

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032423\
 Data File : VX034735.D
 Acq On : 24 Mar 2023 20:44
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 27 01:36:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/27/2023
 Supervised By : Semsettin Yesilyurt 03/27/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	317822	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	541477	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	483147	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	239018	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	243517	52.667	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.340%			
35) Dibromofluoromethane	5.385	113	184773	51.683	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.360%			
50) Toluene-d8	8.647	98	639851	47.943	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.880%			
62) 4-Bromofluorobenzene	11.079	95	264362	49.040	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.080%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	182056	61.445	ug/l	100
3) Chloromethane	1.294	50	212491	47.273	ug/l	99
4) Vinyl Chloride	1.374	62	210959	52.290	ug/l	96
5) Bromomethane	1.618	94	124595	61.209	ug/l	98
6) Chloroethane	1.691	64	113910	49.038	ug/l	98
7) Trichlorofluoromethane	1.886	101	293108	48.352	ug/l	99
8) Diethyl Ether	2.130	74	119267	53.896	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	168388	47.664	ug/l	99
10) Methyl Iodide	2.453	142	233038	50.242	ug/l	93
11) Tert butyl alcohol	2.989	59	245287	254.752	ug/l	96
12) 1,1-Dichloroethene	2.319	96	165855	47.669	ug/l	93
13) Acrolein	2.239	56	170126	223.350	ug/l	100
14) Allyl chloride	2.666	41	340793	48.313	ug/l	97
15) Acrylonitrile	3.062	53	529914	254.776	ug/l	99
16) Acetone	2.386	43	481761	221.196	ug/l	96
17) Carbon Disulfide	2.514	76	399164	40.767	ug/l	98
18) Methyl Acetate	2.703	43	387251	54.415	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	661195	53.076	ug/l	97
20) Methylene Chloride	2.788	84	196909	46.583	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	183042	49.537	ug/l	98
22) Diisopropyl ether	3.757	45	682291	50.732	ug/l	95
23) Vinyl Acetate	3.721	43	2564844	250.585	ug/l	99
24) 1,1-Dichloroethane	3.611	63	365455	50.551	ug/l	98
25) 2-Butanone	4.556	43	765882	245.760	ug/l	100
26) 2,2-Dichloropropane	4.477	77	294438	46.854	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	218679	49.162	ug/l	98
28) Bromochloromethane	4.897	49	157043	46.719	ug/l	97
29) Tetrahydrofuran	5.001	42	494465	257.133	ug/l	100
30) Chloroform	5.093	83	371246	52.387	ug/l	100
31) Cyclohexane	5.471	56	297043	45.808	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	330921	52.749	ug/l	99
36) 1,1-Dichloropropene	5.696	75	264635	48.193	ug/l	100
37) Ethyl Acetate	4.708	43	302480	50.423	ug/l	99
38) Carbon Tetrachloride	5.678	117	274394	50.231	ug/l	99
39) Methylcyclohexane	7.379	83	292235	44.471	ug/l	96
40) Benzene	6.037	78	780709	48.601	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	171597	52.195	ug/l	98
42) 1,2-Dichloroethane	6.086	62	314698	53.306	ug/l	100
43) Isopropyl Acetate	6.336	43	515390	50.715	ug/l	100
44) Trichloroethene	7.123	130	201525	48.284	ug/l	100
45) 1,2-Dichloropropane	7.427	63	209015	49.833	ug/l	99
46) Dibromomethane	7.580	93	143703	50.396	ug/l	99
47) Bromodichloromethane	7.824	83	280865	50.893	ug/l	98
48) Methyl methacrylate	7.690	41	256205	52.419	ug/l	98
49) 1,4-Dioxane	7.702	88	102411	997.587	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	1508689	255.911	ug/l	100
52) Toluene	8.720	92	493906	49.663	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	311642	50.125	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	331395	49.267	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	202766	51.374	ug/l	98
56) Ethyl methacrylate	9.116	69	331008	51.079	ug/l	98
57) 1,3-Dichloropropane	9.305	76	353696	50.422	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	761851	228.122	ug/l	98
59) 2-Hexanone	9.433	43	1134518	248.950	ug/l	99
60) Dibromochloromethane	9.519	129	209007	50.492	ug/l	99
61) 1,2-Dibromoethane	9.610	107	213522	50.133	ug/l	100
64) Tetrachloroethene	9.275	164	168119	51.801	ug/l	98
65) Chlorobenzene	10.079	112	523940	49.426	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	196444	50.881	ug/l	98
67) Ethyl Benzene	10.195	91	936003	49.322	ug/l	99
68) m/p-Xylenes	10.299	106	719007	98.628	ug/l	100
69) o-Xylene	10.640	106	358662	49.025	ug/l	99
70) Styrene	10.653	104	598622	50.716	ug/l	99
71) Bromoform	10.799	173	146030	49.136	ug/l #	100
73) Isopropylbenzene	10.963	105	913227	49.435	ug/l	99
74) N-amyl acetate	10.842	43	448400	50.678	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	304956	49.470	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	260077m	47.389	ug/l	
77) Bromobenzene	11.195	156	221311	49.933	ug/l	98
78) n-propylbenzene	11.305	91	1047964	49.121	ug/l	100
79) 2-Chlorotoluene	11.366	91	653416	49.591	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	779557	50.311	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	94456	46.561	ug/l	98
82) 4-Chlorotoluene	11.451	91	749721	49.399	ug/l	99
83) tert-Butylbenzene	11.713	119	760270	48.665	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	788297	49.780	ug/l	98
85) sec-Butylbenzene	11.890	105	906260	47.450	ug/l	100
86) p-Isopropyltoluene	12.006	119	777120	48.413	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	412122	47.457	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	418683	47.681	ug/l	100
89) n-Butylbenzene	12.329	91	653563	45.800	ug/l	100
90) Hexachloroethane	12.536	117	130914	44.076	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	415218	49.476	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	71012	50.703	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	254767	48.544	ug/l	98
94) Hexachlorobutadiene	13.725	225	99379	47.004	ug/l	97
95) Naphthalene	13.774	128	900477	51.167	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	255474	49.799	ug/l	98

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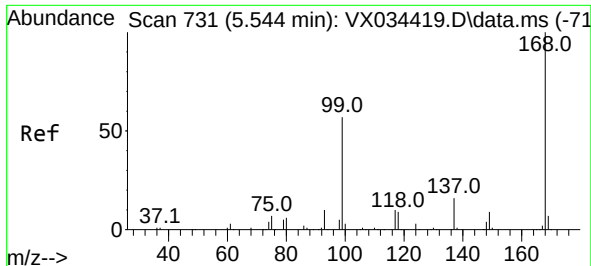
Manual Integrations
APPROVED

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Supervised By :Semsettin Yesilyurt 03/27/2023

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Quant Title : SW846 8260
QLast Update : Mon Mar 13 10:29:32 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



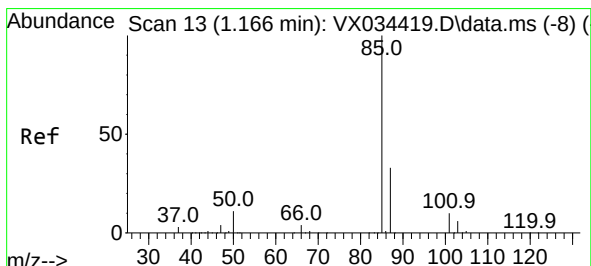
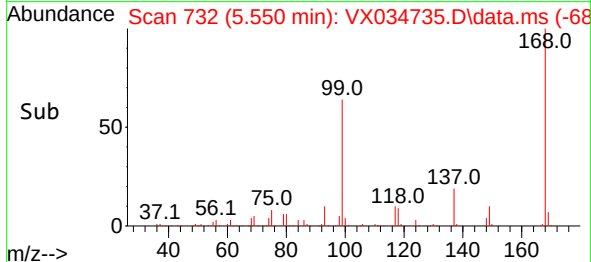
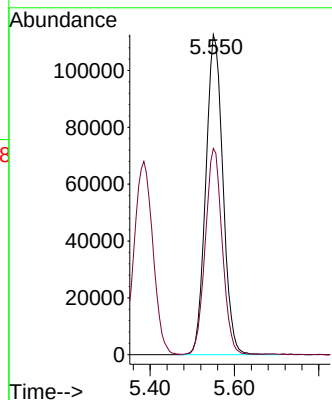
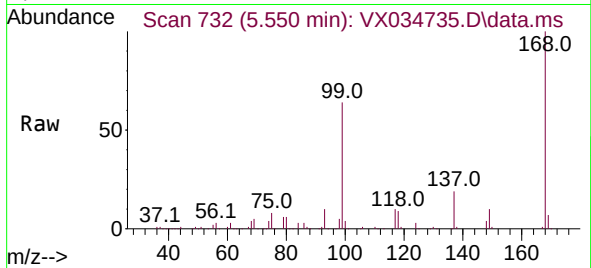
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034735.D
Acq: 24 Mar 2023 20:44

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MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 31782
Ion Ratio Lower Upper
168 100
99 64.3 45.7 68.5

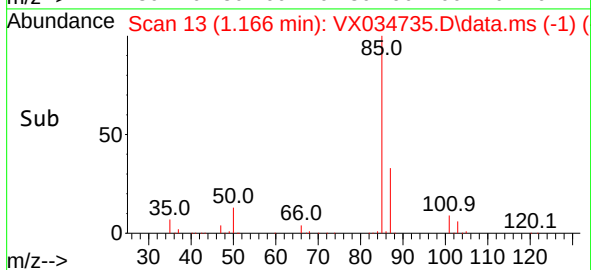
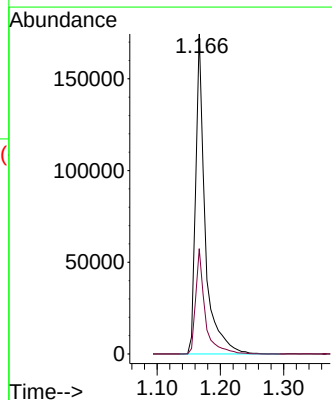
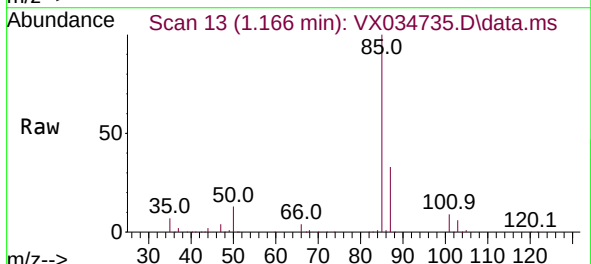
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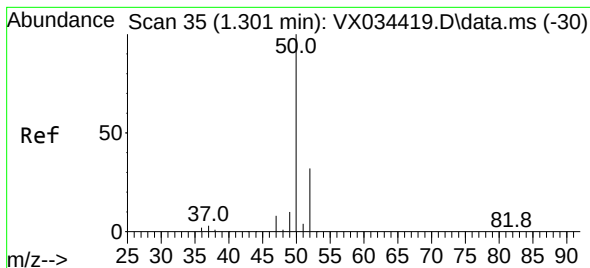
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#2
Dichlorodifluoromethane
Concen: 61.445 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX034735.D
Acq: 24 Mar 2023 20:44

Tgt Ion: 85 Resp: 182056
Ion Ratio Lower Upper
85 100
87 32.9 16.4 49.1





#3

Chloromethane

Concen: 47.273 ug/l

RT: 1.294 min Scan# 34

Delta R.T. -0.007 min

Lab File: VX034735.D

Acq: 24 Mar 2023 20:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 21249

Ion Ratio Lower Upper

50 100

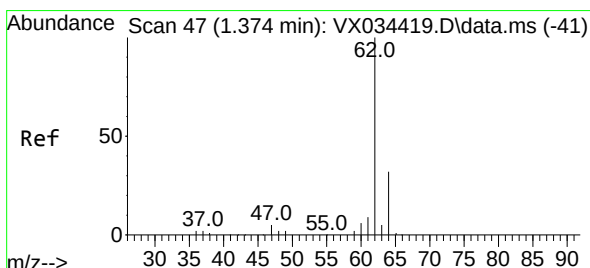
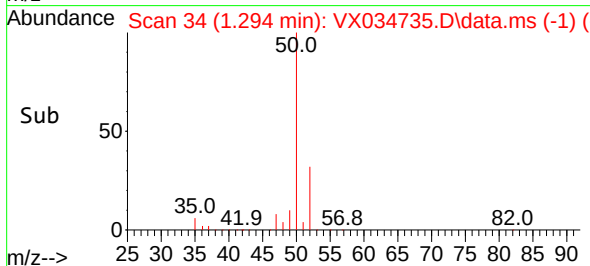
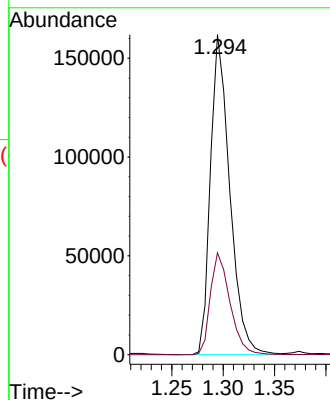
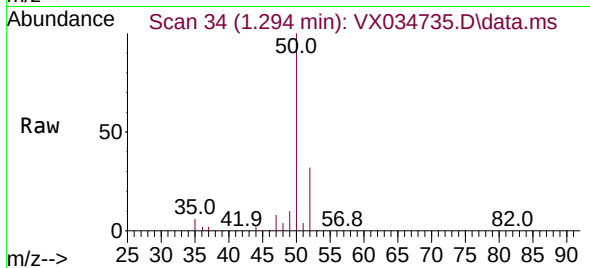
52 31.8 25.9 38.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 52.290 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX034735.D

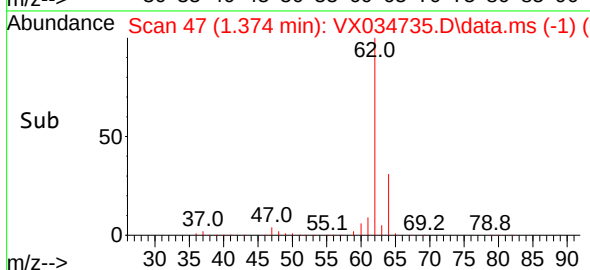
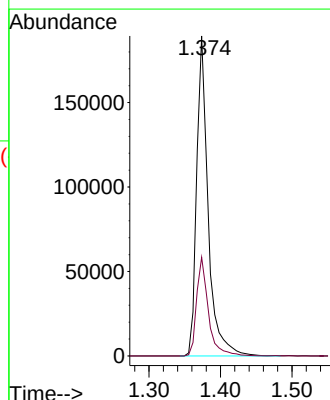
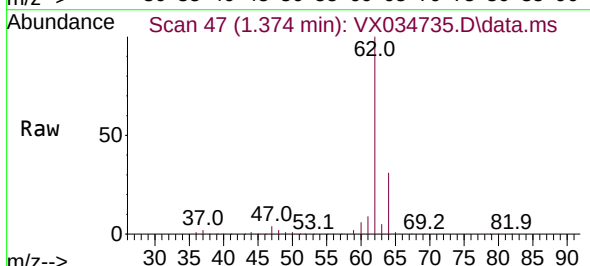
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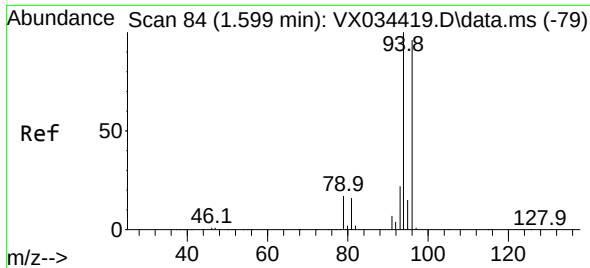
Tgt Ion: 62 Resp: 210959

Ion Ratio Lower Upper

62 100

64 30.9 26.4 39.6





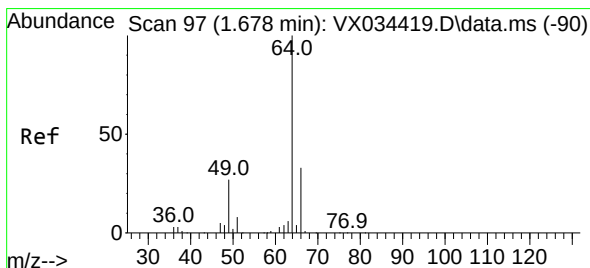
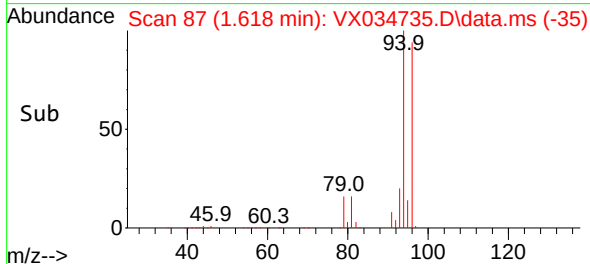
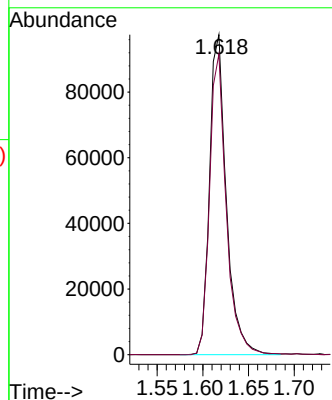
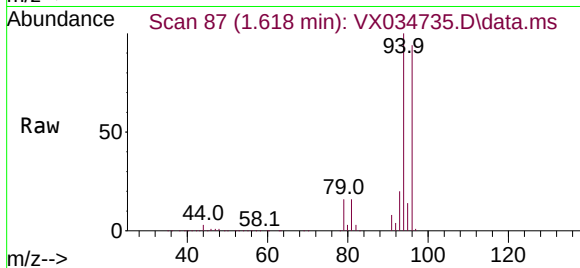
#5
Bromomethane
Concen: 61.209 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.018 min
Lab File: VX034735.D
Acq: 24 Mar 2023 20:44

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 12459
Ion Ratio Lower Upper
94 100
96 93.9 77.0 115.6

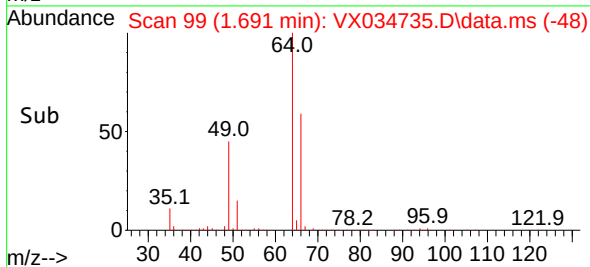
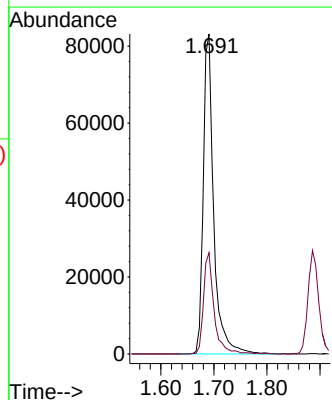
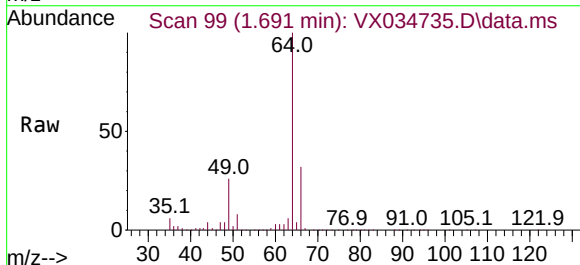
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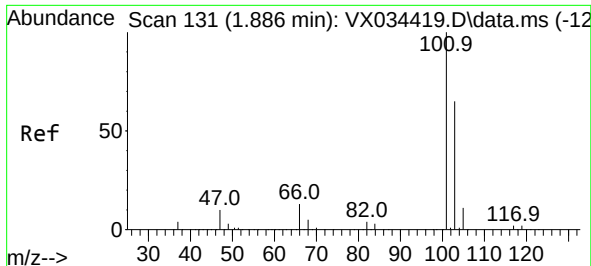
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#6
Chloroethane
Concen: 49.038 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.013 min
Lab File: VX034735.D
Acq: 24 Mar 2023 20:44

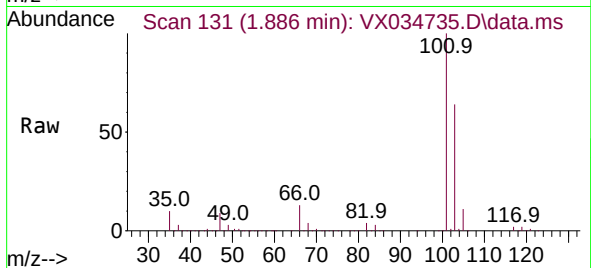
Tgt Ion: 64 Resp: 113910
Ion Ratio Lower Upper
64 100
66 31.6 26.2 39.4





#7
Trichlorofluoromethane
Concen: 48.352 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034735.D
Acq: 24 Mar 2023 20:44

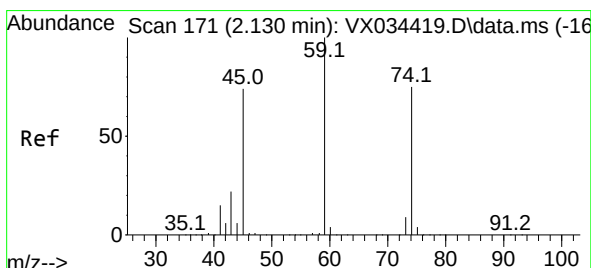
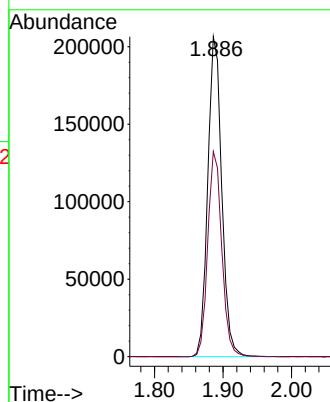
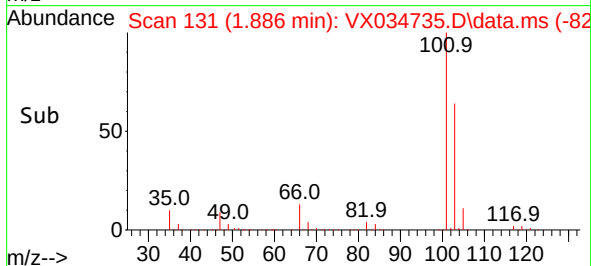
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



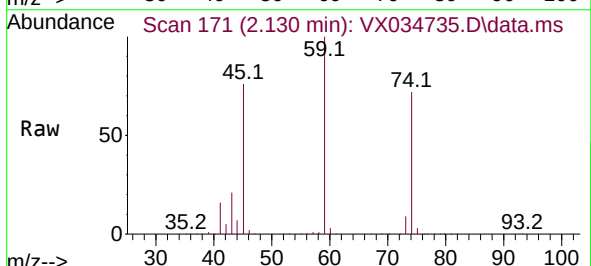
Tgt Ion:101 Resp: 293108
Ion Ratio Lower Upper
101 100
103 64.1 52.0 78.0

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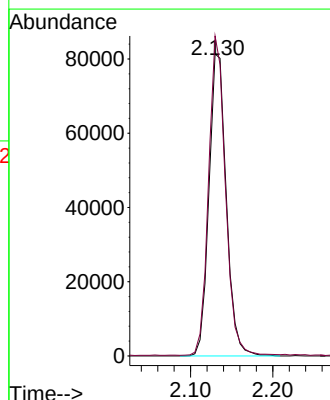
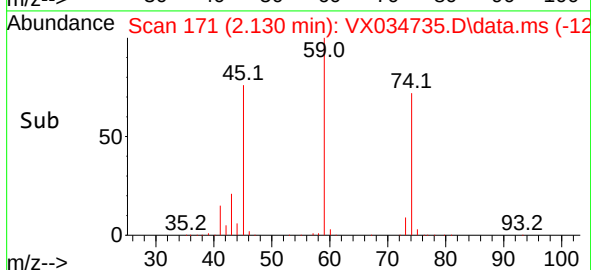
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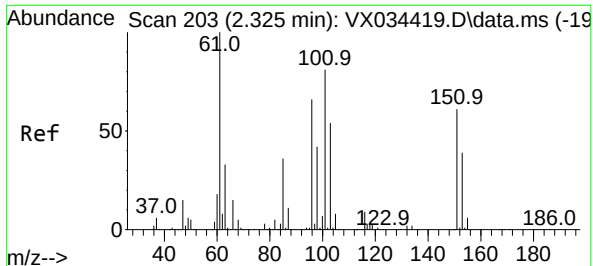


#8
Diethyl Ether
Concen: 53.896 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX034735.D
Acq: 24 Mar 2023 20:44



