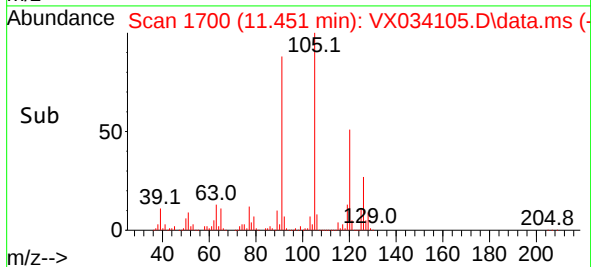
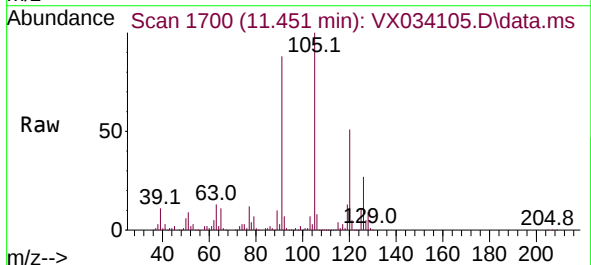
Manual Integrations
APPROVED

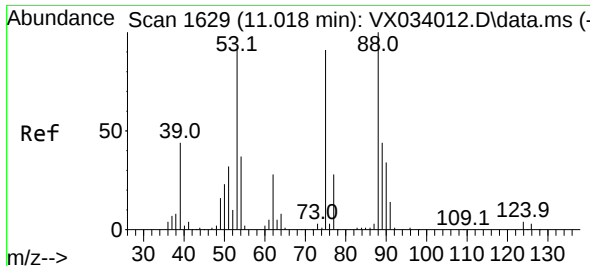
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#80
1,3,5-Trimethylbenzene
Concen: 48.836 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX034105.D
Acq: 09 Feb 2023 17:17

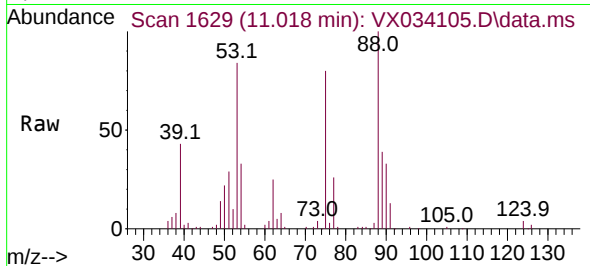
Tgt Ion:105 Resp: 247458
Ion Ratio Lower Upper
105 100
120 50.9 25.6 76.8





#81
trans-1,4-Dichloro-2-butene
Concen: 47.322 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX034105.D
Acq: 09 Feb 2023 17:17

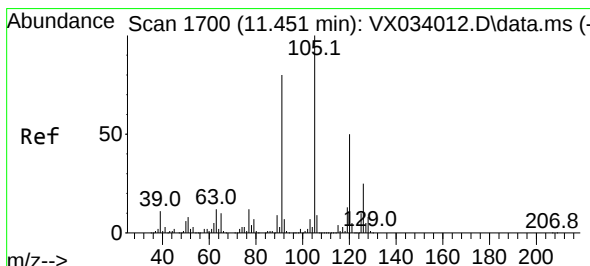
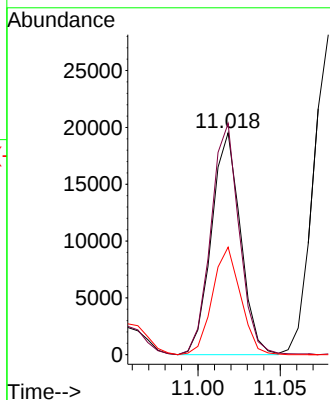
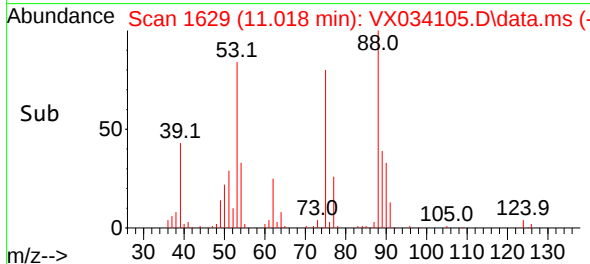
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 2403
Ion Ratio Lower Upper
75 100
53 102.3 83.0 124.6
89 46.9 37.7 56.5