Tgt Ion: 74 Resp: 119267
Ion Ratio Lower Upper
74 100
45 102.7 49.8 149.3





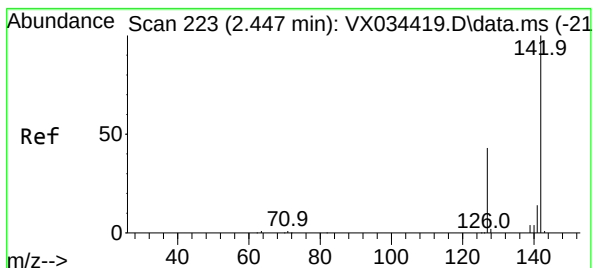
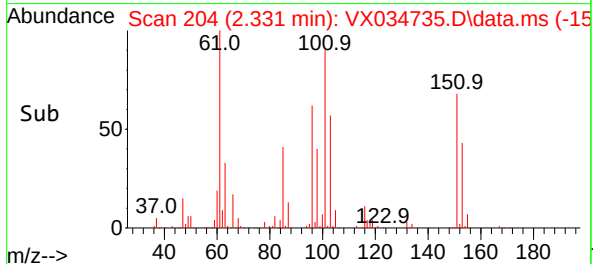
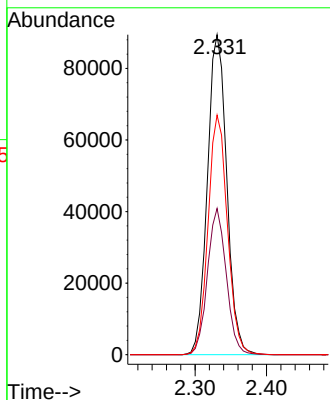
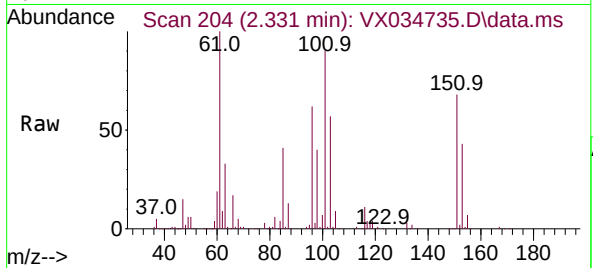
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.664 ug/l
RT: 2.331 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX034735.D
Acq: 24 Mar 2023 20:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 16838
Ion Ratio Lower Upper
101 100
85 44.5 35.4 53.2
151 74.7 60.2 90.4

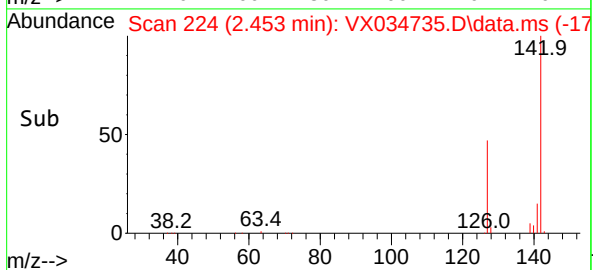
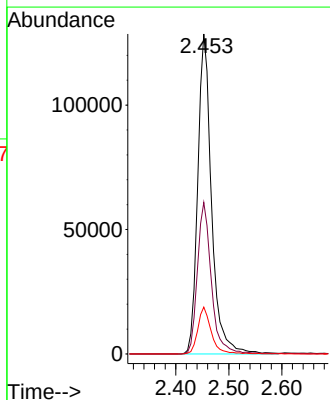
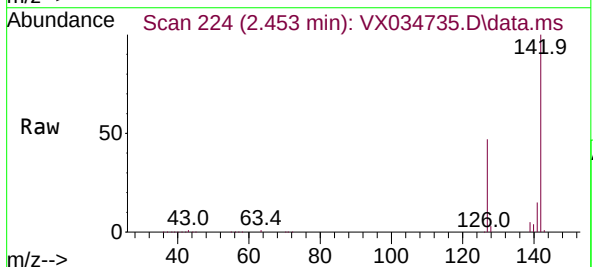
Manual Integrations
APPROVED

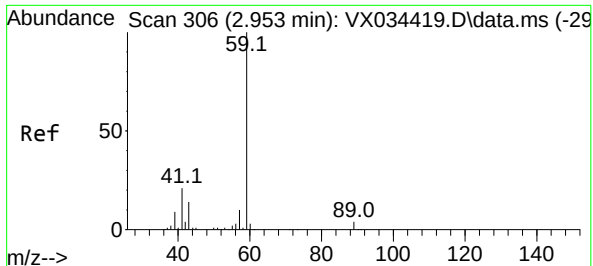
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#10
Methyl Iodide
Concen: 50.242 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.006 min
Lab File: VX034735.D
Acq: 24 Mar 2023 20:44

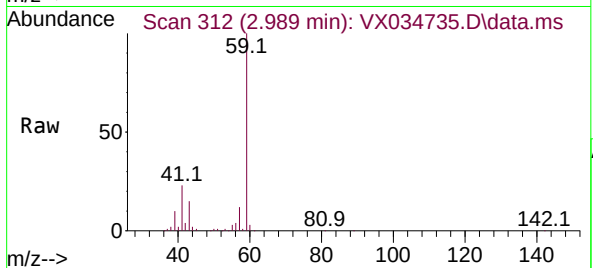
Tgt Ion:142 Resp: 233038
Ion Ratio Lower Upper
142 100
127 47.8 34.0 51.0
141 14.3 11.1 16.7





#11
Tert butyl alcohol
Concen: 254.752 ug/l
RT: 2.989 min Scan# 312
Delta R.T. 0.037 min
Lab File: VX034735.D
Acq: 24 Mar 2023 20:44

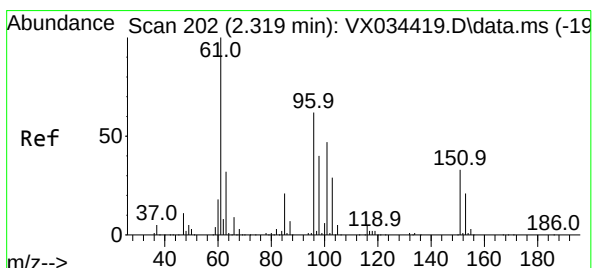
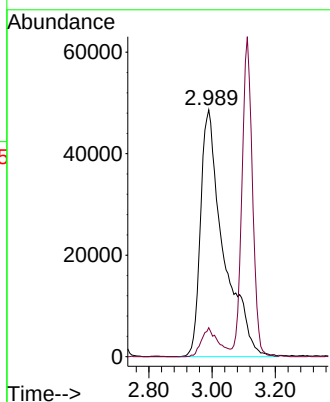
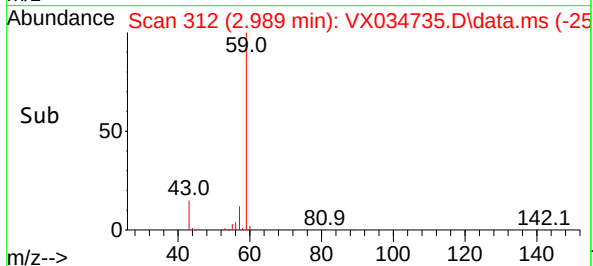
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 245285
Ion Ratio Lower Upper
59 100
57 8.7 8.1 12.1

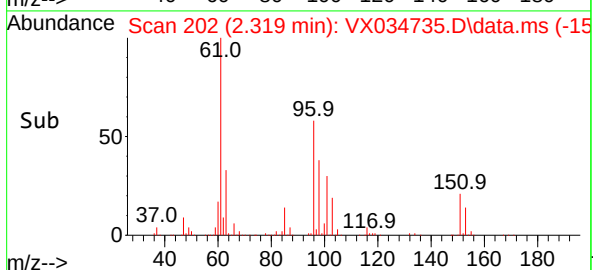
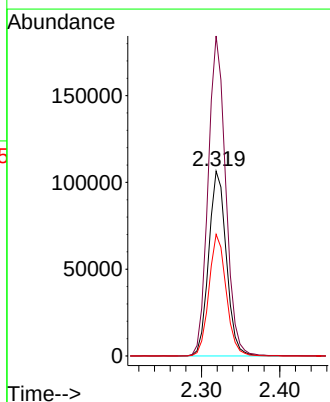
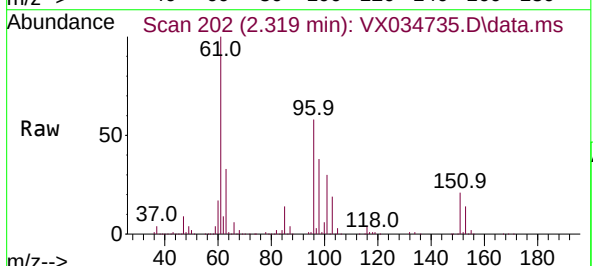
Manual Integrations
APPROVED

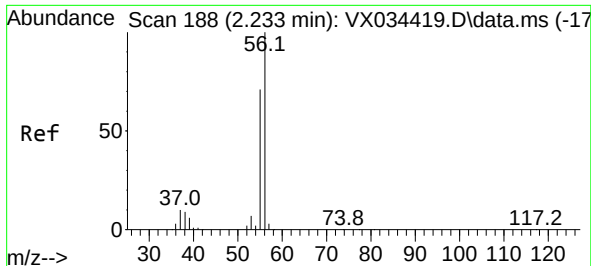
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#12
1,1-Dichloroethene
Concen: 47.669 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX034735.D
Acq: 24 Mar 2023 20:44

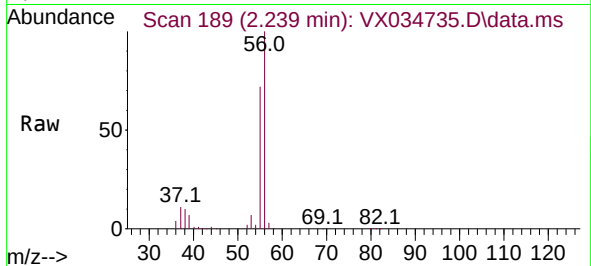
Tgt Ion: 96 Resp: 165855
Ion Ratio Lower Upper
96 100
61 173.2 128.8 193.2
98 65.8 51.4 77.0





#13
Acrolein
Concen: 223.350 ug/l
RT: 2.239 min Scan# 188
Delta R.T. 0.006 min
Lab File: VX034735.D
Acq: 24 Mar 2023 20:44

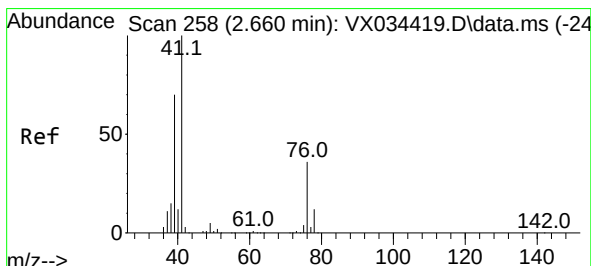
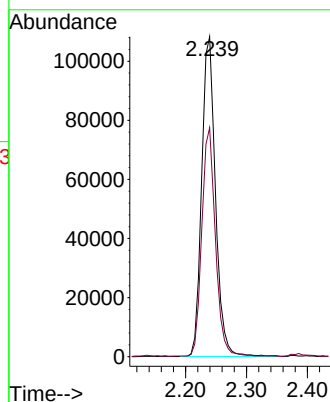
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 170120
Ion Ratio Lower Upper
56 100
55 70.6 56.6 85.0

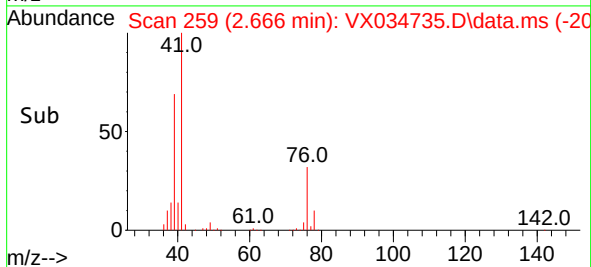
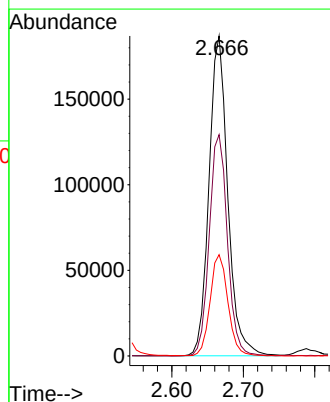
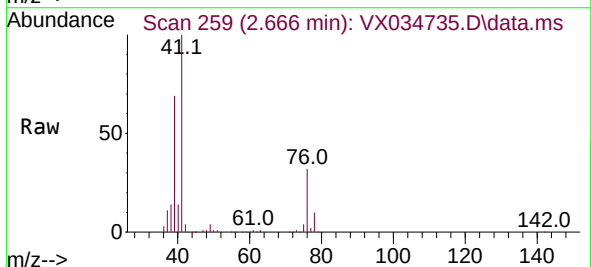
Manual Integrations
APPROVED

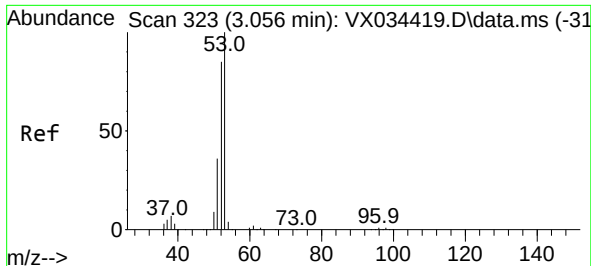
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#14
Allyl chloride
Concen: 48.313 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX034735.D
Acq: 24 Mar 2023 20:44

Tgt Ion: 41 Resp: 340793
Ion Ratio Lower Upper
41 100
39 67.0 52.4 78.6
76 30.2 26.0 39.0





#15

Acrylonitrile

Concen: 254.776 ug/l

RT: 3.062 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX034735.D

Acq: 24 Mar 2023 20:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 53 Resp: 529914

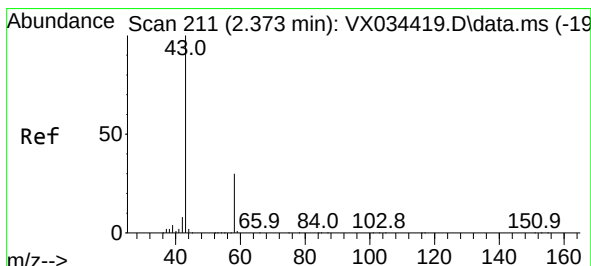
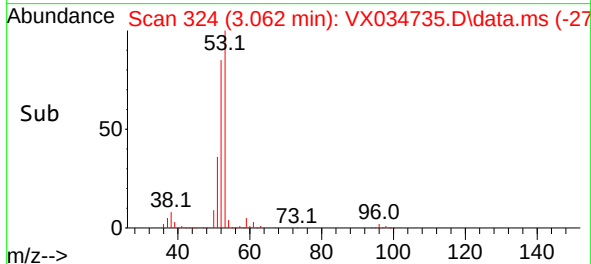
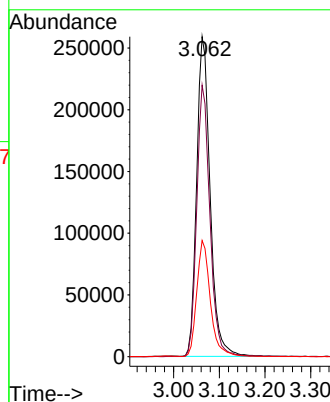
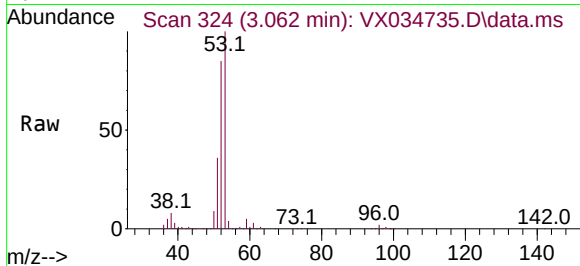
Ion	Ratio	Lower	Upper
53	100		
52	83.2	66.2	99.2
51	36.7	28.3	42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#16

Acetone

Concen: 221.196 ug/l

RT: 2.386 min Scan# 213

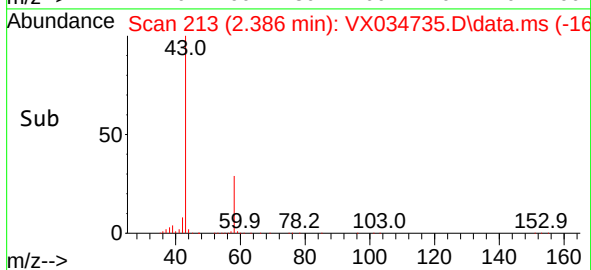
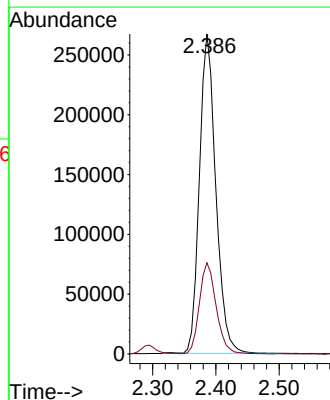
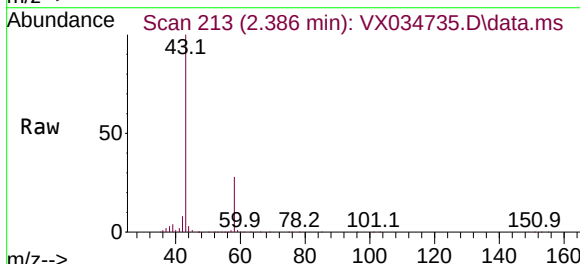
Delta R.T. 0.012 min

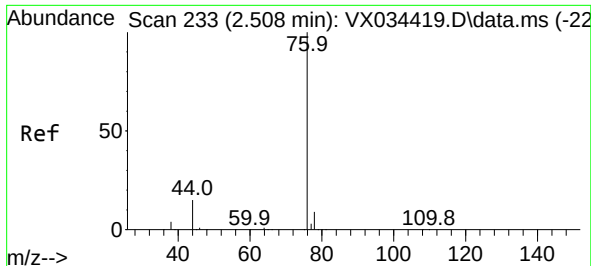
Lab File: VX034735.D

Acq: 24 Mar 2023 20:44

Tgt Ion: 43 Resp: 481761

Ion	Ratio	Lower	Upper
43	100		
58	28.5	24.7	37.1





#17

Carbon Disulfide

Concen: 40.767 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX034735.D

Acq: 24 Mar 2023 20:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 399164

Ion Ratio Lower Upper

76 100

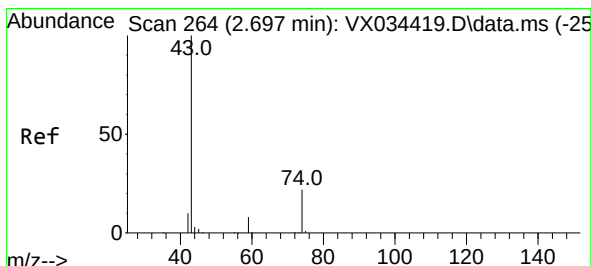
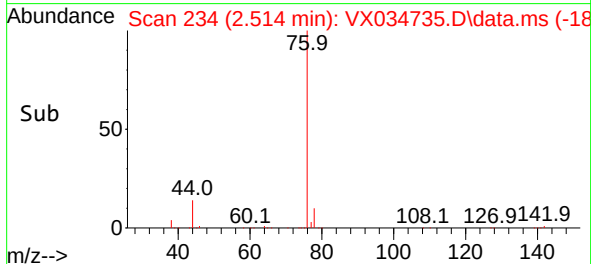
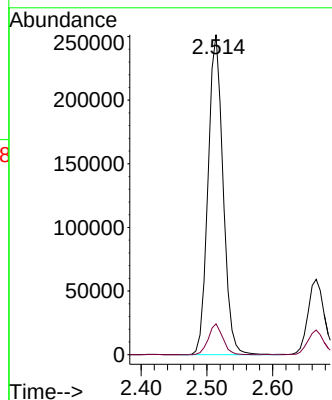
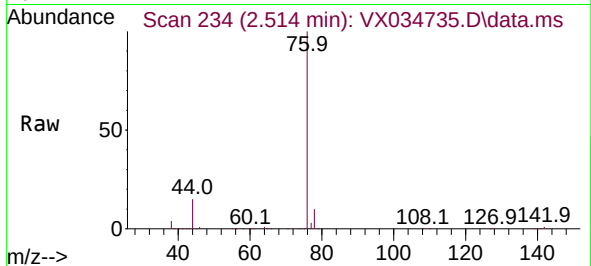
78 9.6 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#18

Methyl Acetate

Concen: 54.415 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.006 min

Lab File: VX034735.D

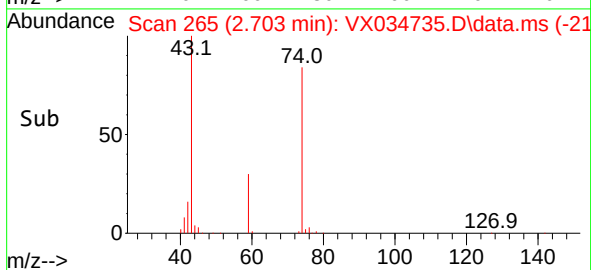
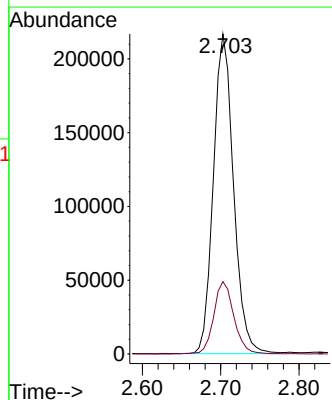
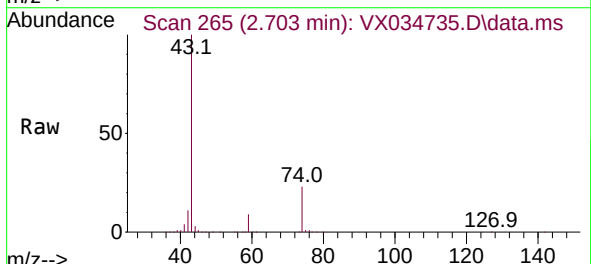
Acq: 24 Mar 2023 20:44

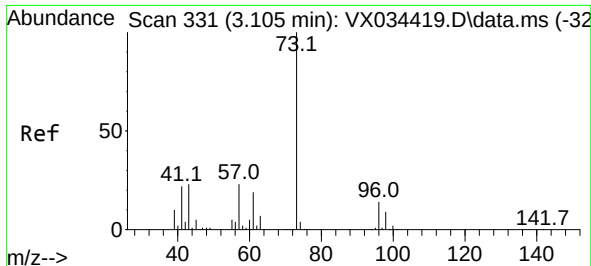
Tgt Ion: 43 Resp: 387251

Ion Ratio Lower Upper

43 100

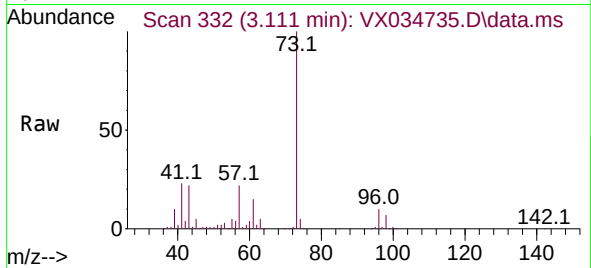
74 22.7 18.3 27.5





#19
Methyl tert-butyl Ether
Concen: 53.076 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX034735.D
Acq: 24 Mar 2023 20:44

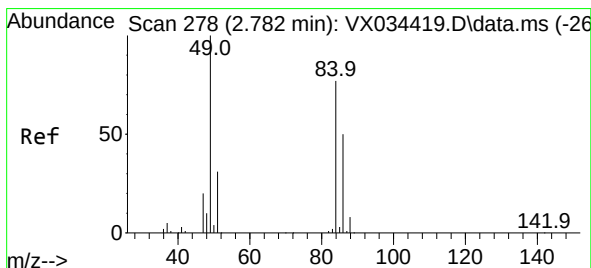
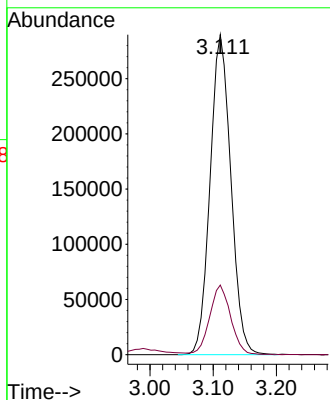
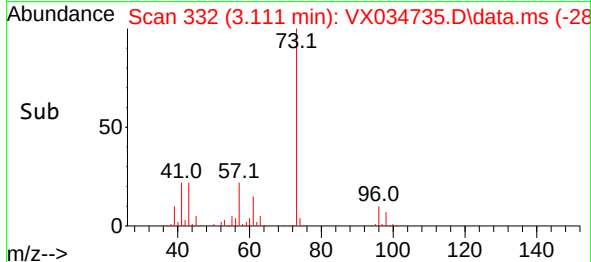
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 66119
Ion Ratio Lower Upper
73 100
57 21.7 18.5 27.7

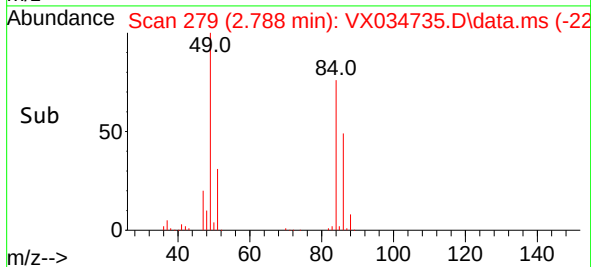
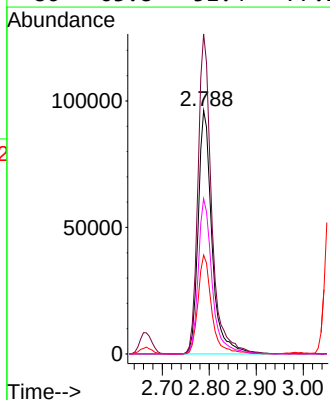
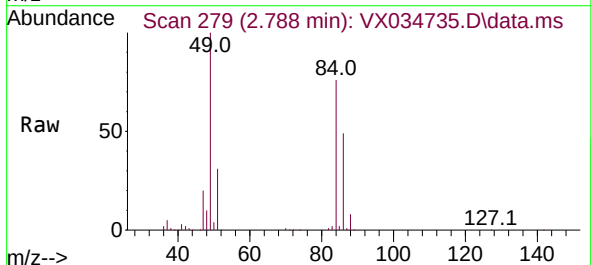
Manual Integrations
APPROVED

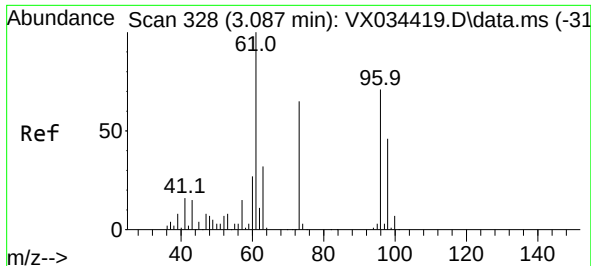
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#20
Methylene Chloride
Concen: 46.583 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX034735.D
Acq: 24 Mar 2023 20:44

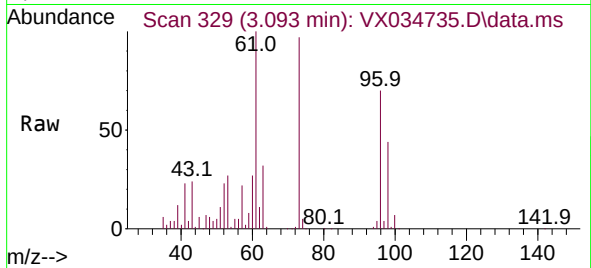
Tgt Ion: 84 Resp: 196909
Ion Ratio Lower Upper
84 100
49 131.4 103.8 155.8
51 40.6 31.8 47.8
86 63.8 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 49.537 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX034735.D
Acq: 24 Mar 2023 20:44

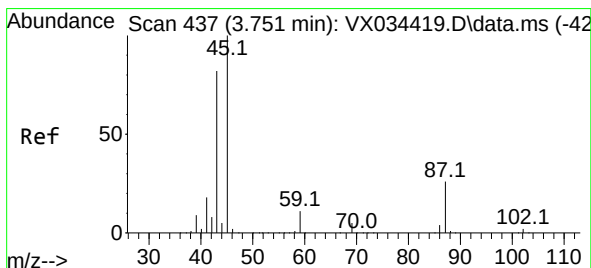
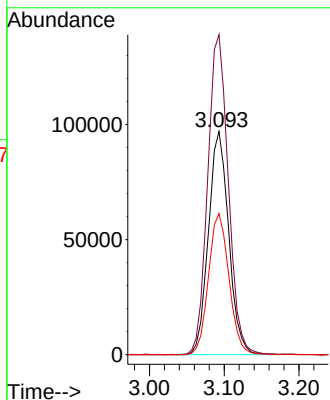
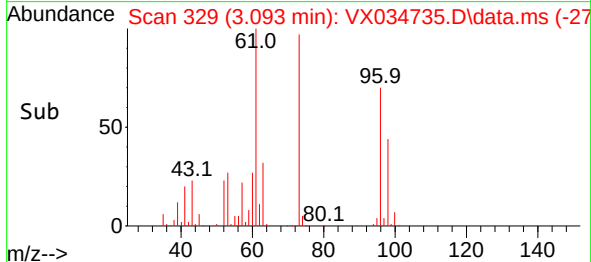
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 18304
Ion Ratio Lower Upper
96 100
61 143.4 113.0 169.6
98 63.2 52.1 78.1

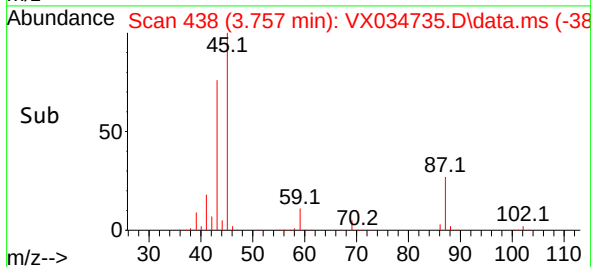
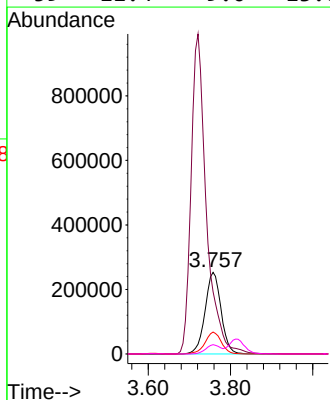
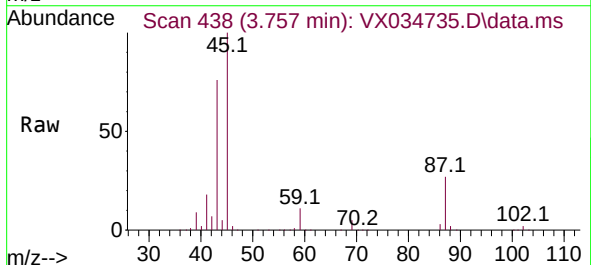
Manual Integrations
APPROVED

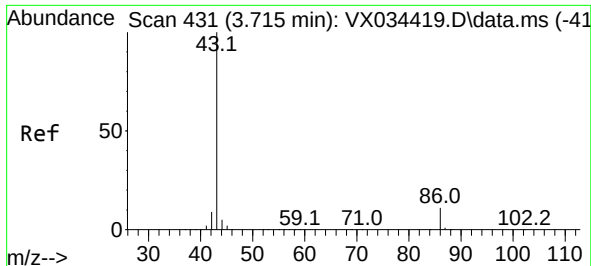
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#22
Diisopropyl ether
Concen: 50.732 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.006 min
Lab File: VX034735.D
Acq: 24 Mar 2023 20:44

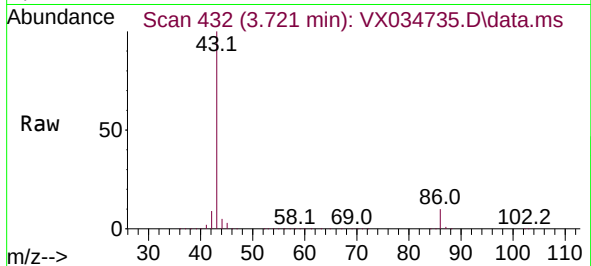
Tgt Ion: 45 Resp: 682291
Ion Ratio Lower Upper
45 100
43 76.0 65.4 98.2
87 26.8 20.6 31.0
59 11.4 9.0 13.6





#23
 Vinyl Acetate
 Concen: 250.585 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX034735.D
 Acq: 24 Mar 2023 20:44

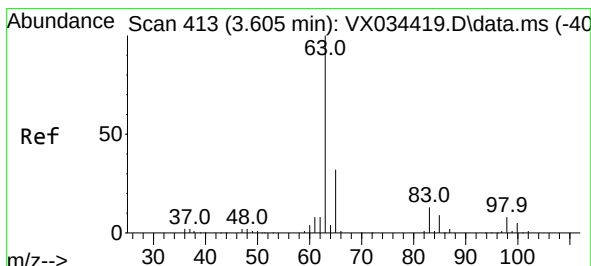
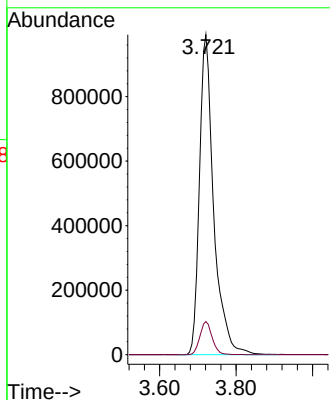
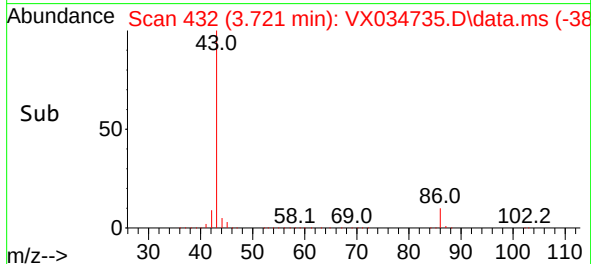
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



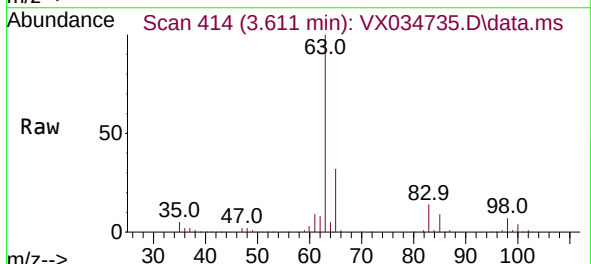
Tgt Ion: 43 Resp: 256484
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.5 12.7

Manual Integrations
 APPROVED

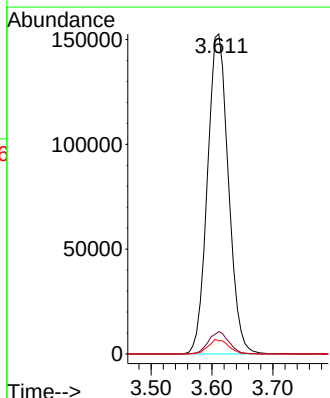
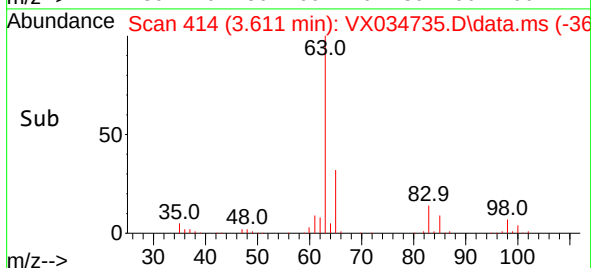
Reviewed By :John Carlone 03/27/2023
 Supervised By :Semsettin Yesilyurt 03/27/2023

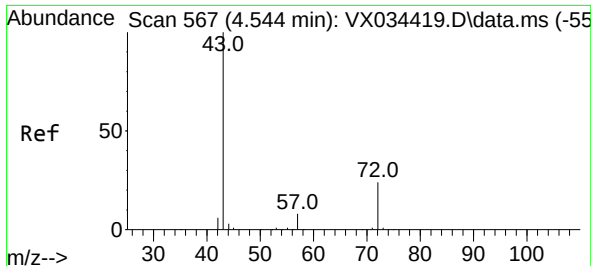


#24
 1,1-Dichloroethane
 Concen: 50.551 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX034735.D
 Acq: 24 Mar 2023 20:44



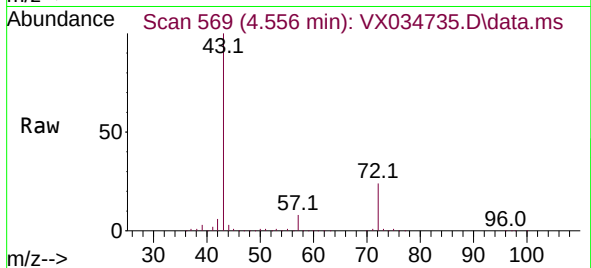
Tgt Ion: 63 Resp: 365455
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.8 11.2
 100 4.1 2.4 7.1





#25
2-Butanone
Concen: 245.760 ug/l
RT: 4.556 min Scan# 50
Delta R.T. 0.012 min
Lab File: VX034735.D
Acq: 24 Mar 2023 20:44

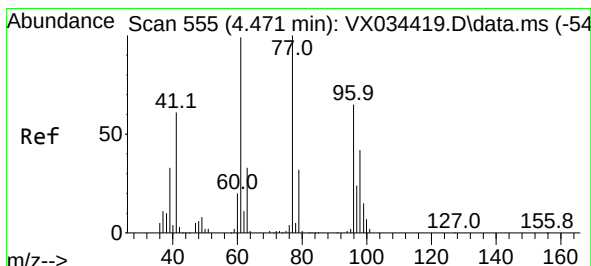
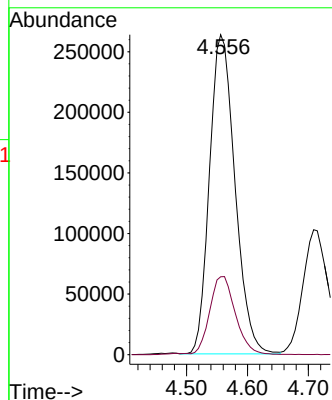
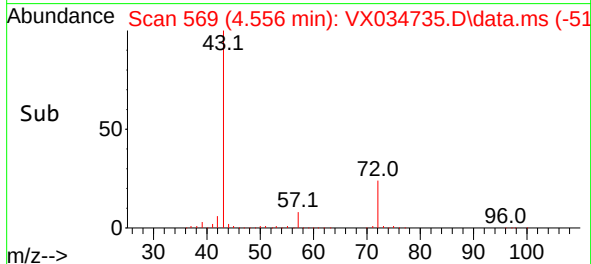
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 76588
Ion Ratio Lower Upper
43 100
72 24.3 19.3 28.9

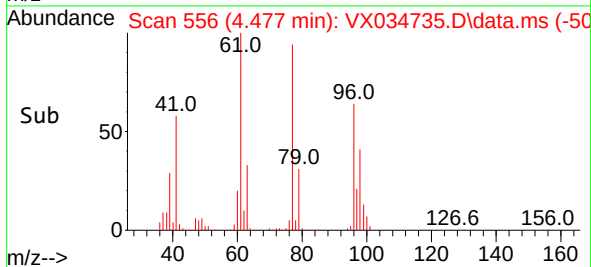
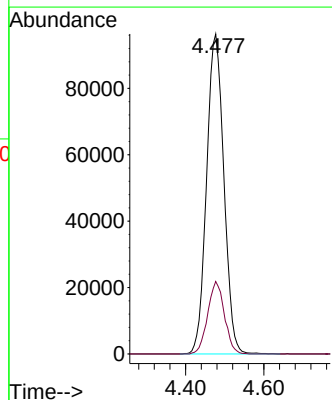
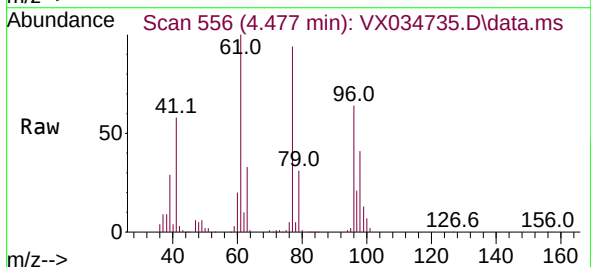
Manual Integrations
APPROVED

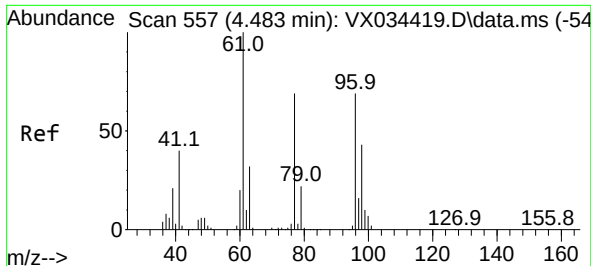
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#26
2,2-Dichloropropane
Concen: 46.854 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX034735.D
Acq: 24 Mar 2023 20:44

Tgt Ion: 77 Resp: 294438
Ion Ratio Lower Upper
77 100
97 22.0 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 49.162 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX034735.D

Acq: 24 Mar 2023 20:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 218679

Ion Ratio Lower Upper

96 100

61 152.7 0.0 300.4

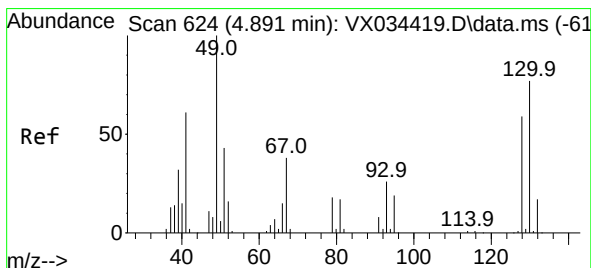
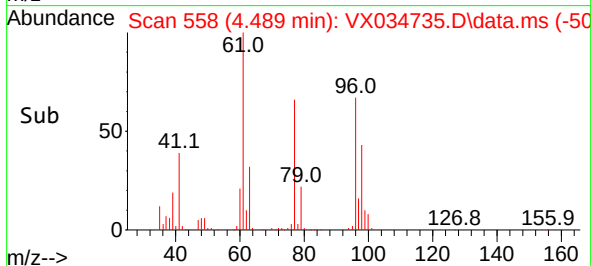
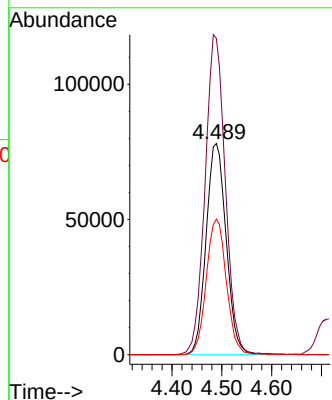
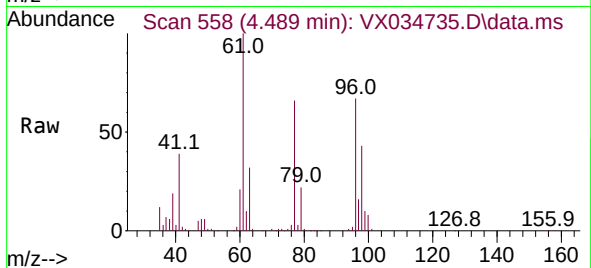
98 64.2 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#28

Bromochloromethane

Concen: 46.719 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.006 min

Lab File: VX034735.D

Acq: 24 Mar 2023 20:44

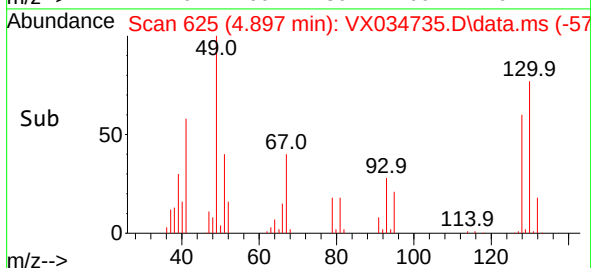
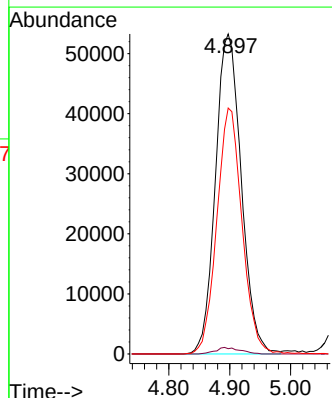
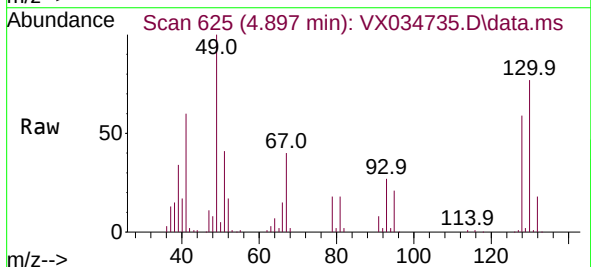
Tgt Ion: 49 Resp: 157043

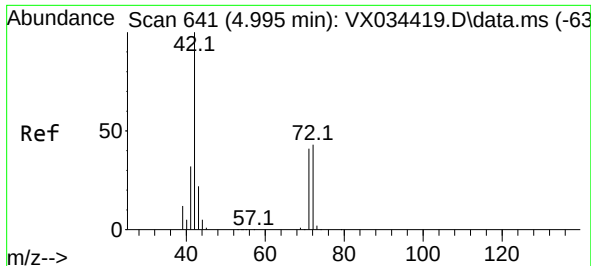
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.0

130 74.9 58.2 87.2





#29

Tetrahydrofuran

Concen: 257.133 ug/l

RT: 5.001 min Scan# 641

Delta R.T. 0.006 min

Lab File: VX034735.D

Acq: 24 Mar 2023 20:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 49446

Ion Ratio Lower Upper

42 100

72 43.0 34.5 51.7

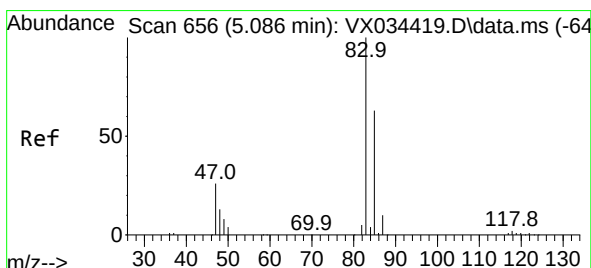
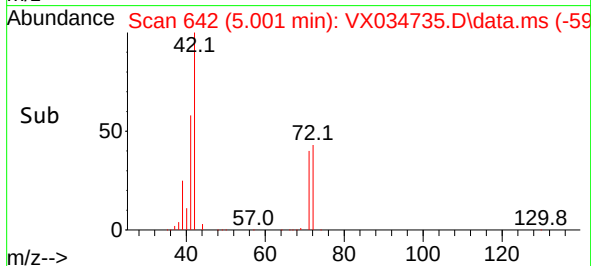
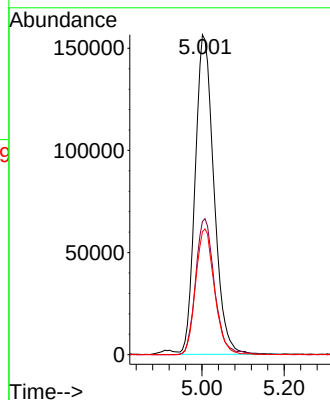
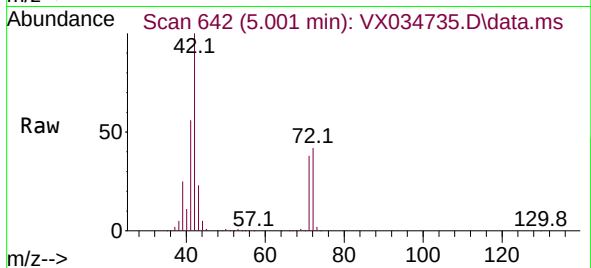
71 39.7 32.1 48.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#30

Chloroform

Concen: 52.387 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.006 min

Lab File: VX034735.D

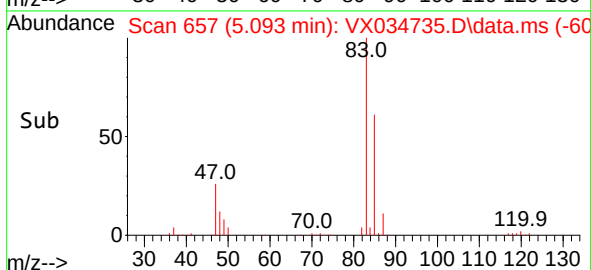
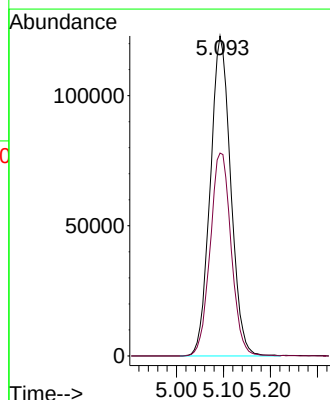
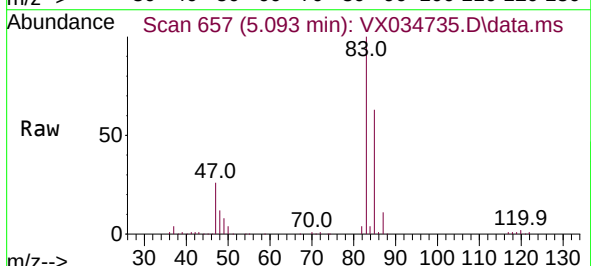
Acq: 24 Mar 2023 20:44