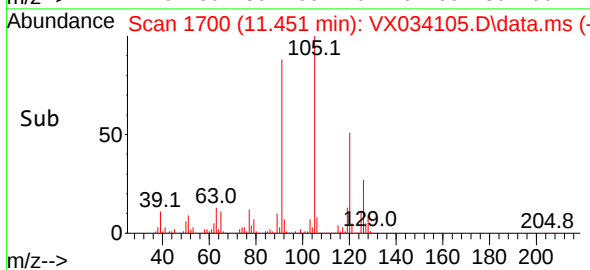
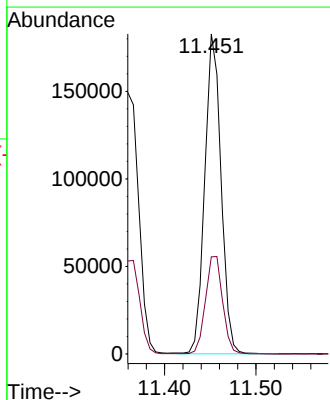
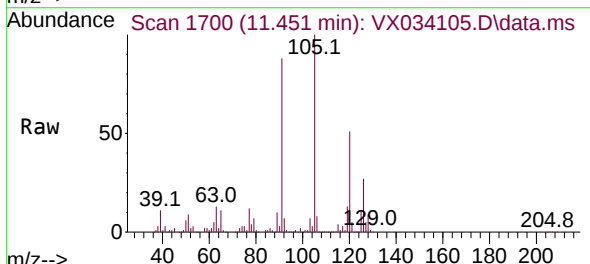
Manual Integrations
APPROVED

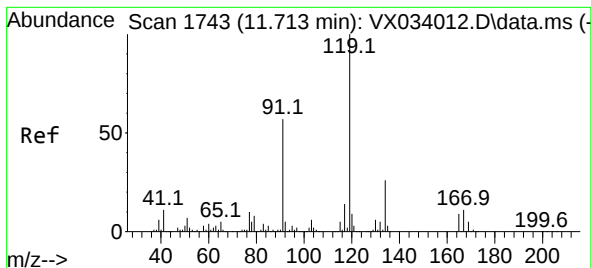
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#82
4-Chlorotoluene
Concen: 48.891 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX034105.D
Acq: 09 Feb 2023 17:17

Tgt Ion: 91 Resp: 225365
Ion Ratio Lower Upper
91 100
126 32.3 15.8 47.4





#83

tert-Butylbenzene

Concen: 48.547 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX034105.D

Acq: 09 Feb 2023 17:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

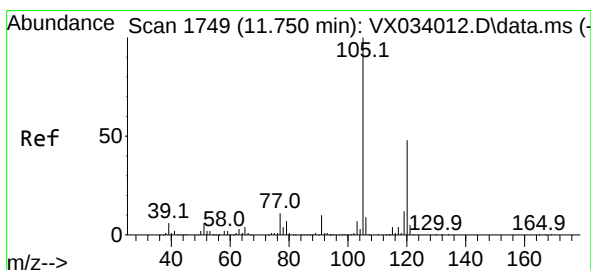
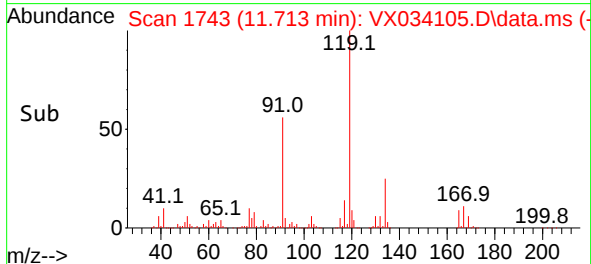
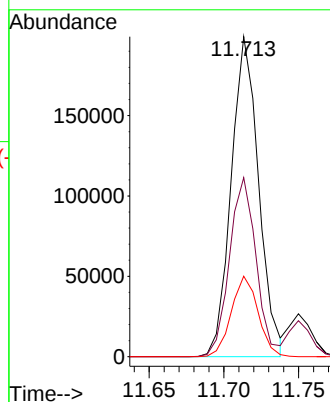
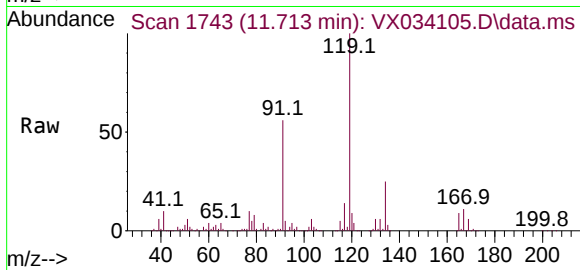
Tgt Ion:	119	Resp:	25414
Ion Ratio	Lower	Upper	
119	100		
91	54.5	26.9	80.7
134	24.5	12.3	36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/10/2023