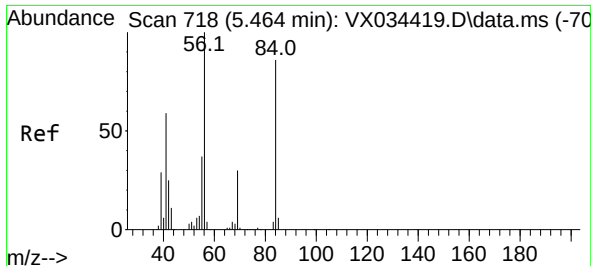
Tgt Ion: 83 Resp: 371246

Ion Ratio Lower Upper

83 100

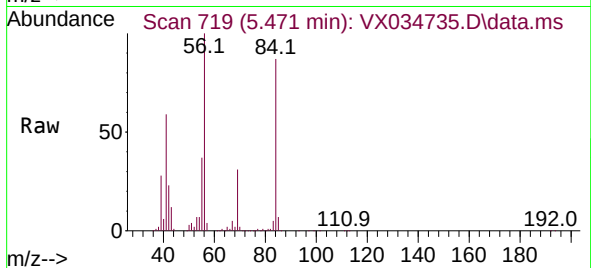
85 63.4 50.6 76.0





#31
Cyclohexane
Concen: 45.808 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX034735.D
Acq: 24 Mar 2023 20:44

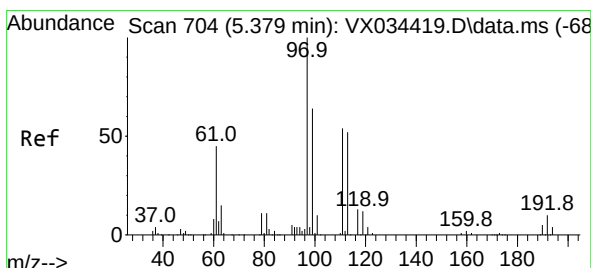
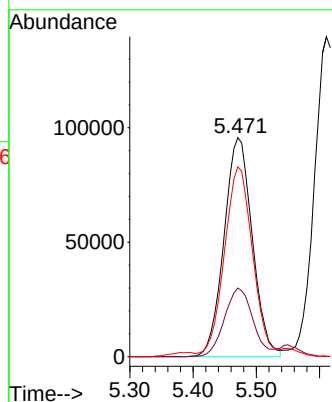
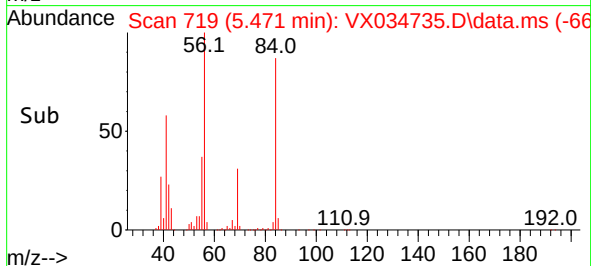
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 29704
Ion Ratio Lower Upper
56 100
69 31.3 23.7 35.5
84 84.8 68.5 102.7

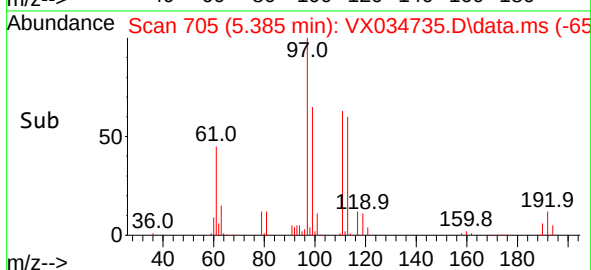
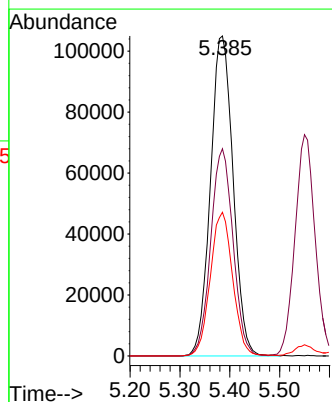
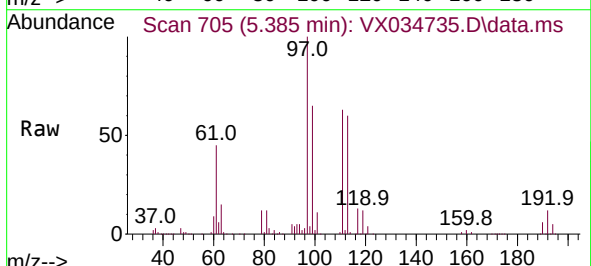
Manual Integrations
APPROVED

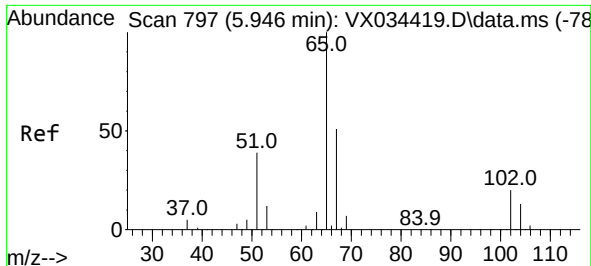
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#32
1,1,1-Trichloroethane
Concen: 52.749 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034735.D
Acq: 24 Mar 2023 20:44

Tgt Ion: 97 Resp: 330921
Ion Ratio Lower Upper
97 100
99 63.8 51.1 76.7
61 44.5 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 52.667 ug/l

RT: 5.952 min Scan# 797

Delta R.T. 0.006 min

Lab File: VX034735.D

Acq: 24 Mar 2023 20:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 24351

Ion Ratio Lower Upper

65 100

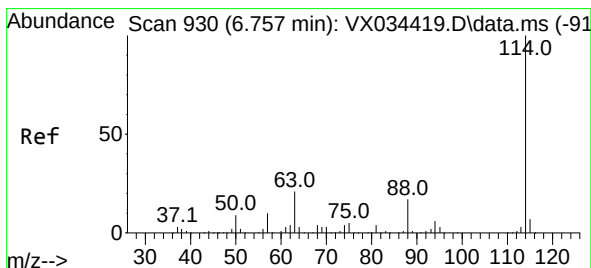
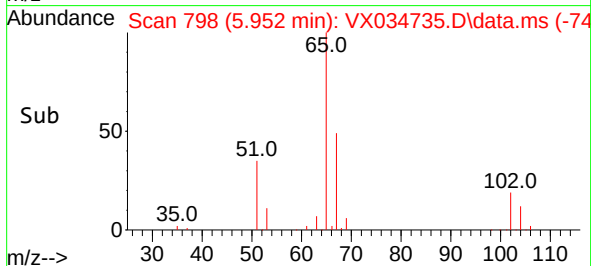
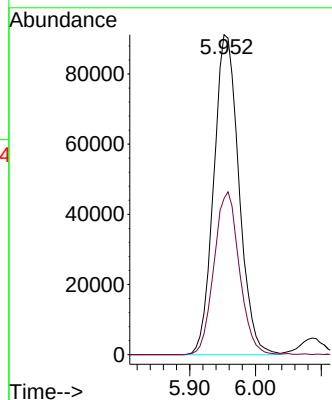
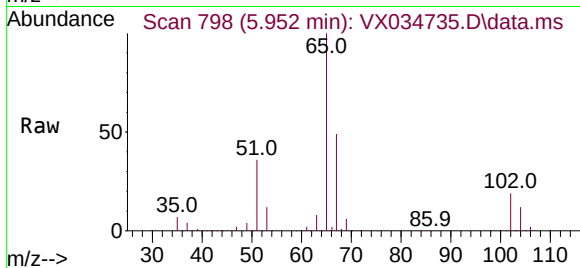
67 51.1 0.0 104.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX034735.D

Acq: 24 Mar 2023 20:44

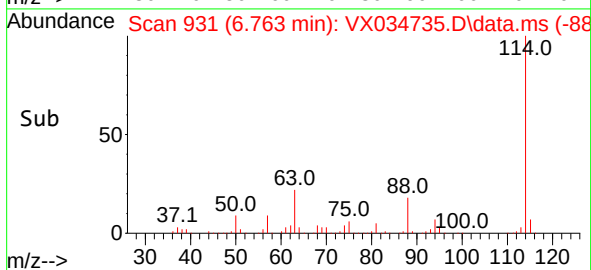
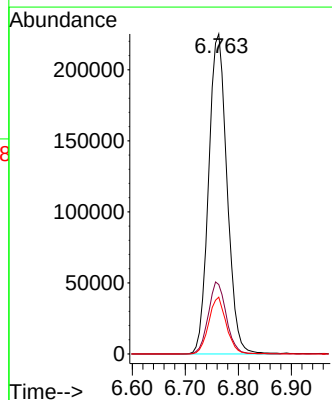
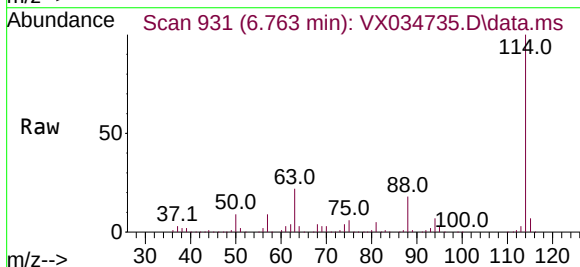
Tgt Ion:114 Resp: 541477

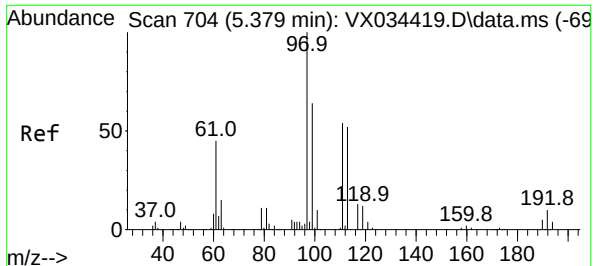
Ion Ratio Lower Upper

114 100

63 21.7 0.0 42.2

88 17.7 0.0 33.2





#35

Dibromofluoromethane

Concen: 51.683 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX034735.D

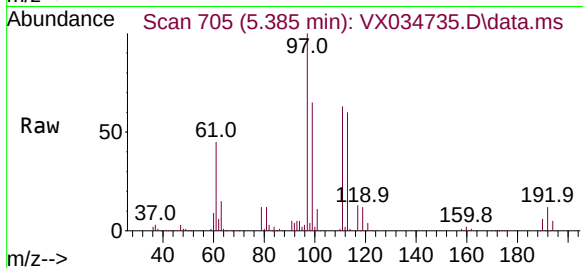
Acq: 24 Mar 2023 20:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion:113 Resp: 18477

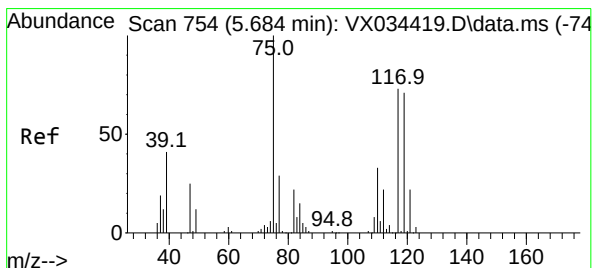
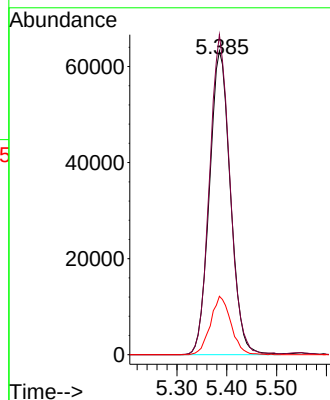
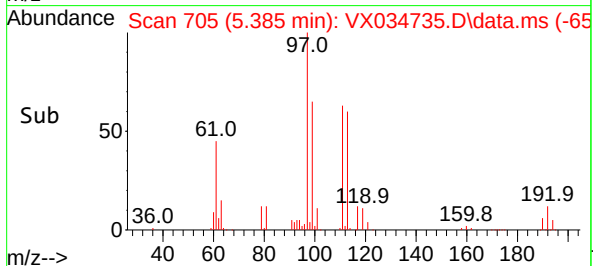
Ion	Ratio	Lower	Upper
113	100		
111	103.0	83.7	125.5
192	18.7	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#36

1,1-Dichloropropene

Concen: 48.193 ug/l

RT: 5.696 min Scan# 756

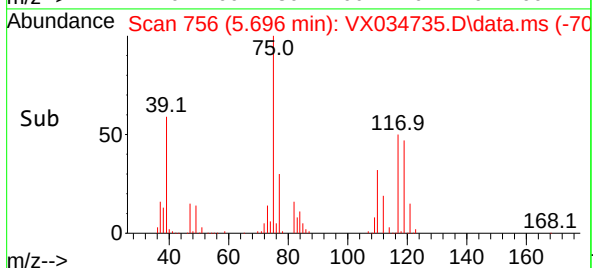
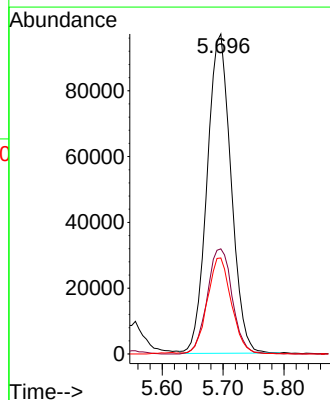
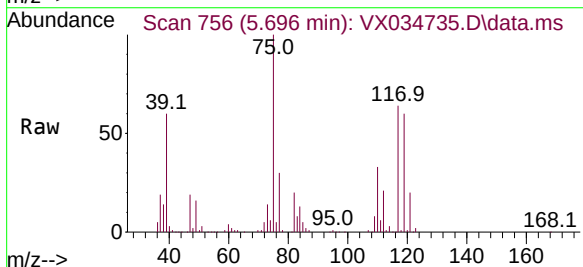
Delta R.T. 0.012 min

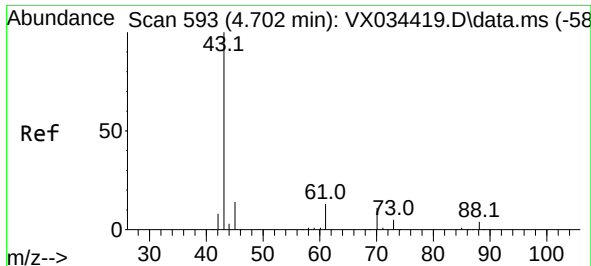
Lab File: VX034735.D

Acq: 24 Mar 2023 20:44

Tgt Ion: 75 Resp: 264635

Ion	Ratio	Lower	Upper
75	100		
110	34.7	17.5	52.5
77	30.5	24.3	36.5





#37

Ethyl Acetate

Concen: 50.423 ug/l

RT: 4.708 min Scan# 593

Delta R.T. 0.006 min

Lab File: VX034735.D

Acq: 24 Mar 2023 20:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 302480

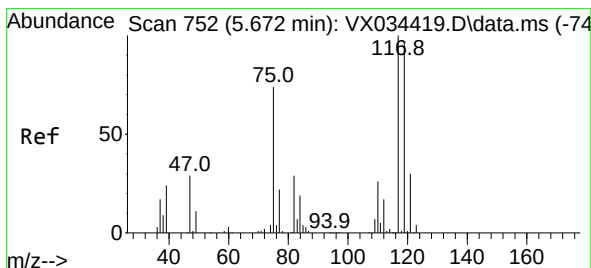
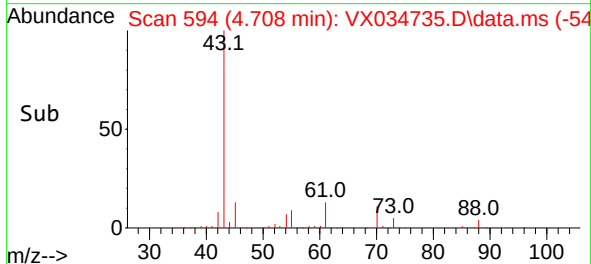
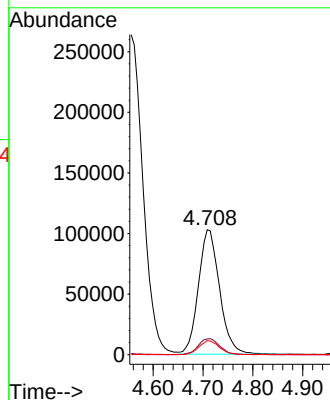
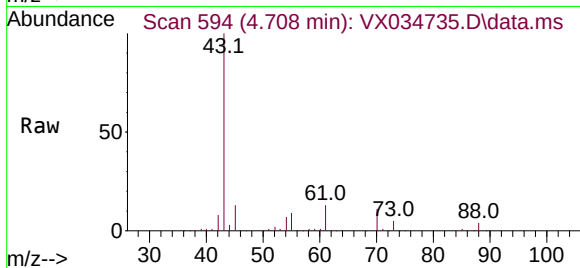
Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.2	15.4
70	10.9	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#38

Carbon Tetrachloride

Concen: 50.231 ug/l

RT: 5.678 min Scan# 753

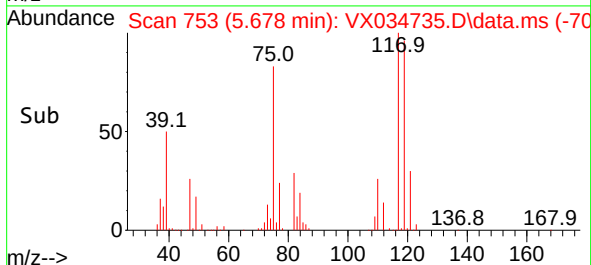
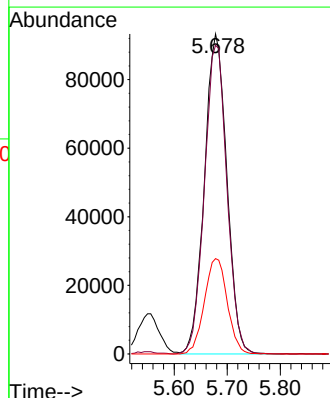
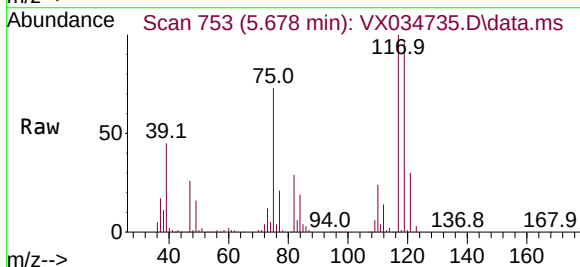
Delta R.T. 0.006 min

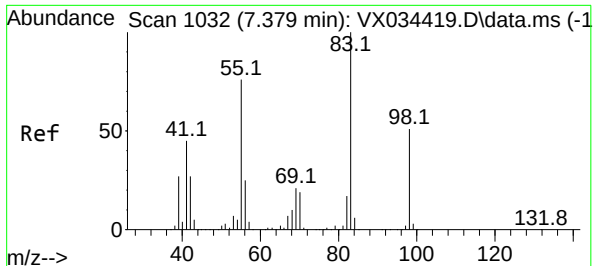
Lab File: VX034735.D

Acq: 24 Mar 2023 20:44

Tgt Ion:117 Resp: 274394

Ion	Ratio	Lower	Upper
117	100		
119	96.4	76.6	114.8
121	29.8	23.8	35.6





#39

Methylcyclohexane

Concen: 44.471 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX034735.D

Acq: 24 Mar 2023 20:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 29223

Ion Ratio Lower Upper

83 100

55 80.7 60.5 90.7

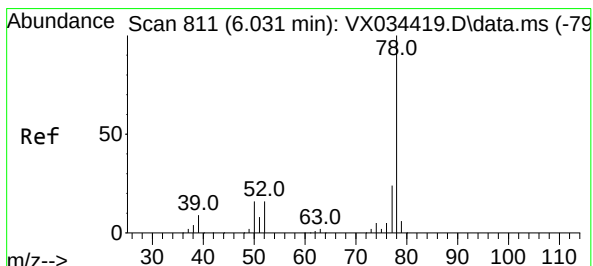
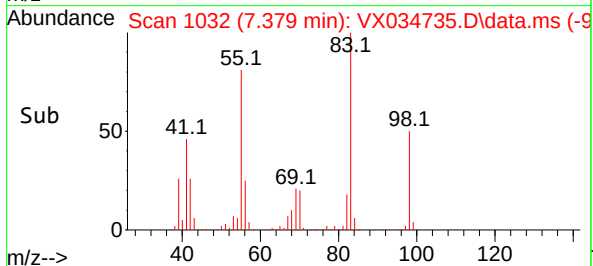
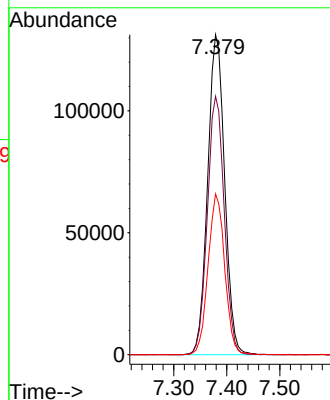
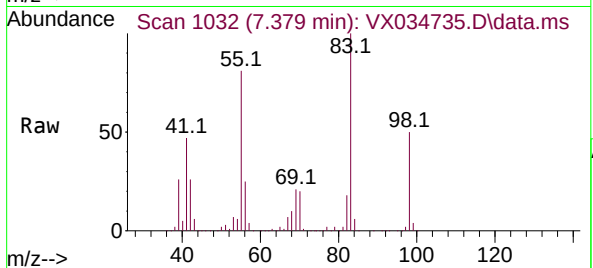
98 50.3 40.4 60.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#40

Benzene

Concen: 48.601 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.006 min

Lab File: VX034735.D

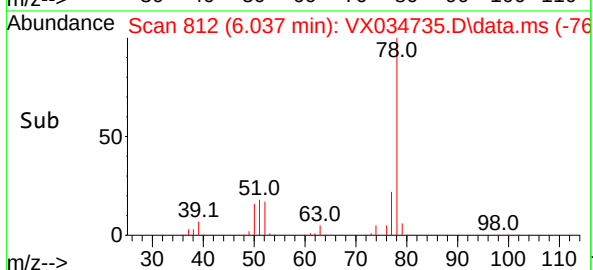
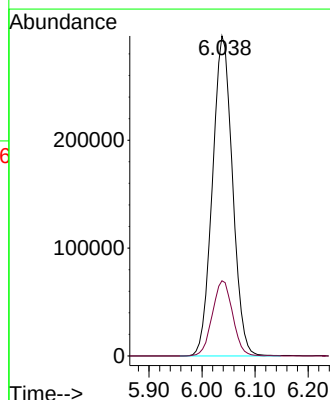
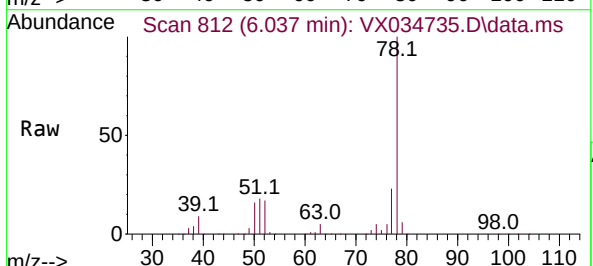
Acq: 24 Mar 2023 20:44

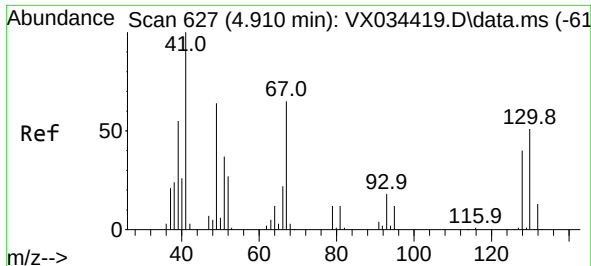
Tgt Ion: 78 Resp: 780709

Ion Ratio Lower Upper

78 100

77 23.5 19.0 28.4





#41
Methacrylonitrile
Concen: 52.195 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX034735.D
Acq: 24 Mar 2023 20:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

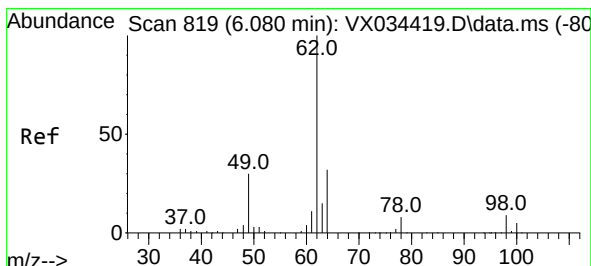
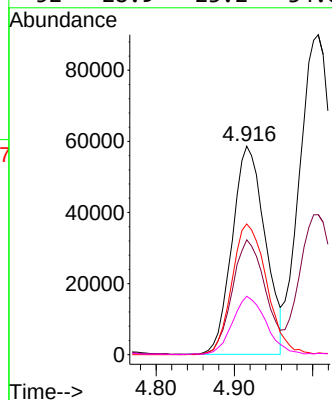
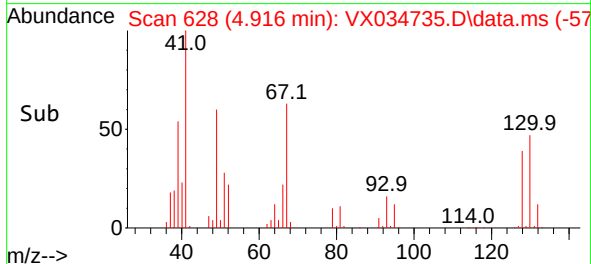
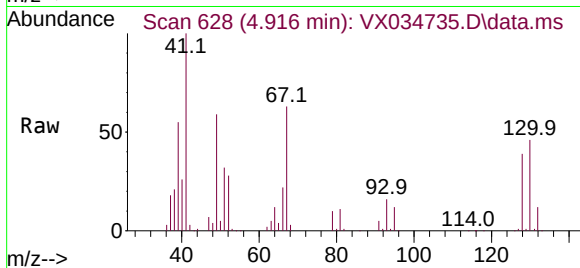
Tgt Ion: 41 Resp: 17159
Ion Ratio Lower Upper
41 100
39 55.1 45.0 67.6
67 66.9 55.6 83.4
52 28.9 23.2 34.8

Manual Integrations

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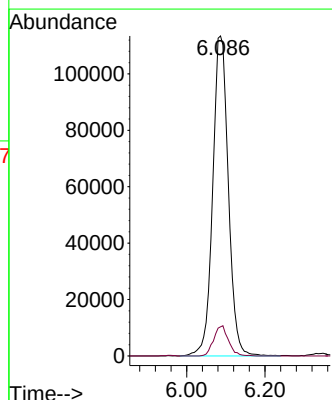
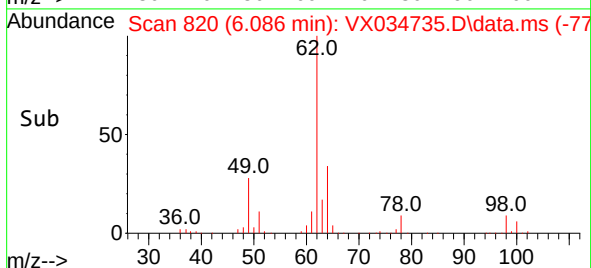
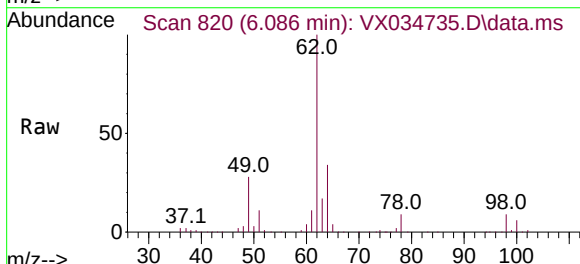
Reviewed By :John Carlone 03/27/2023

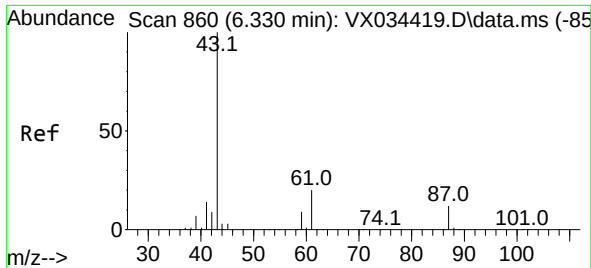
Supervised By :Semsettin Yesilyurt 03/27/2023



#42
1,2-Dichloroethane
Concen: 53.306 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX034735.D
Acq: 24 Mar 2023 20:44

Tgt Ion: 62 Resp: 314698
Ion Ratio Lower Upper
62 100
98 8.9 0.0 18.0





#43

Isopropyl Acetate

Concen: 50.715 ug/l

RT: 6.336 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX034735.D

Acq: 24 Mar 2023 20:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 515390

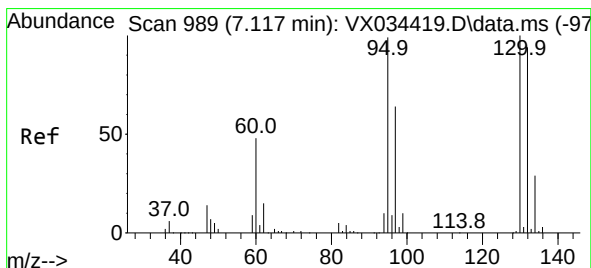
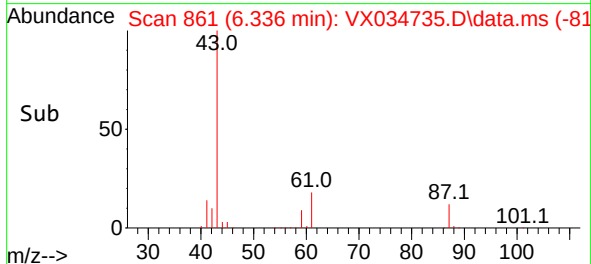
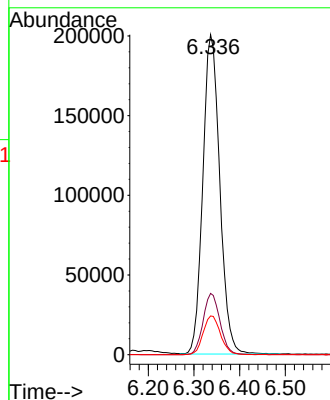
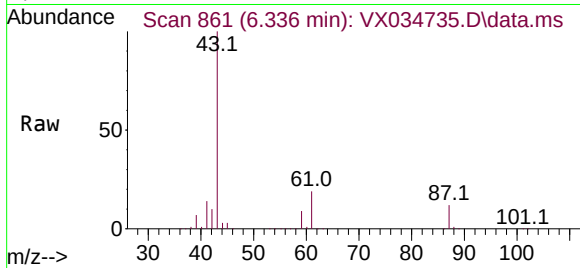
Ion	Ratio	Lower	Upper
43	100		
61	19.1	15.2	22.8
87	12.4	9.8	14.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#44

Trichloroethene

Concen: 48.284 ug/l

RT: 7.123 min Scan# 990

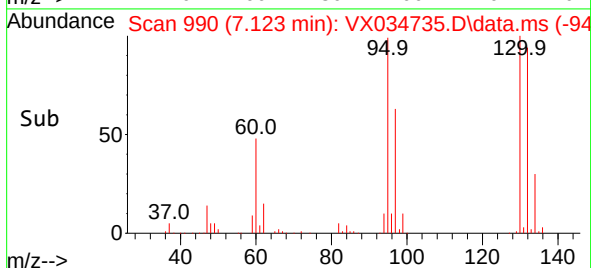
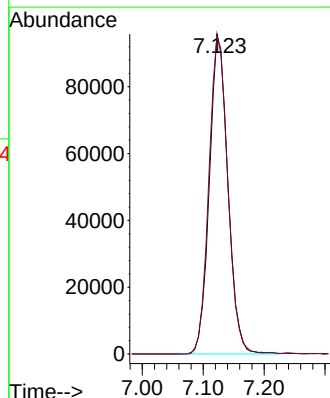
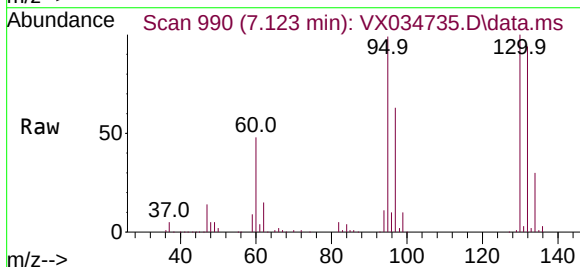
Delta R.T. 0.006 min

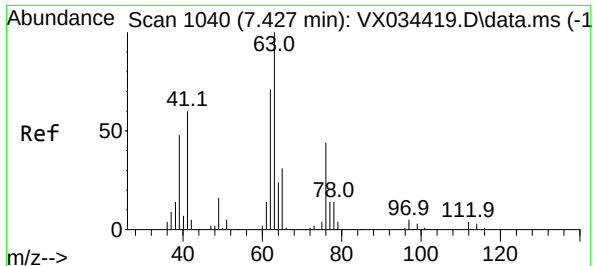
Lab File: VX034735.D

Acq: 24 Mar 2023 20:44

Tgt Ion:130 Resp: 201525

Ion	Ratio	Lower	Upper
130	100		
95	99.3	0.0	198.4





#45

1,2-Dichloropropane

Concen: 49.833 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX034735.D

Acq: 24 Mar 2023 20:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 20901

Ion Ratio Lower Upper

63 100

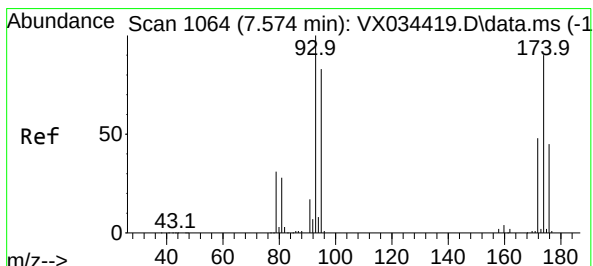
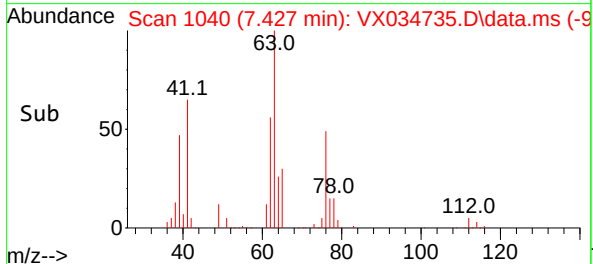
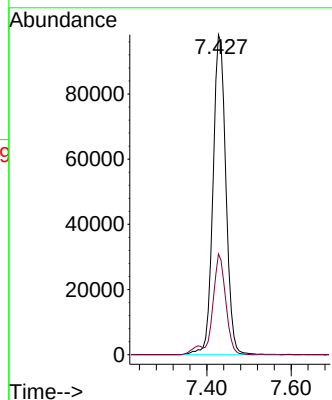
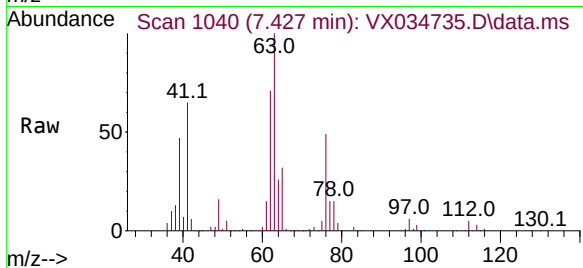
65 31.5 24.6 37.0

Manual Integrations

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Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#46

Dibromomethane

Concen: 50.396 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VX034735.D

Acq: 24 Mar 2023 20:44

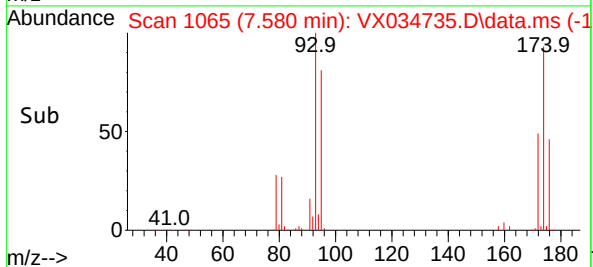
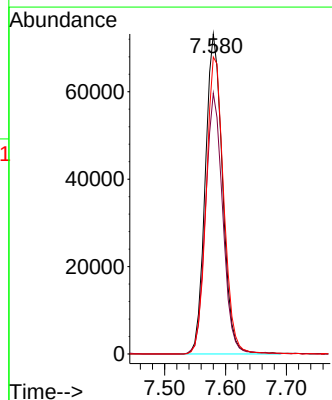
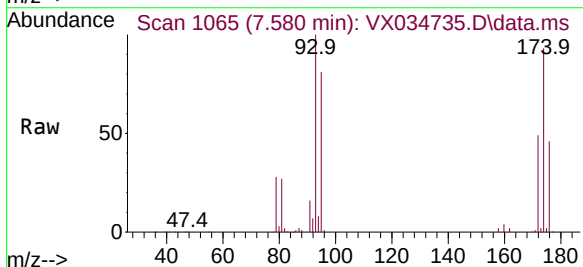
Tgt Ion: 93 Resp: 143703

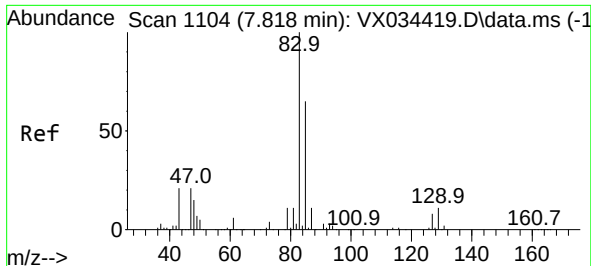
Ion Ratio Lower Upper

93 100

95 81.6 66.9 100.3

174 94.5 75.4 113.0





#47
Bromodichloromethane
Concen: 50.893 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX034735.D
Acq: 24 Mar 2023 20:44

Instrument :

MSVOA_X

ClientSampleId :

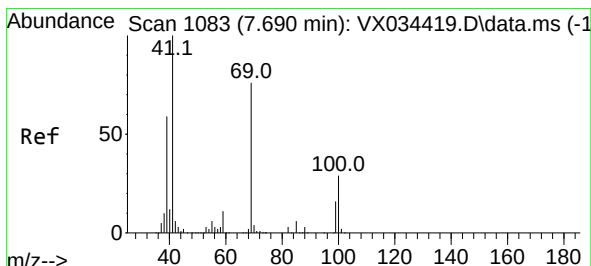
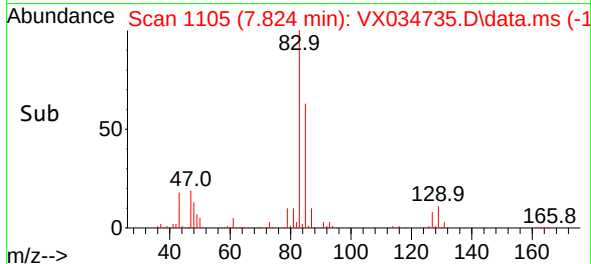
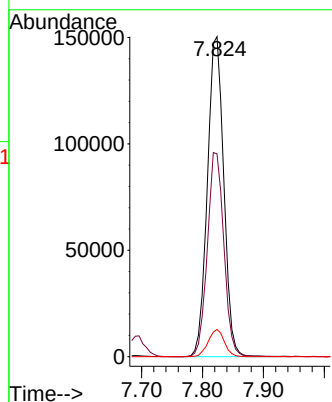
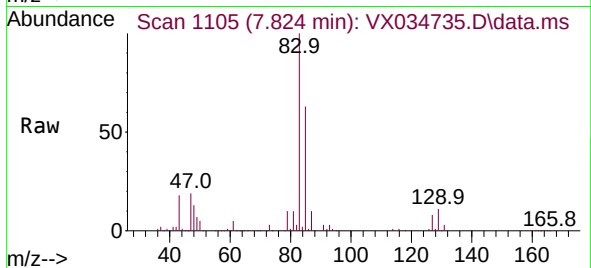
VSTDCCC050EC

Tgt Ion: 83 Resp: 28086
Ion Ratio Lower Upper
83 100
85 63.4 52.2 78.4
127 8.5 6.6 9.8

Manual Integrations

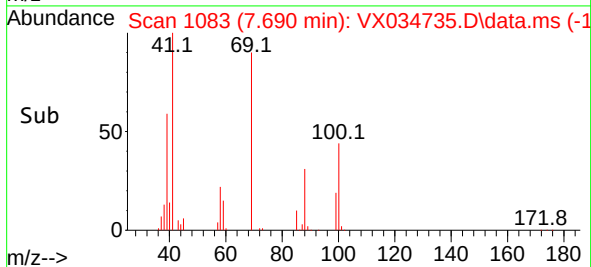
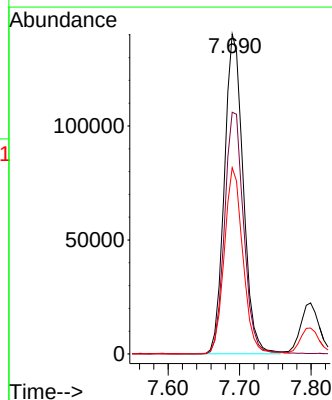
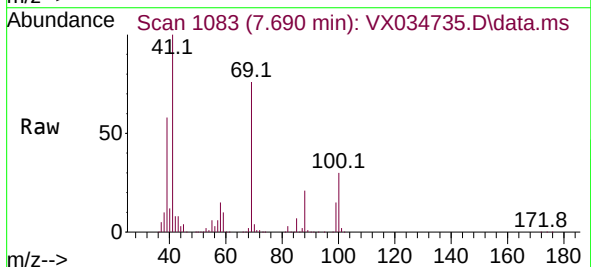
APPROVED

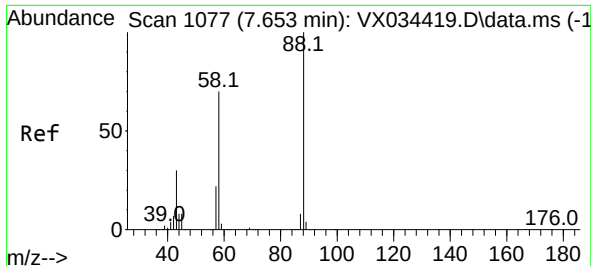
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#48
Methyl methacrylate
Concen: 52.419 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX034735.D
Acq: 24 Mar 2023 20:44

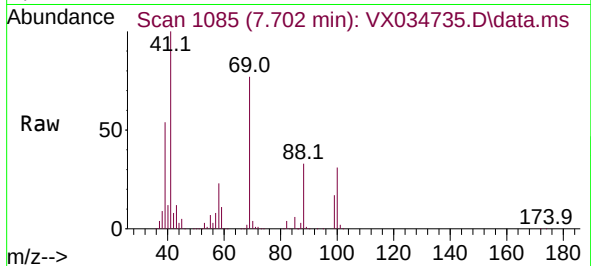
Tgt Ion: 41 Resp: 256205
Ion Ratio Lower Upper
41 100
69 77.2 62.2 93.4
39 57.5 47.7 71.5





#49
1,4-Dioxane
Concen: 997.587 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.049 min
Lab File: VX034735.D
Acq: 24 Mar 2023 20:44

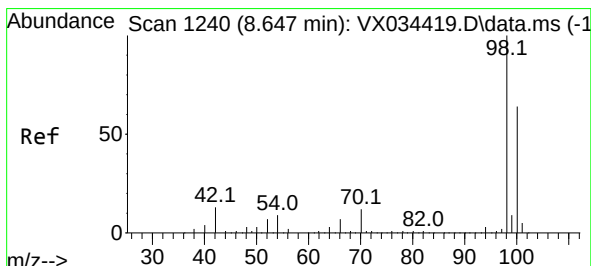
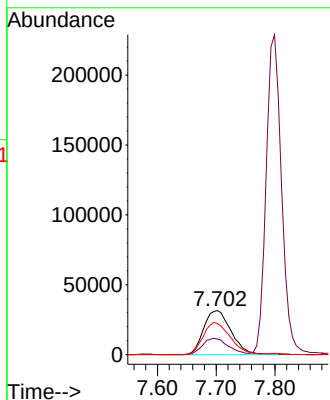
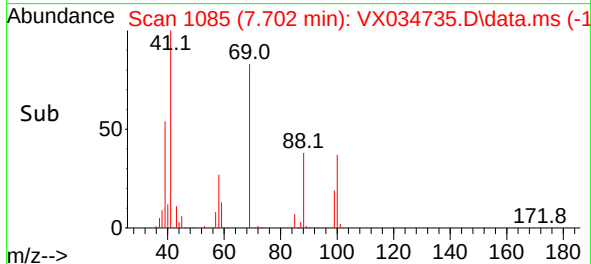
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



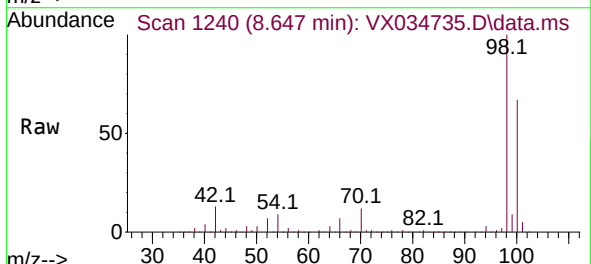
Tgt Ion: 88 Resp: 10241
Ion Ratio Lower Upper
88 100
43 34.5 27.7 41.5
58 71.7 56.8 85.2

Manual Integrations
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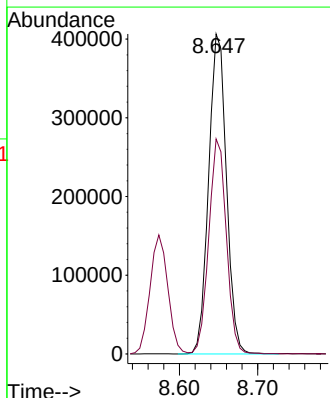
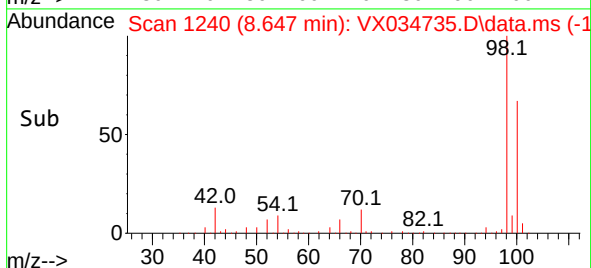
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

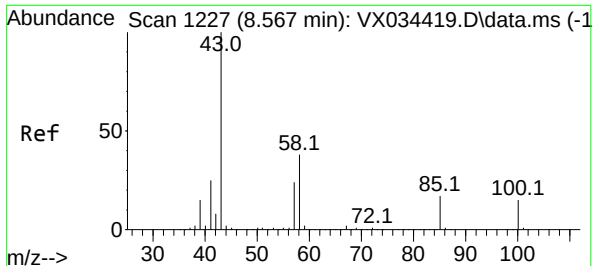


#50
Toluene-d8
Concen: 47.943 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034735.D
Acq: 24 Mar 2023 20:44



Tgt Ion: 98 Resp: 639851
Ion Ratio Lower Upper
98 100
100 66.4 52.5 78.7





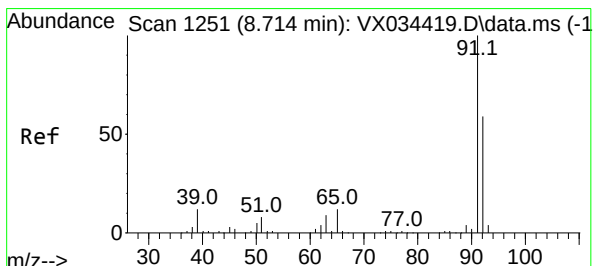
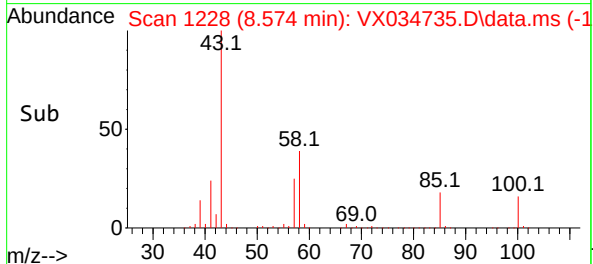
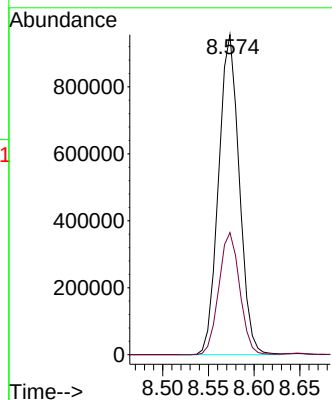
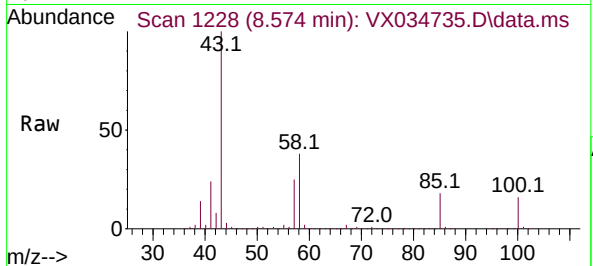
#51
4-Methyl-2-Pentanone
Concen: 255.911 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VX034735.D
Acq: 24 Mar 2023 20:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1508689
Ion Ratio Lower Upper
43 100
58 38.4 30.6 46.0