Supervised By :Semsettin Yesilyurt 02/10/2023



#84

1,2,4-Trimethylbenzene

Concen: 49.523 ug/l

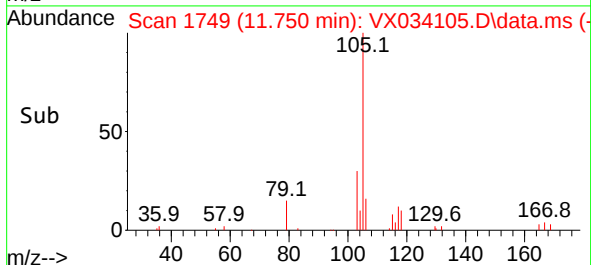
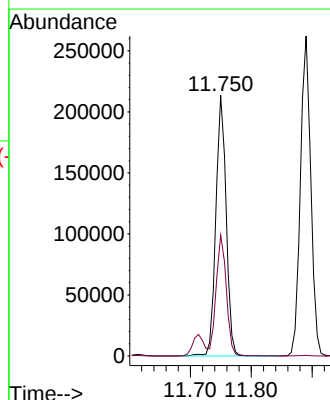
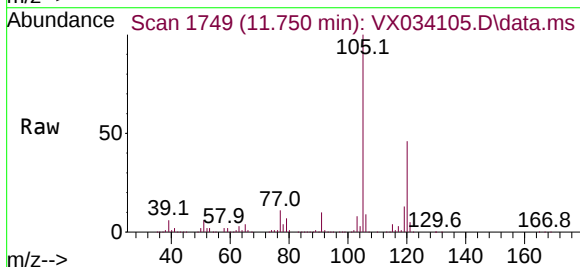
RT: 11.750 min Scan# 1749

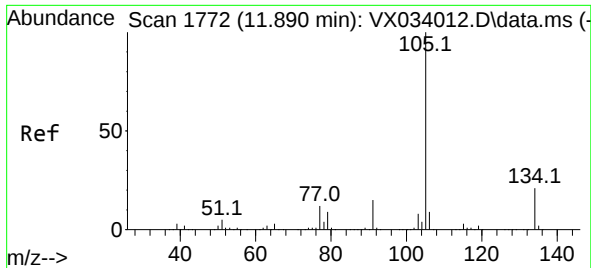
Delta R.T. -0.000 min

Lab File: VX034105.D

Acq: 09 Feb 2023 17:17

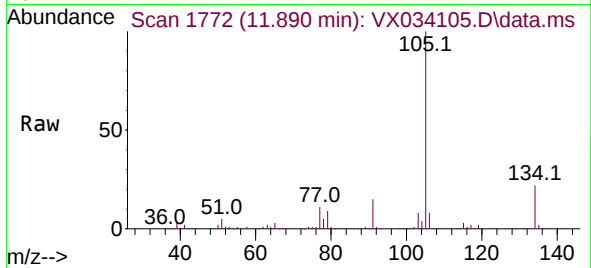
Tgt Ion:	105	Resp:	250698
Ion Ratio	Lower	Upper	
105	100		
120	45.5	23.4	70.2





#85
 sec-Butylbenzene
 Concen: 49.647 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX034105.D
 Acq: 09 Feb 2023 17:17

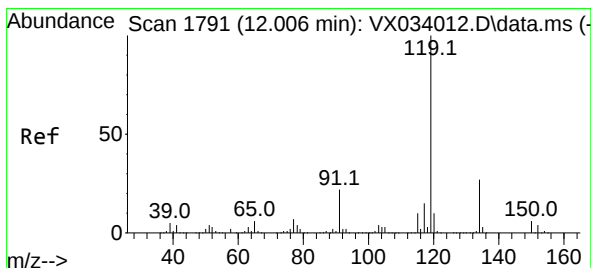
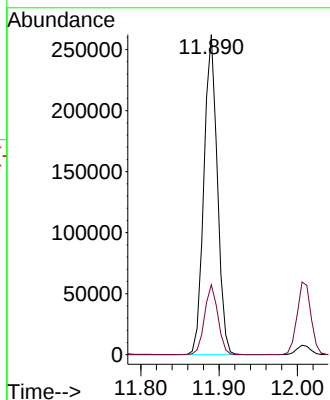
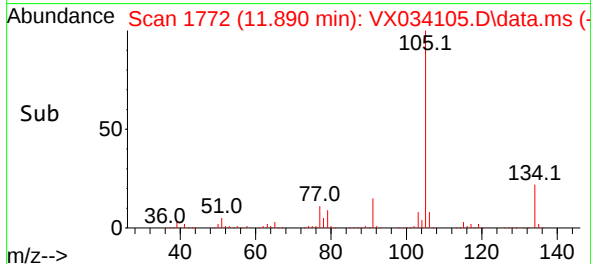
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



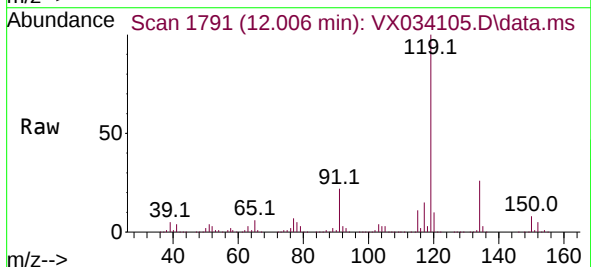
Tgt Ion:105 Resp: 31096
 Ion Ratio Lower Upper
 105 100
 134 21.7 10.8 32.3

Manual Integrations
 APPROVED

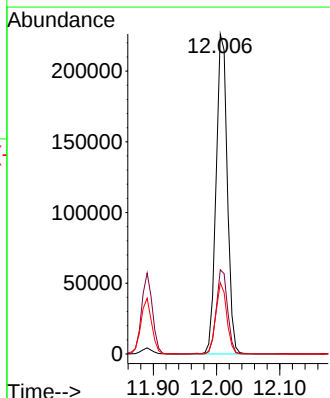
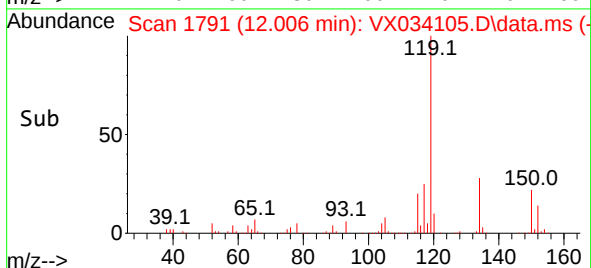
Reviewed By :John Carlone 02/10/2023
 Supervised By :Semsettin Yesilyurt 02/10/2023

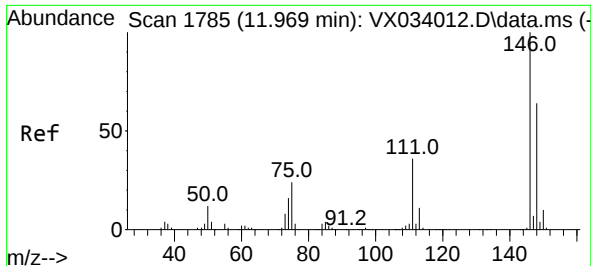


#86
 p-Isopropyltoluene
 Concen: 50.356 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX034105.D
 Acq: 09 Feb 2023 17:17



Tgt Ion:119 Resp: 276627
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.6 40.8
 91 21.8 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 48.048 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX034105.D

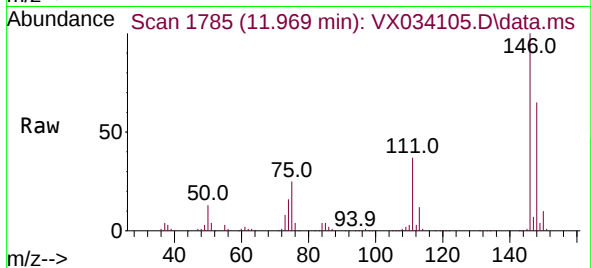
Acq: 09 Feb 2023 17:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion:146 Resp: 148829

Ion Ratio Lower Upper

146 100

111 37.2 18.6 55.6

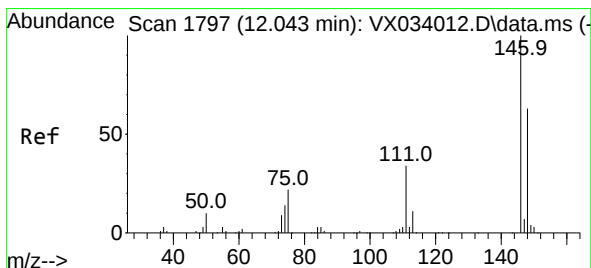
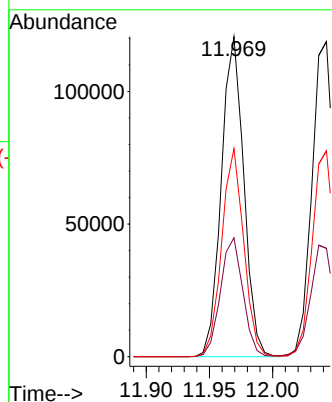
148 63.7 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/10/2023