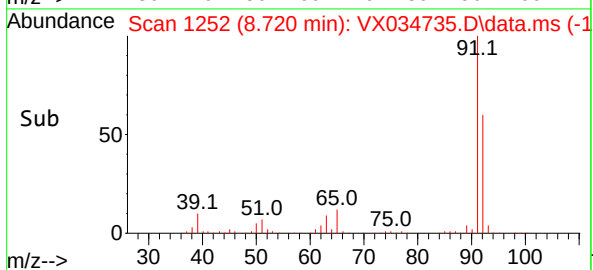
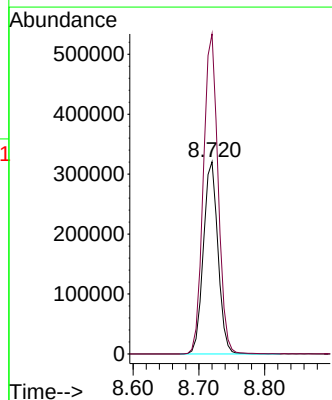
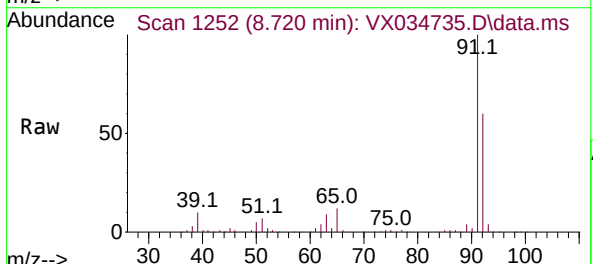
Manual Integrations
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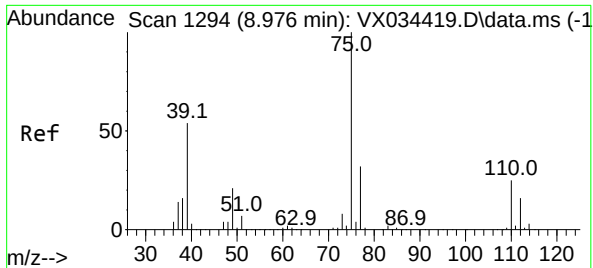
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#52
Toluene
Concen: 49.663 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX034735.D
Acq: 24 Mar 2023 20:44

Tgt Ion: 92 Resp: 493906
Ion Ratio Lower Upper
92 100
91 168.2 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 50.125 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX034735.D

Acq: 24 Mar 2023 20:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 31164

Ion Ratio Lower Upper

75 100

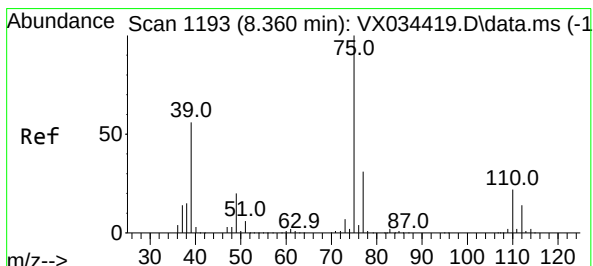
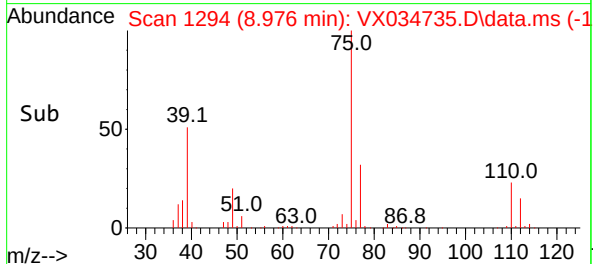
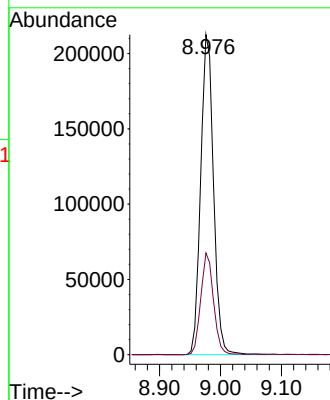
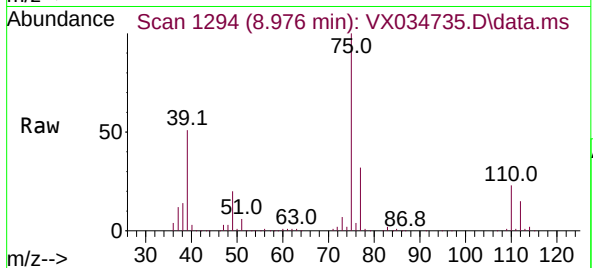
77 31.8 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#54

cis-1,3-Dichloropropene

Concen: 49.267 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX034735.D

Acq: 24 Mar 2023 20:44

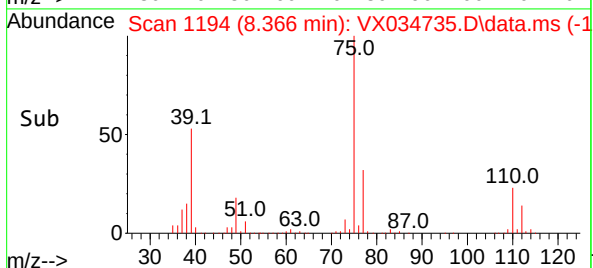
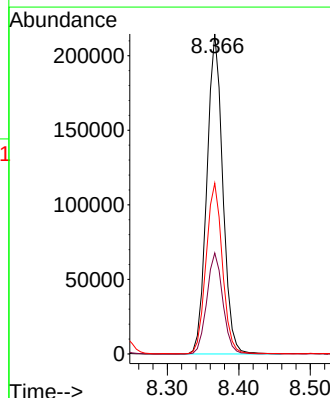
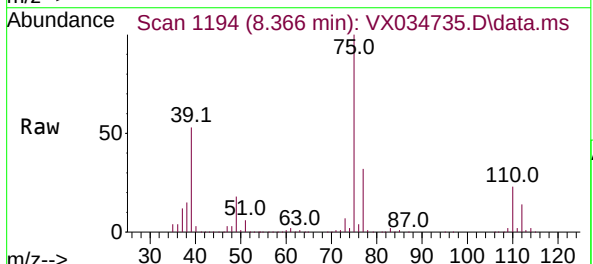
Tgt Ion: 75 Resp: 331395

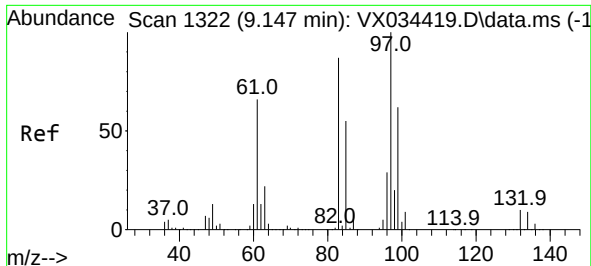
Ion Ratio Lower Upper

75 100

77 31.5 25.0 37.4

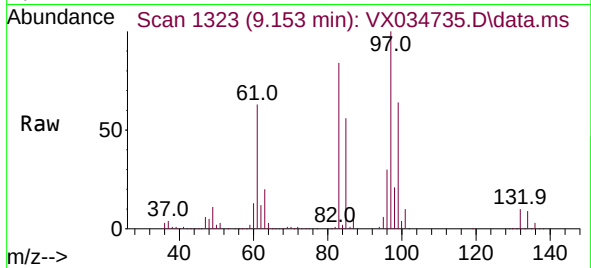
39 53.3 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 51.374 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX034735.D
Acq: 24 Mar 2023 20:44

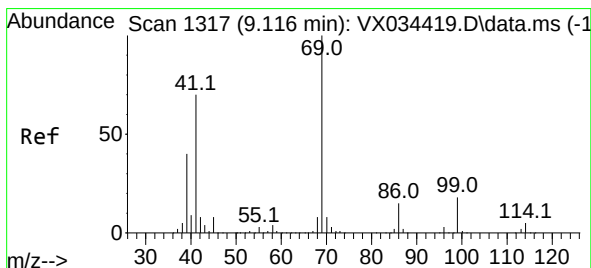
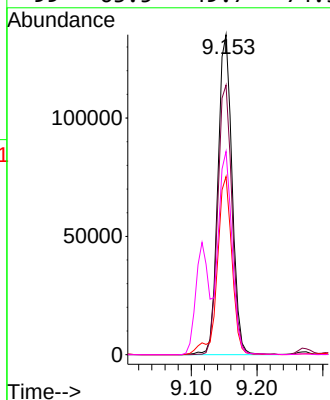
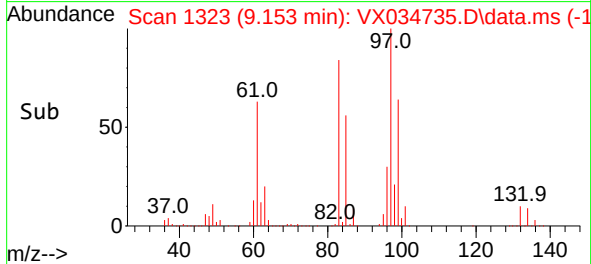
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



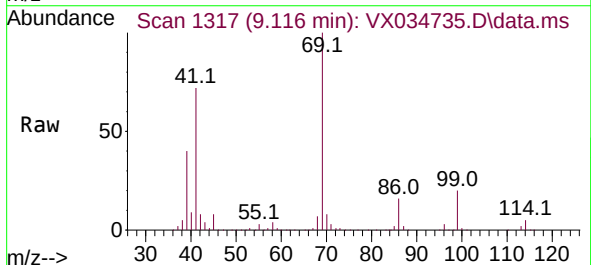
Tgt Ion: 97 Resp: 202760
Ion Ratio Lower Upper
97 100
83 84.2 69.7 104.5
85 55.6 43.7 65.5
99 63.5 49.7 74.5

Manual Integrations
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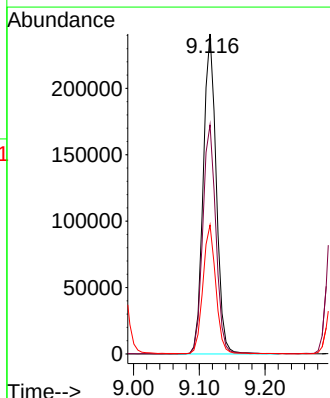
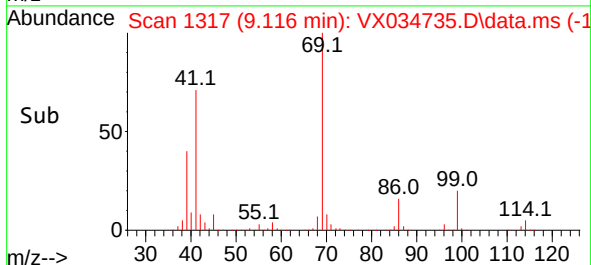
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

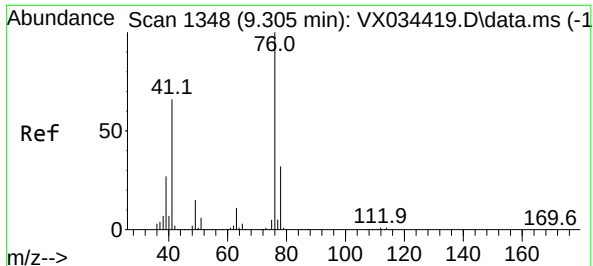


#56
Ethyl methacrylate
Concen: 51.079 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX034735.D
Acq: 24 Mar 2023 20:44



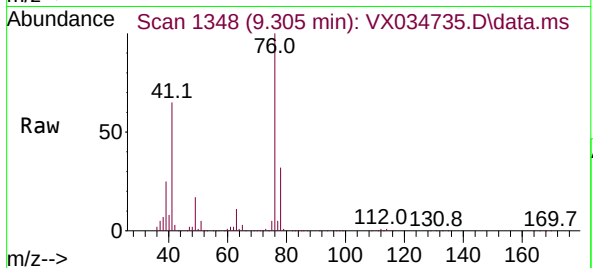
Tgt Ion: 69 Resp: 331008
Ion Ratio Lower Upper
69 100
41 72.2 57.4 86.0
39 39.6 33.7 50.5





#57
1,3-Dichloropropane
Concen: 50.422 ug/l
RT: 9.305 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VX034735.D
Acq: 24 Mar 2023 20:44

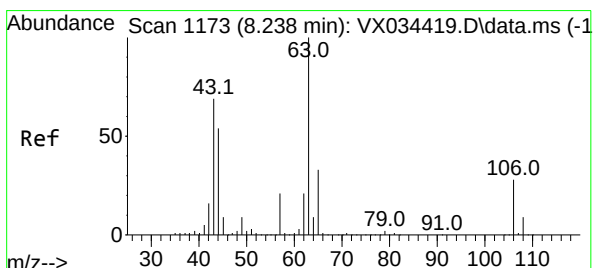
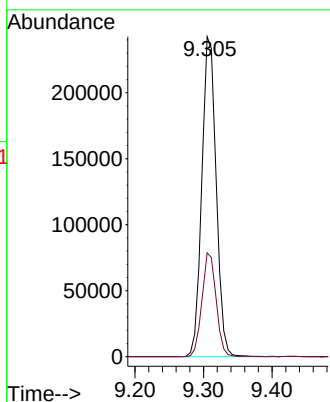
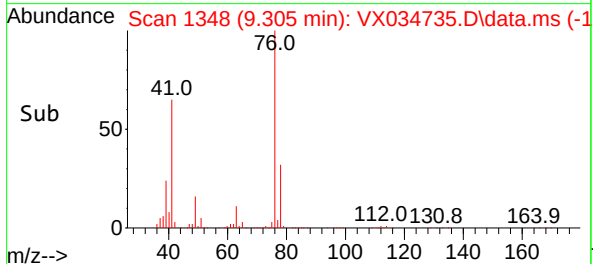
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 353690
Ion Ratio Lower Upper
76 100
78 32.1 25.8 38.8

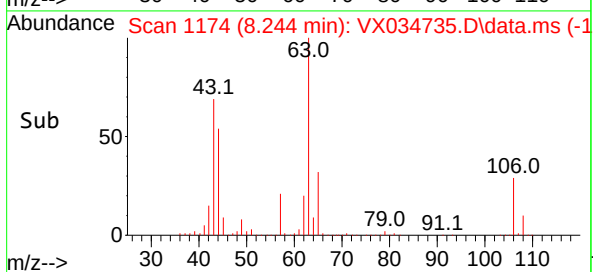
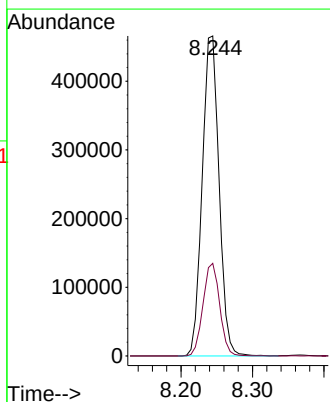
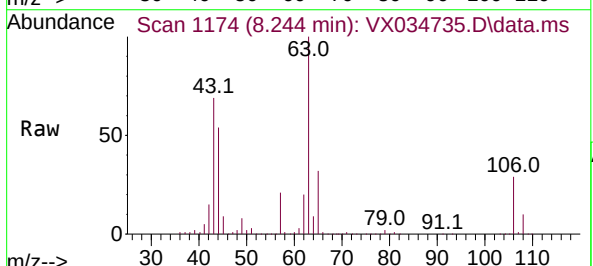
Manual Integrations
APPROVED

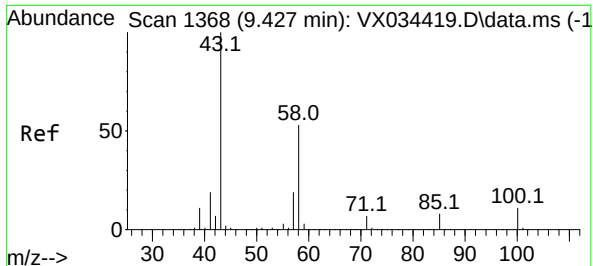
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#58
2-Chloroethyl Vinyl ether
Concen: 228.122 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VX034735.D
Acq: 24 Mar 2023 20:44

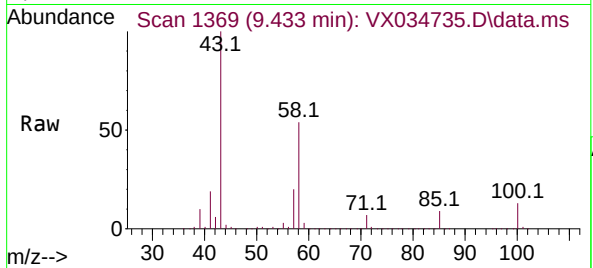
Tgt Ion: 63 Resp: 761851
Ion Ratio Lower Upper
63 100
106 28.7 22.2 33.2





#59
2-Hexanone
Concen: 248.950 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX034735.D
Acq: 24 Mar 2023 20:44

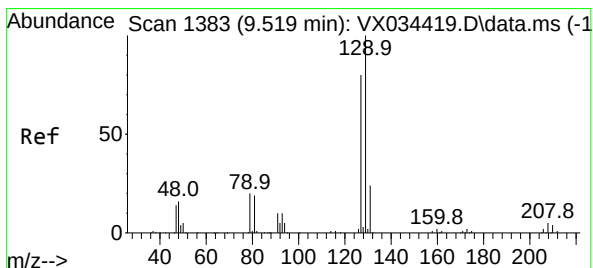
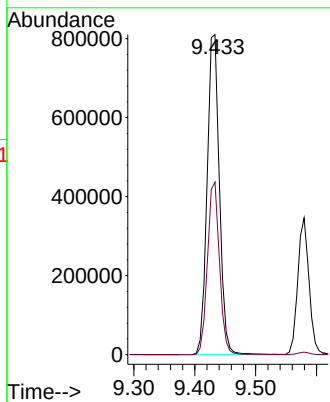
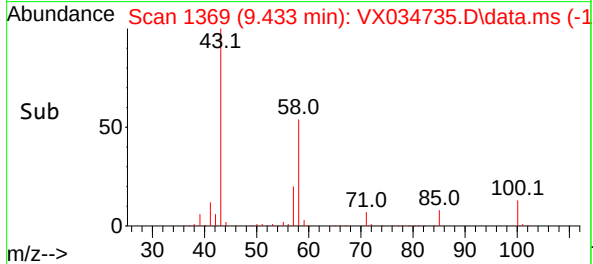
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 1134518
Ion Ratio Lower Upper
43 100
58 53.1 26.3 78.9

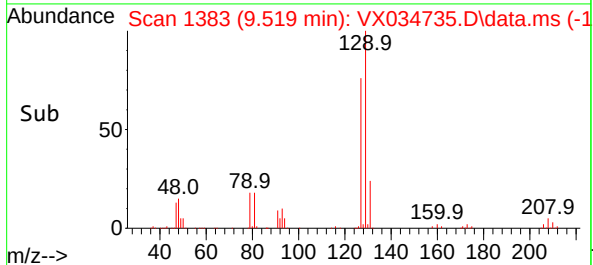
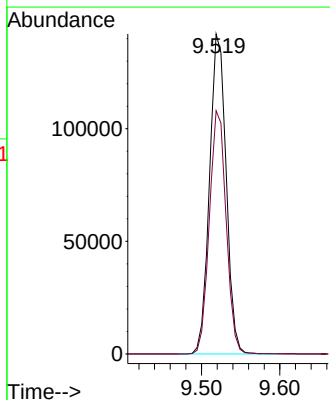
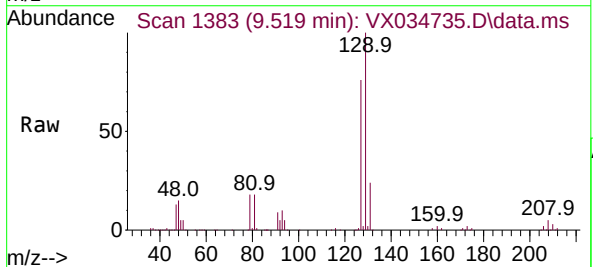
Manual Integrations
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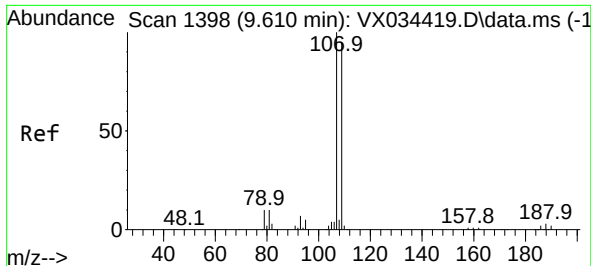
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#60
Dibromochloromethane
Concen: 50.492 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX034735.D
Acq: 24 Mar 2023 20:44

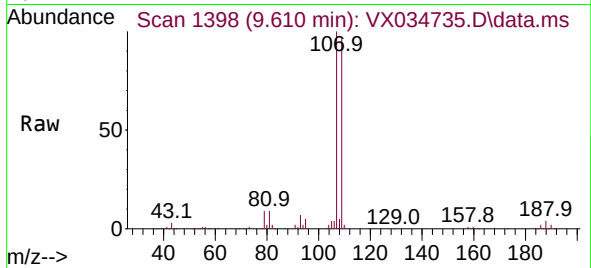
Tgt Ion:129 Resp: 209007
Ion Ratio Lower Upper
129 100
127 76.7 39.0 117.0





#61
1,2-Dibromoethane
Concen: 50.133 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX034735.D
Acq: 24 Mar 2023 20:44

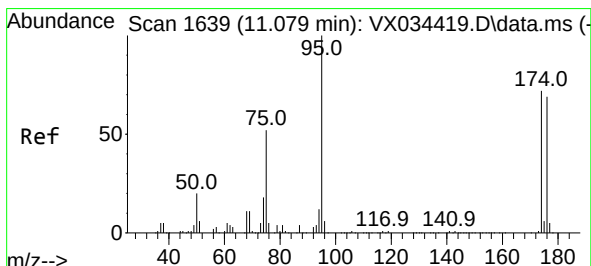
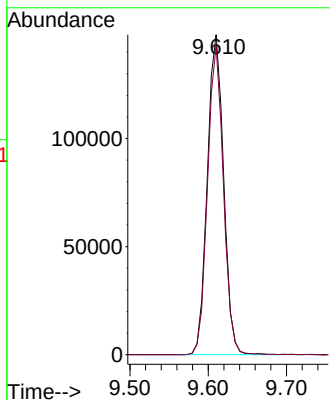
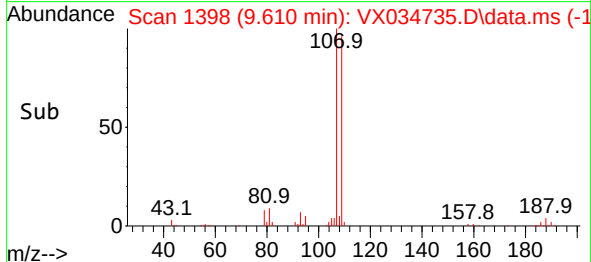
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



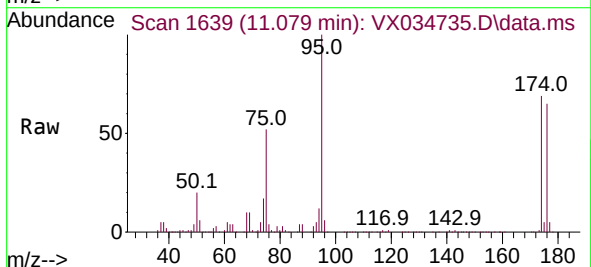
Tgt Ion:107 Resp: 21352
Ion Ratio Lower Upper
107 100
109 94.0 75.3 112.9

Manual Integrations
APPROVED

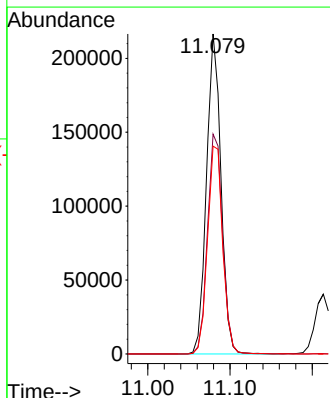
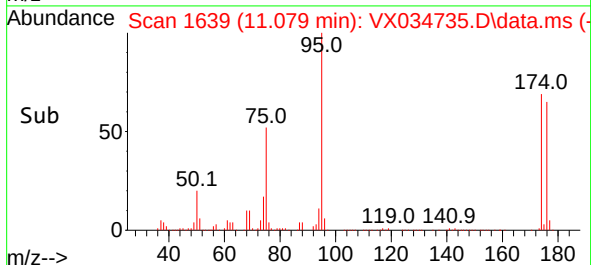
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