Supervised By :Semsettin Yesilyurt 02/10/2023



#88

1,4-Dichlorobenzene

Concen: 47.508 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX034105.D

Acq: 09 Feb 2023 17:17

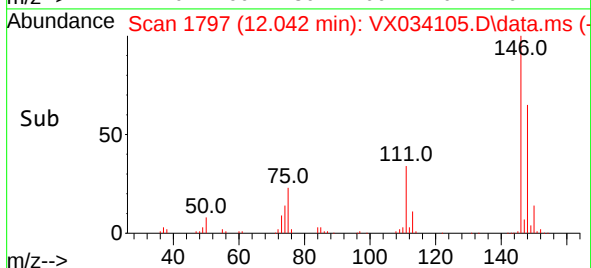
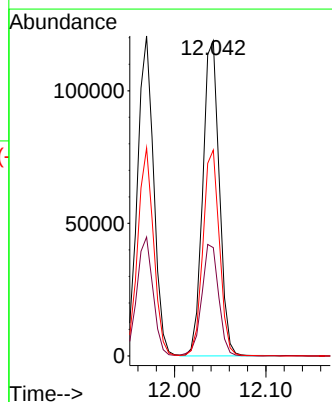
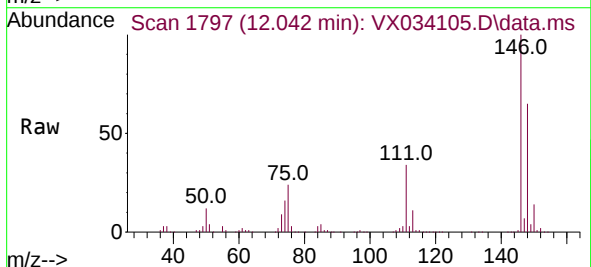
Tgt Ion:146 Resp: 149399

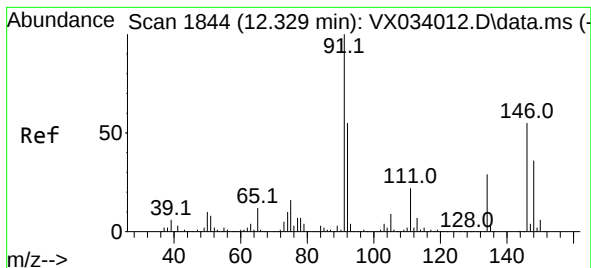
Ion Ratio Lower Upper

146 100

111 36.3 17.8 53.4

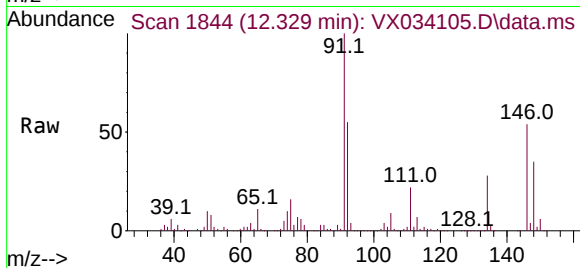
148 65.2 32.1 96.3





#89
n-Butylbenzene
Concen: 50.610 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX034105.D
Acq: 09 Feb 2023 17:17

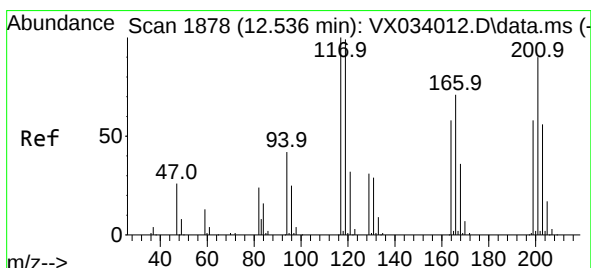
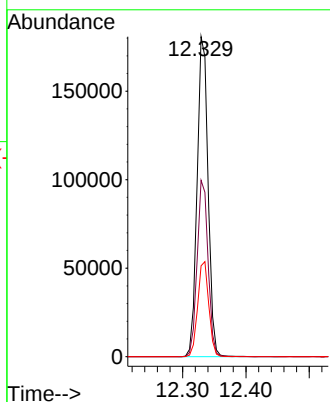
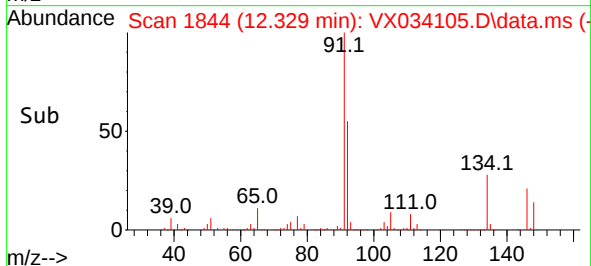
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 21797
Ion Ratio Lower Upper
91 100
92 55.2 27.5 82.5
134 30.0 14.3 42.9

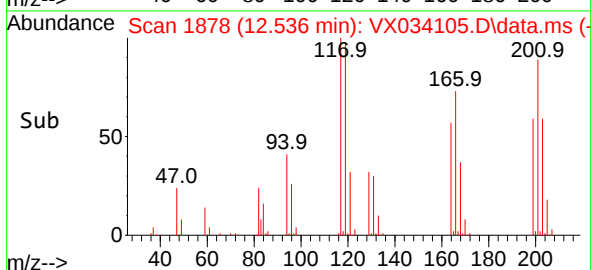
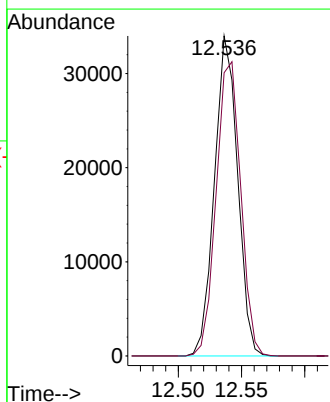
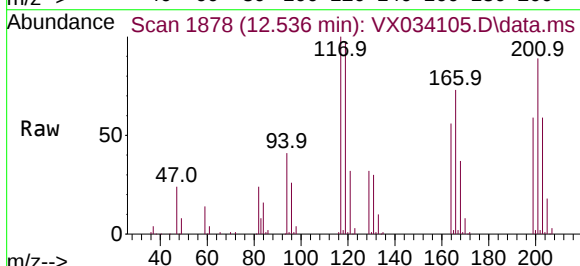
Manual Integrations
APPROVED

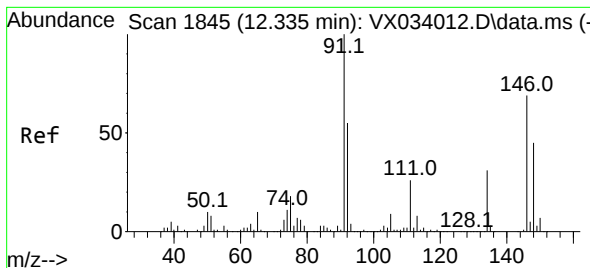
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#90
Hexachloroethane
Concen: 50.004 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX034105.D
Acq: 09 Feb 2023 17:17

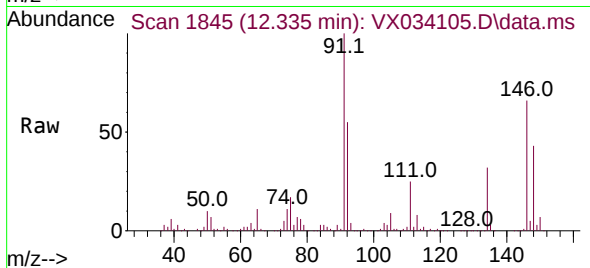
Tgt Ion:117 Resp: 43244
Ion Ratio Lower Upper
117 100
201 97.5 45.1 135.3





#91
1,2-Dichlorobenzene
Concen: 47.431 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX034105.D
Acq: 09 Feb 2023 17:17

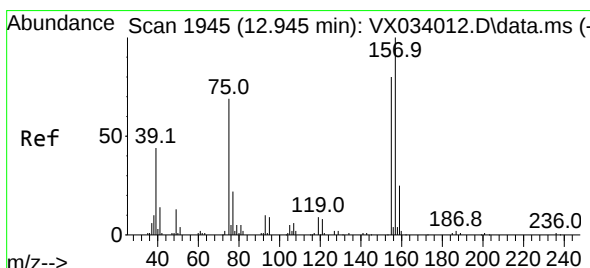
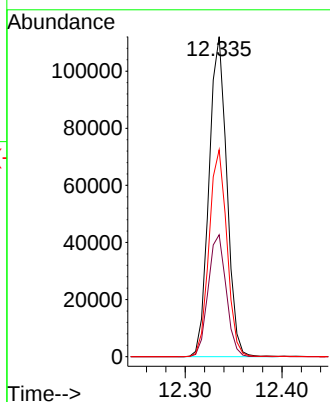
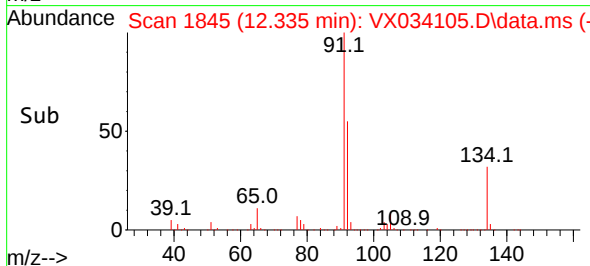
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 14328
Ion Ratio Lower Upper
146 100
111 38.4 19.3 57.8
148 64.5 32.3 96.9