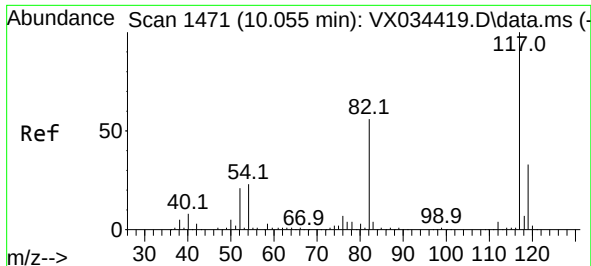


#62
4-Bromofluorobenzene
Concen: 49.040 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034735.D
Acq: 24 Mar 2023 20:44



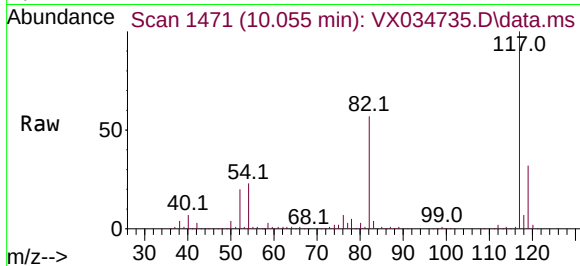
Tgt Ion: 95 Resp: 264362
Ion Ratio Lower Upper
95 100
174 72.0 0.0 147.4
176 68.3 0.0 140.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034735.D
Acq: 24 Mar 2023 20:44

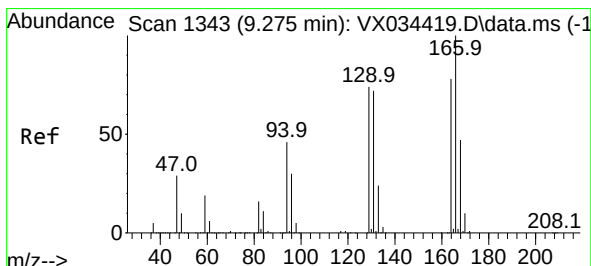
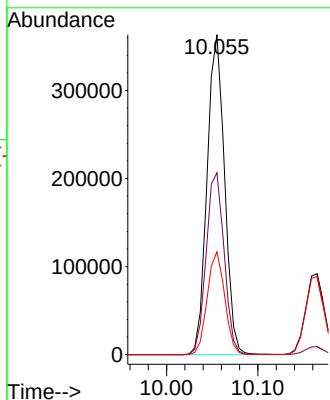
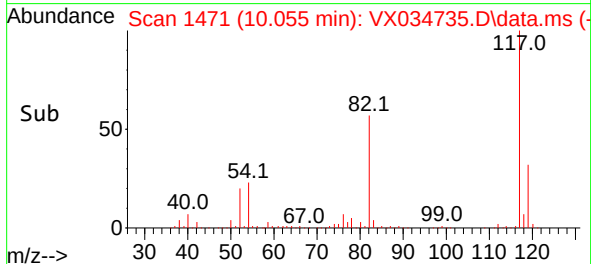
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 48314
Ion Ratio Lower Upper
117 100
82 56.9 45.0 67.4
119 32.1 26.0 39.0

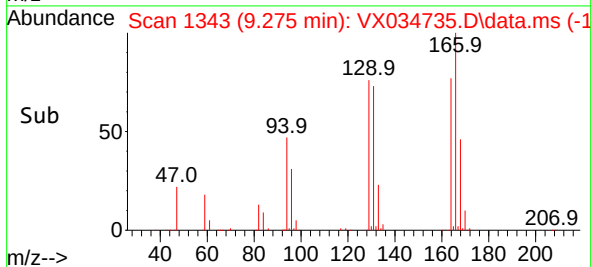
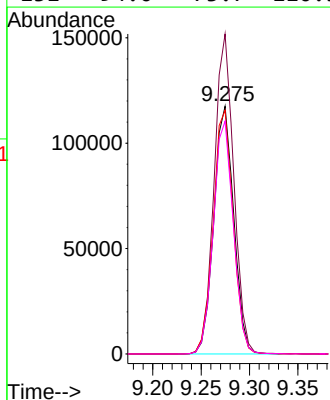
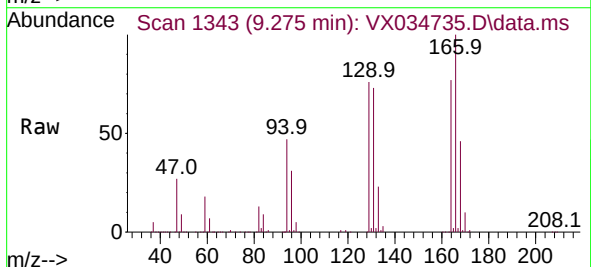
Manual Integrations
APPROVED

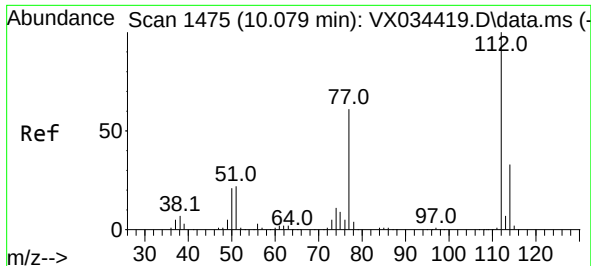
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#64
Tetrachloroethene
Concen: 51.801 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX034735.D
Acq: 24 Mar 2023 20:44

Tgt Ion:164 Resp: 168119
Ion Ratio Lower Upper
164 100
166 129.2 102.7 154.1
129 98.4 75.6 113.4
131 94.0 73.7 110.5





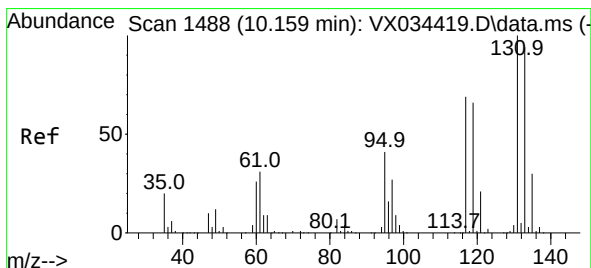
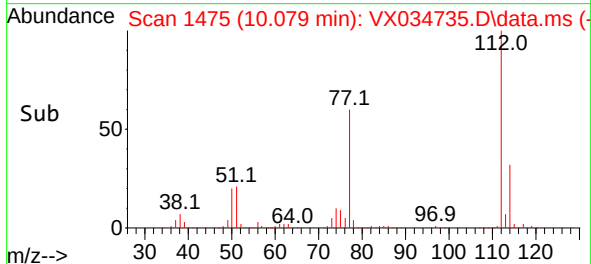
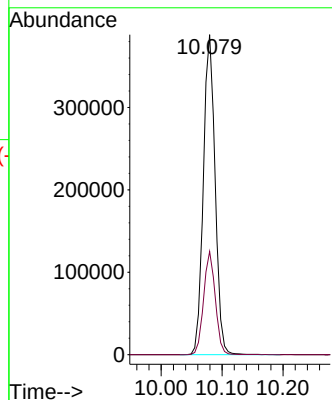
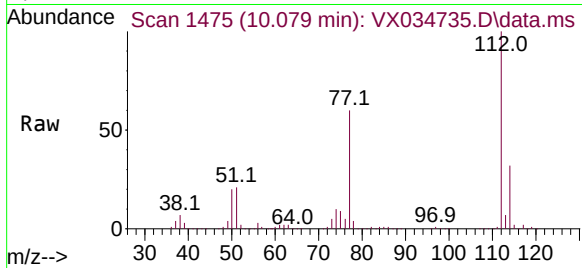
#65
Chlorobenzene
Concen: 49.426 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034735.D
Acq: 24 Mar 2023 20:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 523940
Ion Ratio Lower Upper
112 100
114 32.3 26.2 39.2

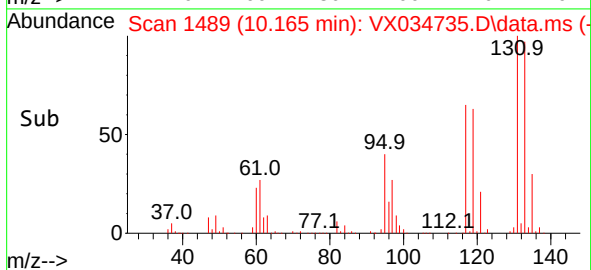
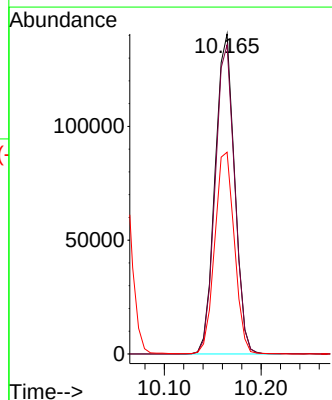
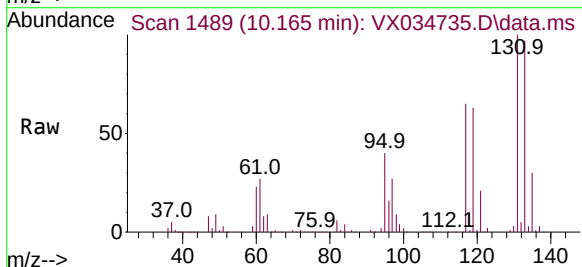
Manual Integrations
APPROVED

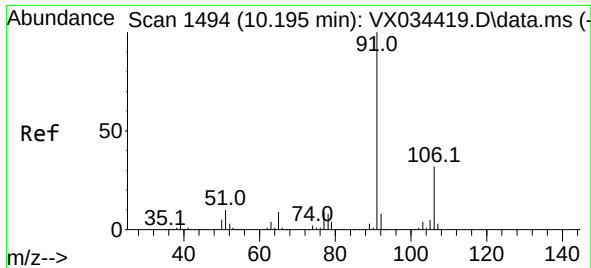
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 50.881 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX034735.D
Acq: 24 Mar 2023 20:44

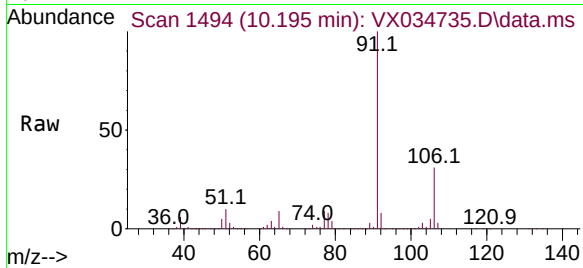
Tgt Ion:131 Resp: 196444
Ion Ratio Lower Upper
131 100
133 96.6 47.1 141.4
119 63.8 32.6 98.0





#67
Ethyl Benzene
Concen: 49.322 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX034735.D
Acq: 24 Mar 2023 20:44

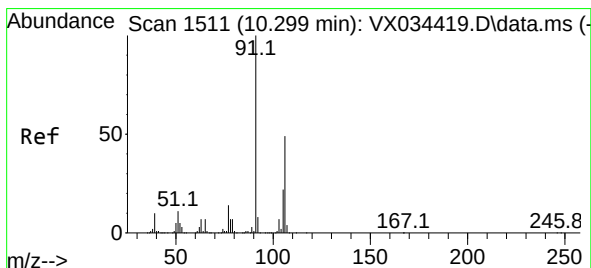
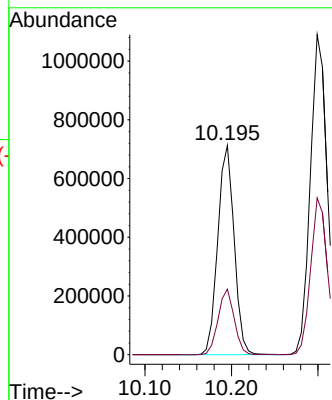
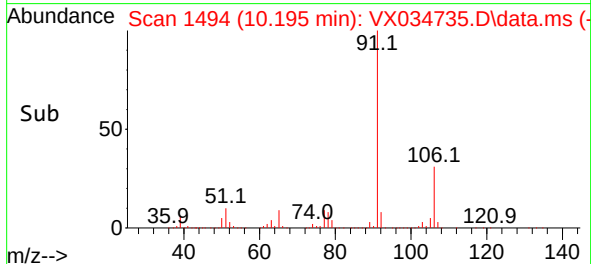
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



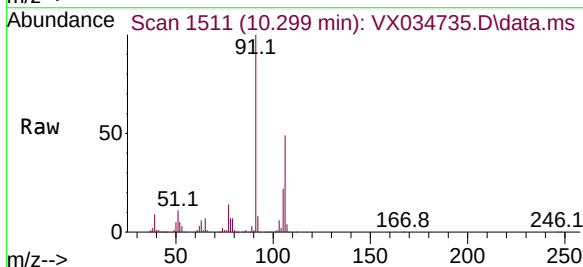
Tgt Ion: 91 Resp: 936000
Ion Ratio Lower Upper
91 100
106 31.4 25.6 38.4

Manual Integrations
APPROVED

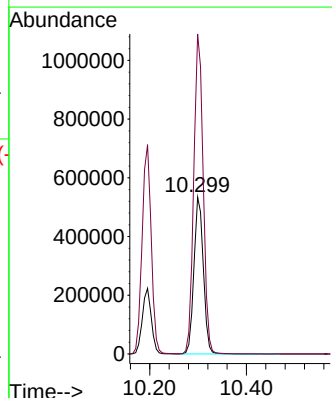
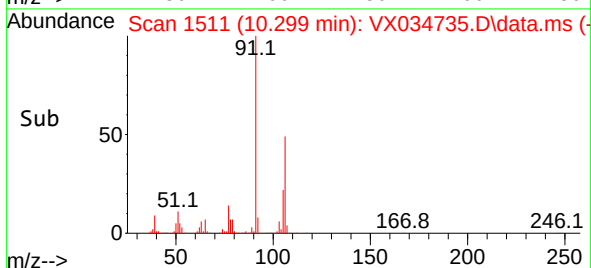
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

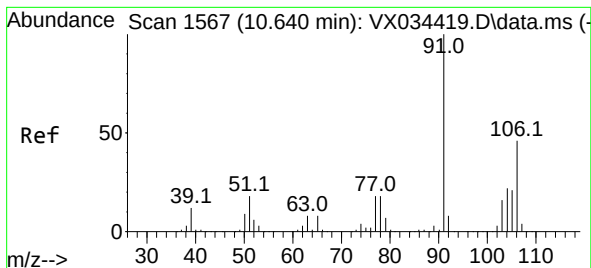


#68
m/p-Xylenes
Concen: 98.628 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX034735.D
Acq: 24 Mar 2023 20:44



Tgt Ion:106 Resp: 719007
Ion Ratio Lower Upper
106 100
91 204.8 164.0 246.0





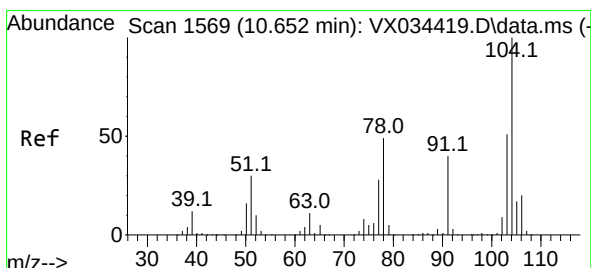
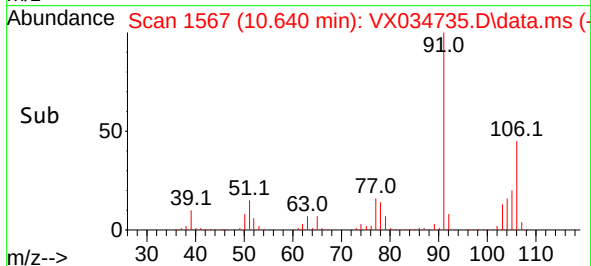
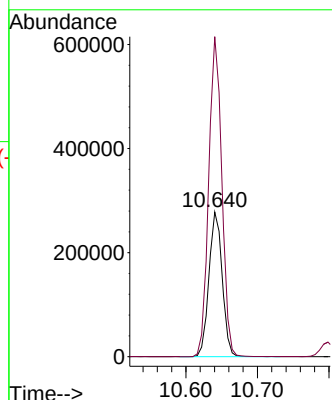
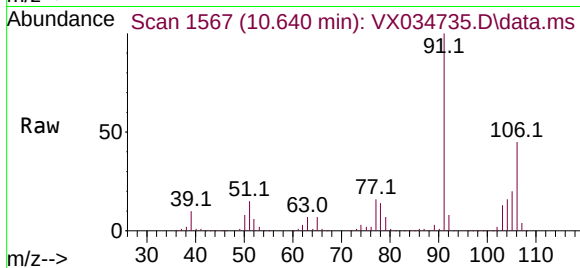
#69
o-Xylene
Concen: 49.025 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX034735.D
Acq: 24 Mar 2023 20:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 358662
Ion Ratio Lower Upper
106 100
91 218.6 108.5 325.3

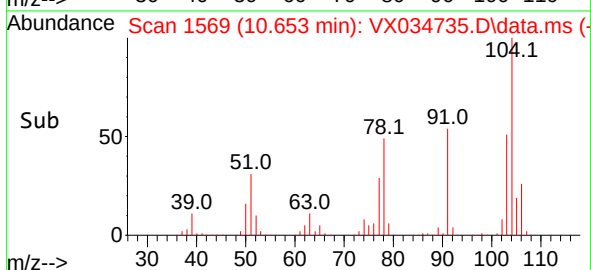
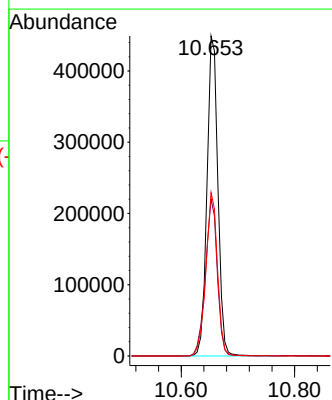
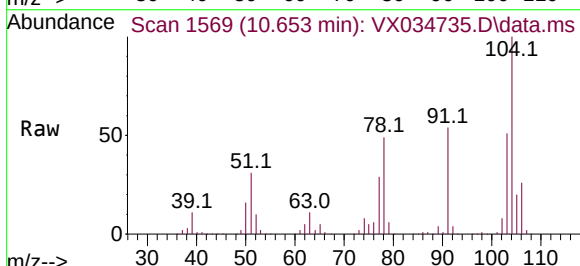
Manual Integrations
APPROVED

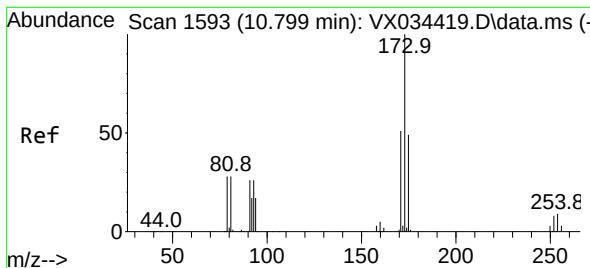
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#70
Styrene
Concen: 50.716 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX034735.D
Acq: 24 Mar 2023 20:44

Tgt Ion:104 Resp: 598622
Ion Ratio Lower Upper
104 100
78 53.5 43.4 65.2
103 54.5 44.2 66.2





#71

Bromoform

Concen: 49.136 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX034735.D

Acq: 24 Mar 2023 20:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 146030

Ion Ratio Lower Upper

173 100

175 48.2 24.1 72.4

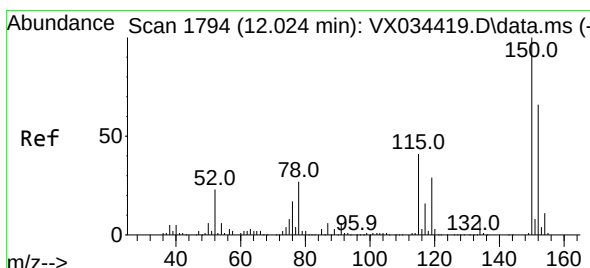
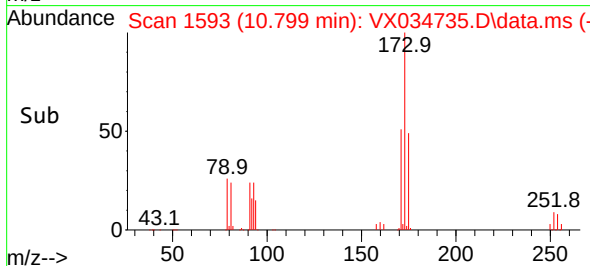
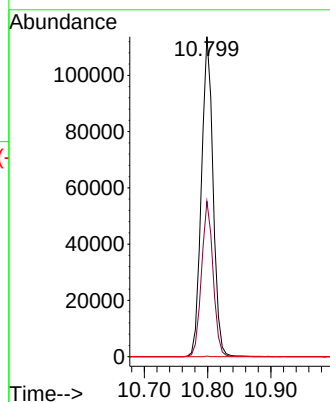
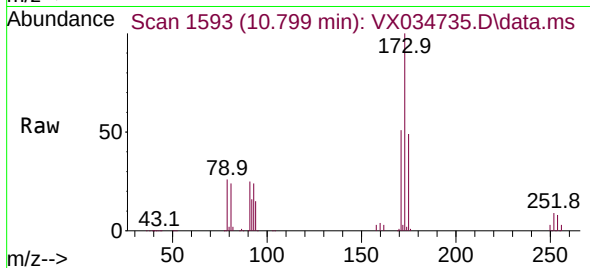
254 0.1 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX034735.D

Acq: 24 Mar 2023 20:44

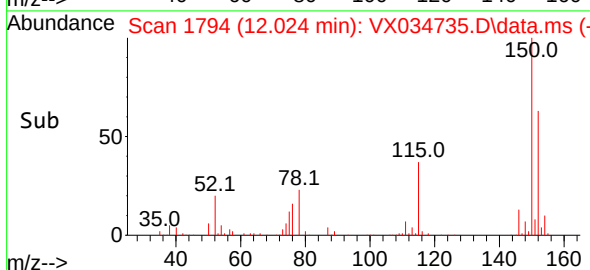
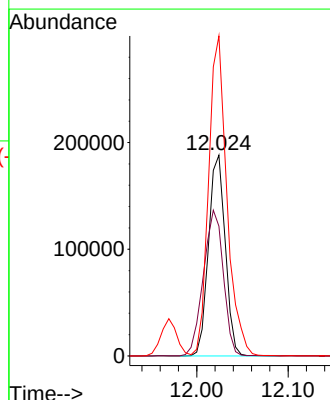
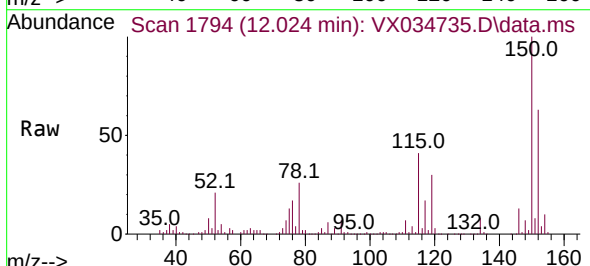
Tgt Ion:152 Resp: 239018

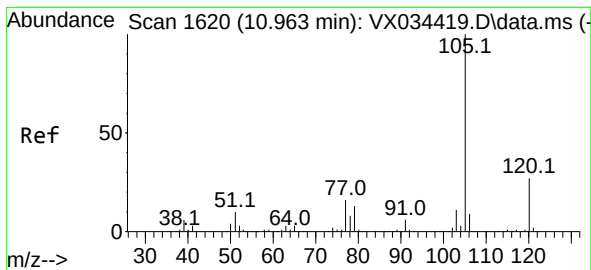
Ion Ratio Lower Upper

152 100

115 86.8 45.0 135.0

150 173.6 0.0 352.4





#73

Isopropylbenzene

Concen: 49.435 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034735.D

Acq: 24 Mar 2023 20:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 91322

Ion Ratio Lower Upper

105 100

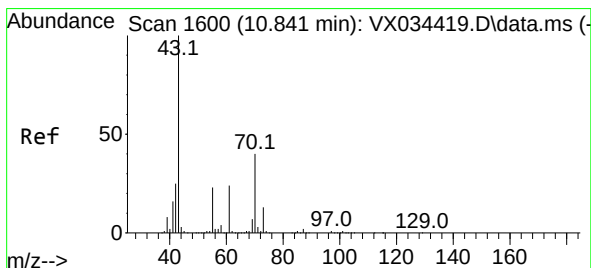
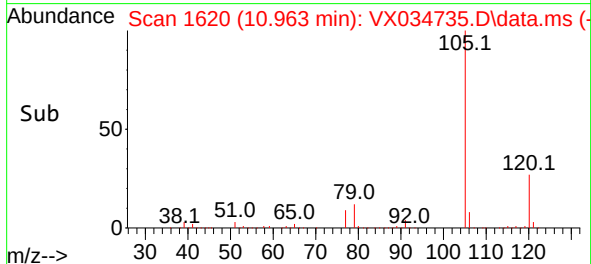
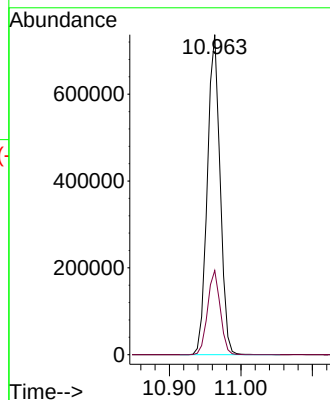
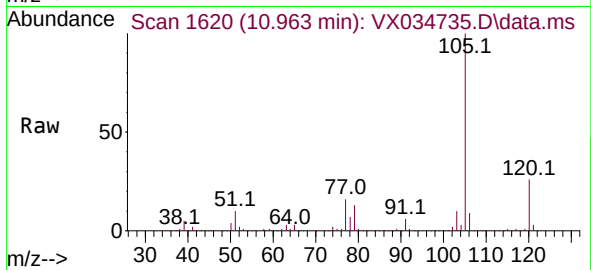
120 26.0 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#74