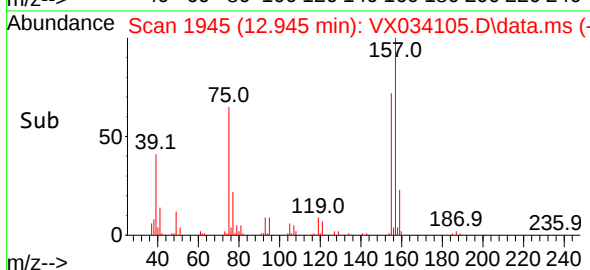
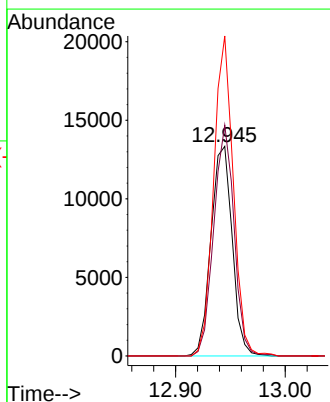
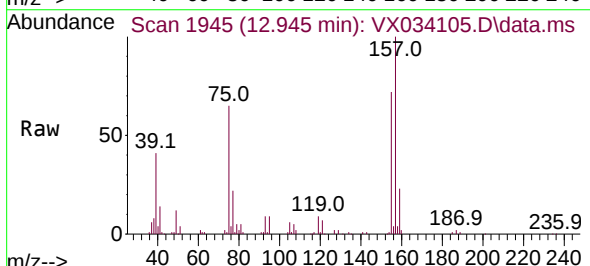
Manual Integrations
APPROVED

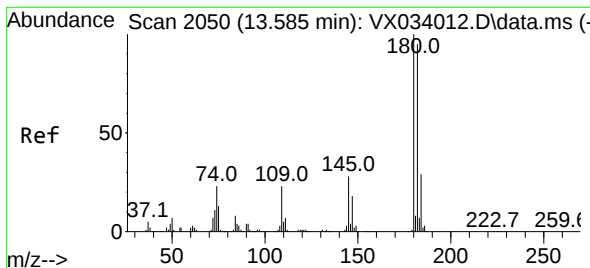
Reviewed By :John Carlone 02/10/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.871 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX034105.D
Acq: 09 Feb 2023 17:17

Tgt Ion: 75 Resp: 17962
Ion Ratio Lower Upper
75 100
155 105.2 51.7 155.1
157 140.6 67.5 202.3





#93

1,2,4-Trichlorobenzene

Concen: 51.401 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX034105.D

Acq: 09 Feb 2023 17:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 10971

Ion Ratio Lower Upper

180 100

182 94.8 47.9 143.6

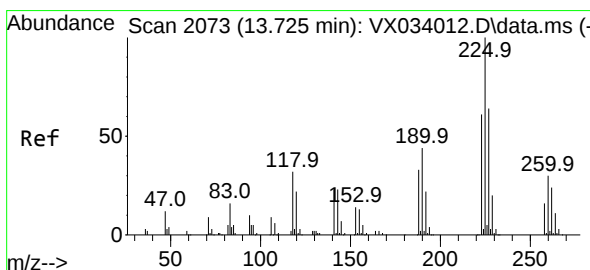
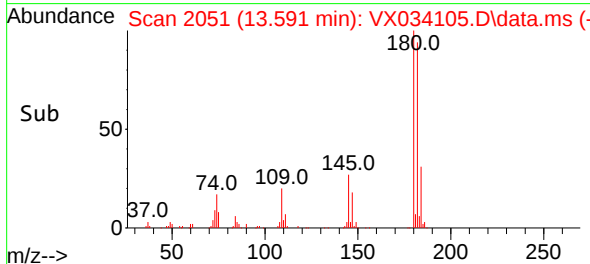
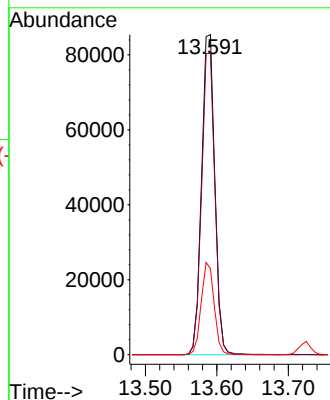
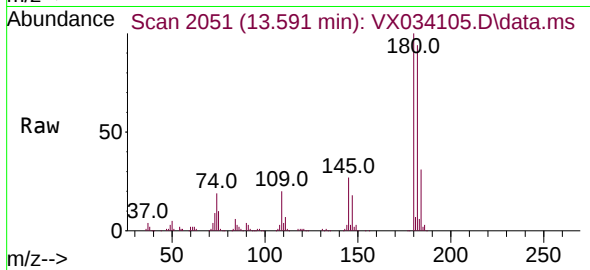
145 28.2 14.1 42.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/10/2023

Supervised By :Semsettin Yesilyurt 02/10/2023



#94

Hexachlorobutadiene

Concen: 49.766 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX034105.D

Acq: 09 Feb 2023 17:17

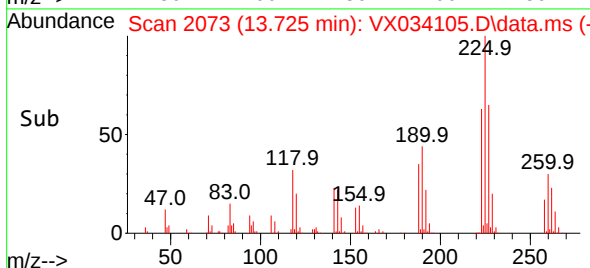
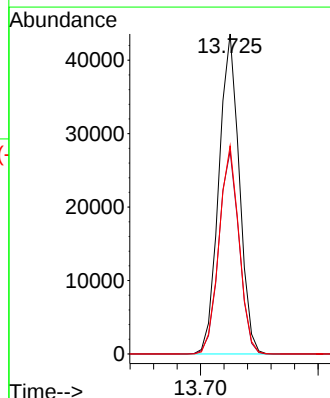
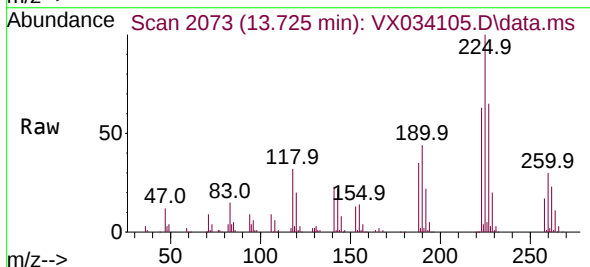
Tgt Ion:225 Resp: 52578

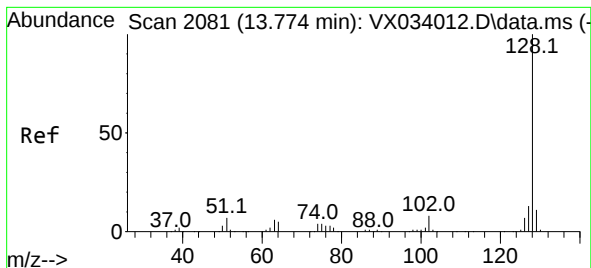
Ion Ratio Lower Upper

225 100

223 62.6 31.3 93.9

227 63.8 32.3 96.9





#95

Naphthalene

Concen: 49.919 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX034105.D

Acq: 09 Feb 2023 17:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:128 Resp: 29274

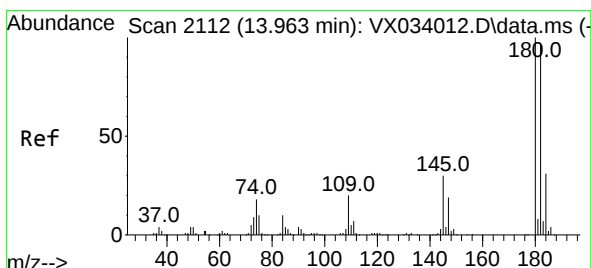
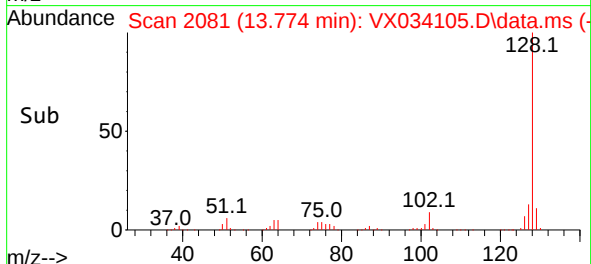
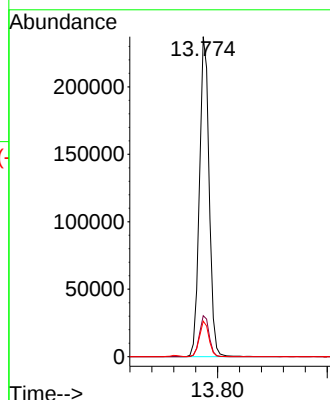
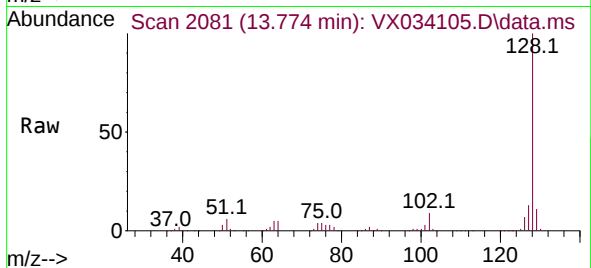
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	10.9	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/10/2023

Supervised By :Semsettin Yesilyurt 02/10/2023



#96

1,2,3-Trichlorobenzene

Concen: 49.996 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX034105.D

Acq: 09 Feb 2023 17:17

Tgt Ion:180 Resp: 107193

Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.6	142.9
145	29.8	15.1	45.3