N-ethyl acetate

Concen: 50.678 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX034735.D

Acq: 24 Mar 2023 20:44

Tgt Ion: 43 Resp: 448400

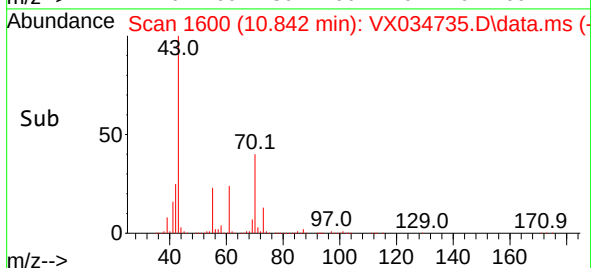
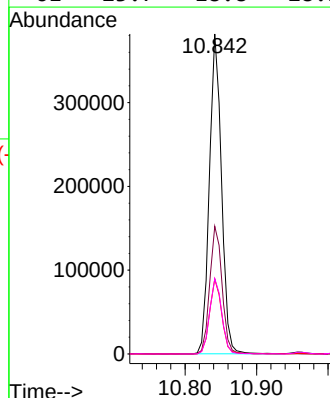
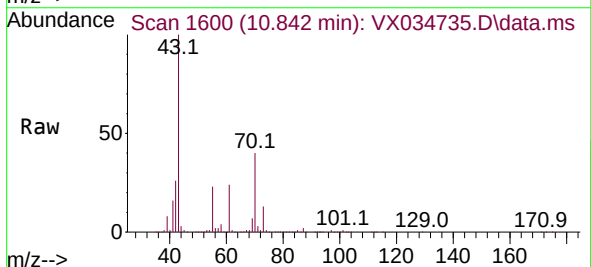
Ion Ratio Lower Upper

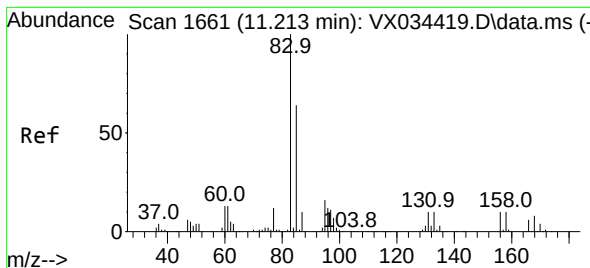
43 100

70 40.9 32.1 48.1

55 23.5 18.3 27.5

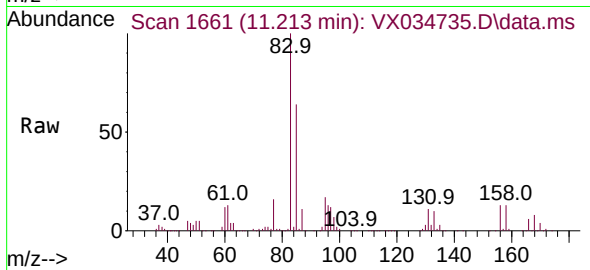
61 23.7 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 49.470 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX034735.D
Acq: 24 Mar 2023 20:44

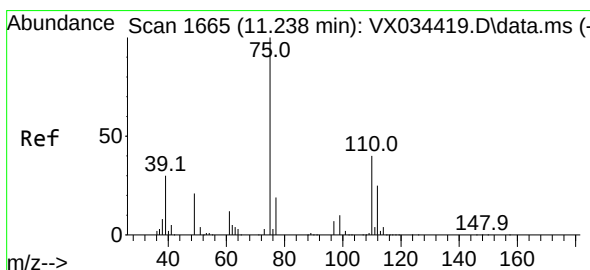
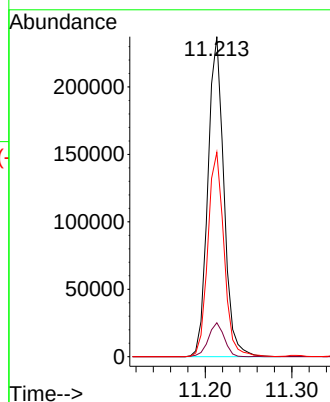
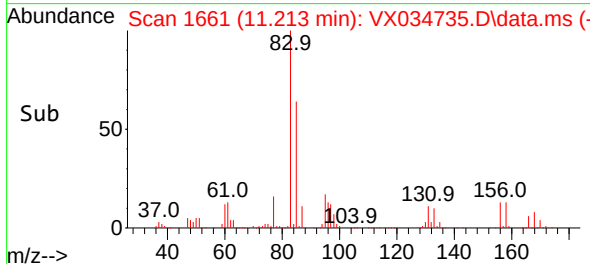
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



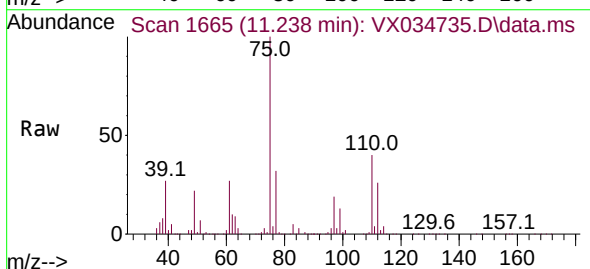
Tgt Ion: 83 Resp: 304950
Ion Ratio Lower Upper
83 100
131 10.5 4.8 14.3
85 64.5 32.0 96.0

Manual Integrations
APPROVED

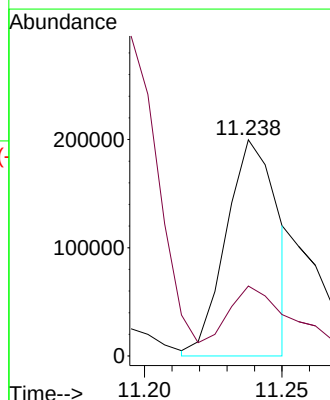
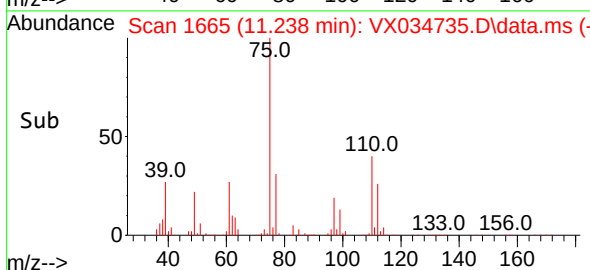
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

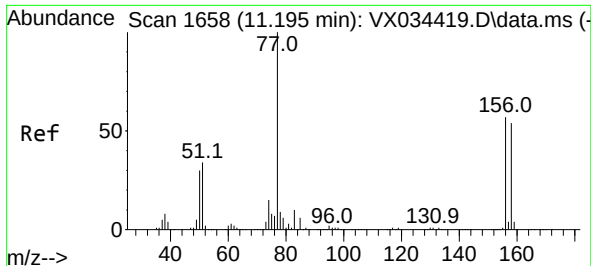


#76
1,2,3-Trichloropropane
Concen: 47.389 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX034735.D
Acq: 24 Mar 2023 20:44



Tgt Ion: 75 Resp: 260077
Ion Ratio Lower Upper
75 100
77 42.8 21.6 64.8





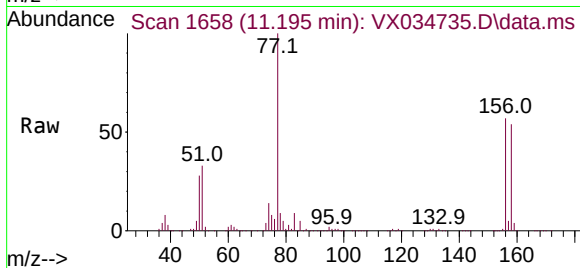
#77
Bromobenzene
Concen: 49.933 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX034735.D
Acq: 24 Mar 2023 20:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



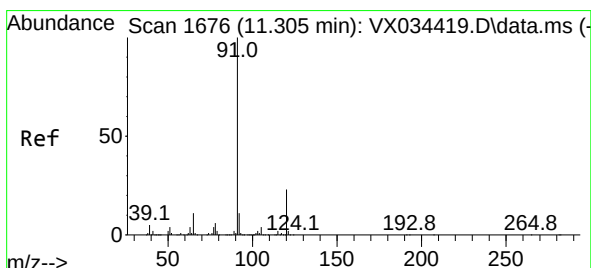
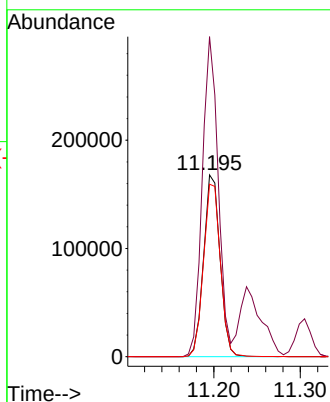
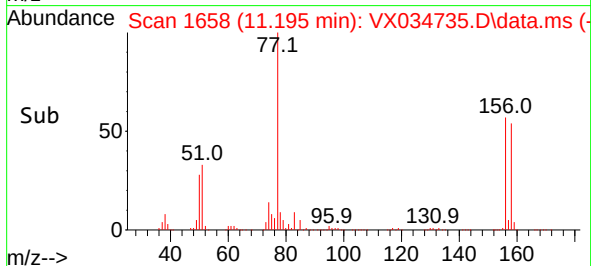
Tgt Ion:156 Resp: 221311
Ion Ratio Lower Upper
156 100
77 170.5 86.7 259.9
158 97.6 48.0 144.0

Manual Integrations

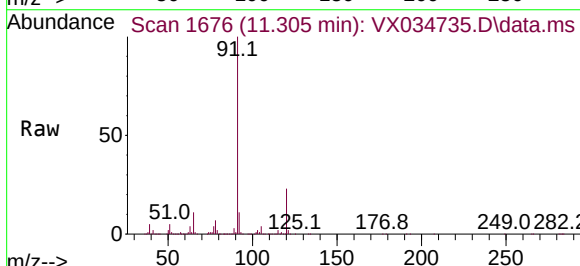
APPROVED

Reviewed By :John Carlone 03/27/2023

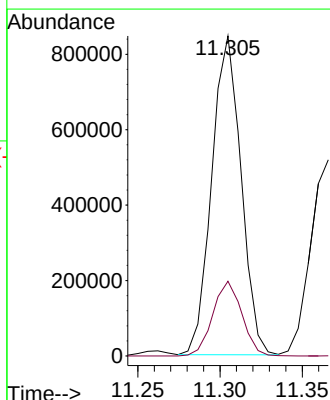
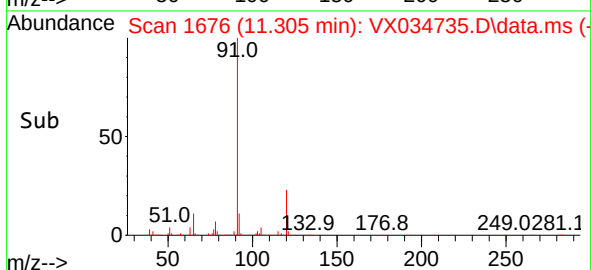
Supervised By :Semsettin Yesilyurt 03/27/2023

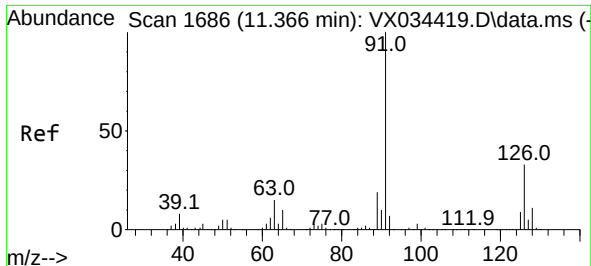


#78
n-propylbenzene
Concen: 49.121 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX034735.D
Acq: 24 Mar 2023 20:44



Tgt Ion: 91 Resp: 1047964
Ion Ratio Lower Upper
91 100
120 23.2 11.5 34.5





#79

2-Chlorotoluene

Concen: 49.591 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034735.D

Acq: 24 Mar 2023 20:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 653410

Ion Ratio Lower Upper

91 100

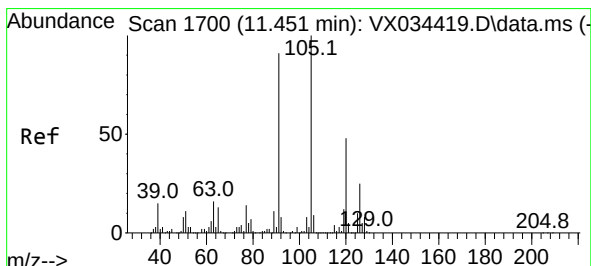
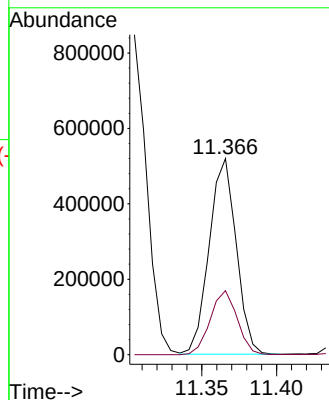
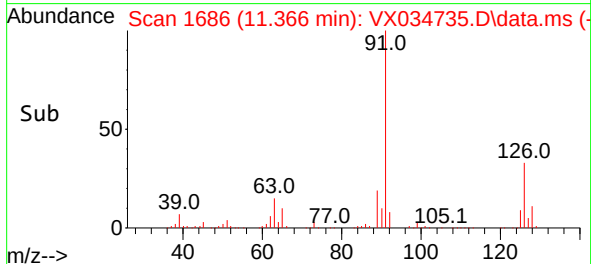
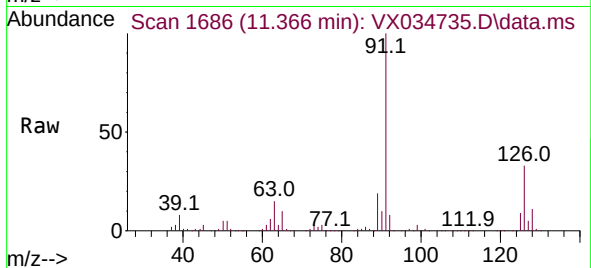
126 32.5 16.3 48.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#80

1,3,5-Trimethylbenzene

Concen: 50.311 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX034735.D

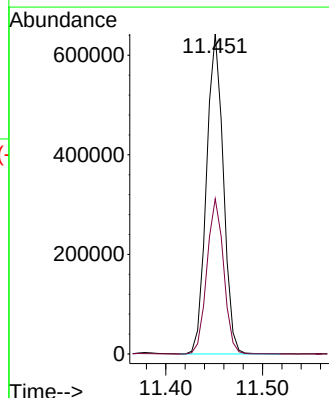
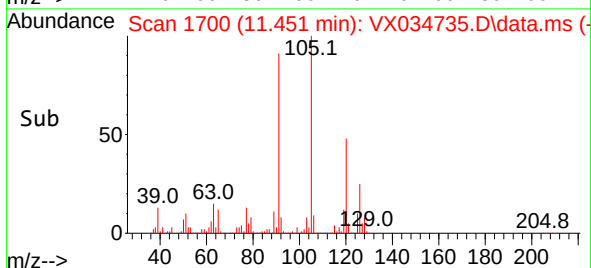
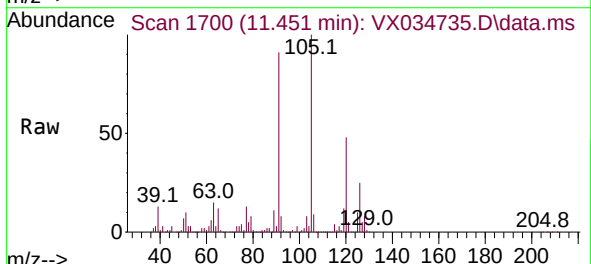
Acq: 24 Mar 2023 20:44

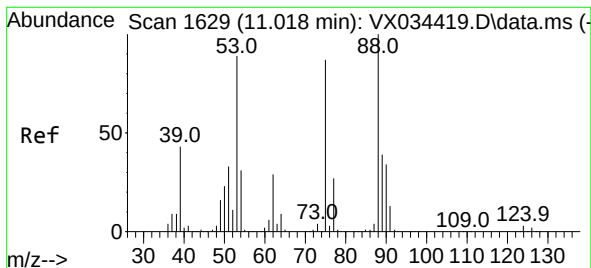
Tgt Ion:105 Resp: 779557

Ion Ratio Lower Upper

105 100

120 48.2 23.7 71.1





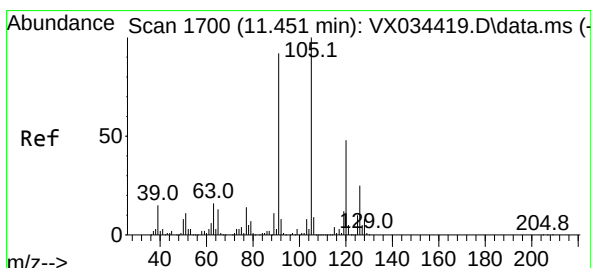
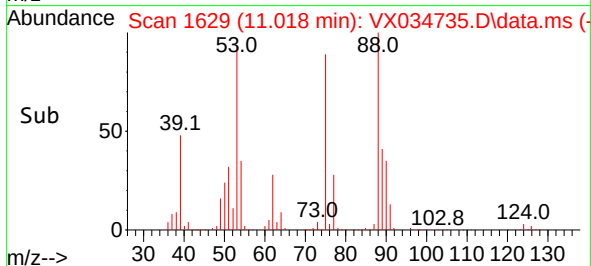
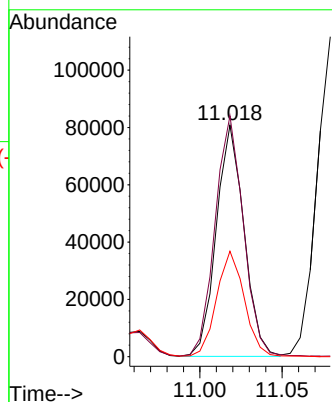
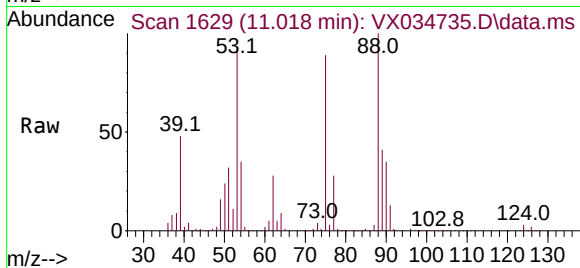
#81
trans-1,4-Dichloro-2-butene
Concen: 46.561 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX034735.D
Acq: 24 Mar 2023 20:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 94450
Ion Ratio Lower Upper
75 100
53 106.0 82.6 124.0
89 45.9 36.9 55.3

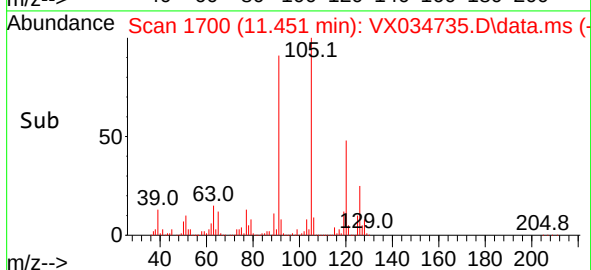
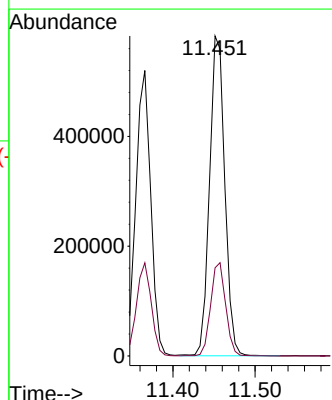
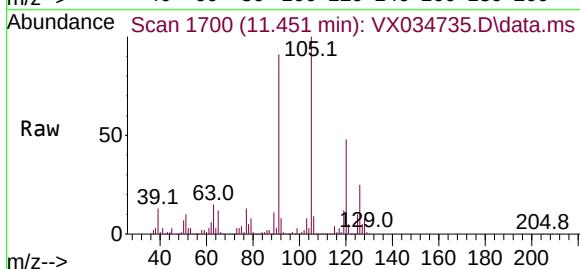
Manual Integrations
APPROVED

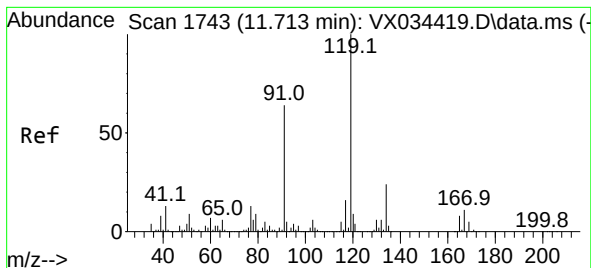
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#82
4-Chlorotoluene
Concen: 49.399 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034735.D
Acq: 24 Mar 2023 20:44

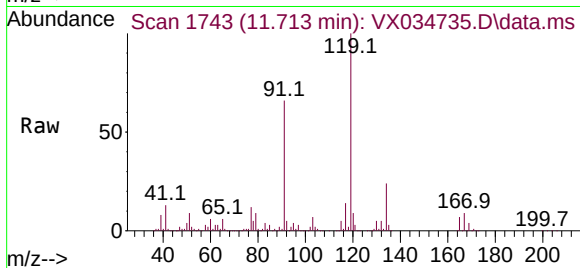
Tgt Ion: 91 Resp: 749721
Ion Ratio Lower Upper
91 100
126 28.7 14.2 42.6





#83
 tert-Butylbenzene
 Concen: 48.665 ug/l
 RT: 11.713 min Scan# 1743
 Delta R.T. 0.000 min
 Lab File: VX034735.D
 Acq: 24 Mar 2023 20:44

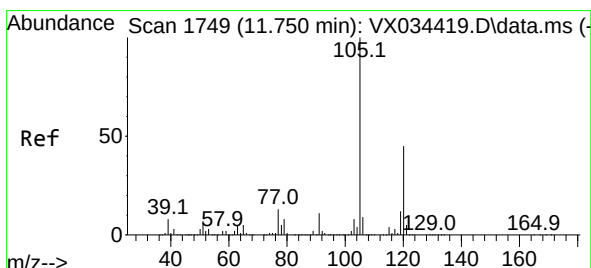
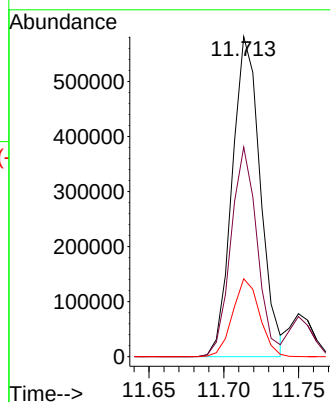
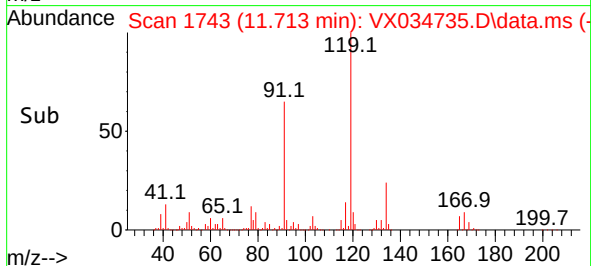
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:119 Resp: 760270
 Ion Ratio Lower Upper
 119 100
 91 61.3 30.6 92.0
 134 23.4 11.8 35.4

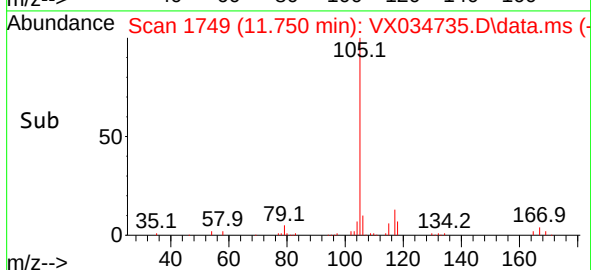
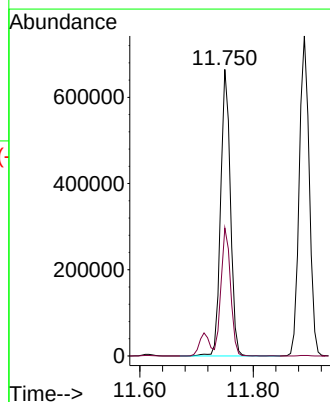
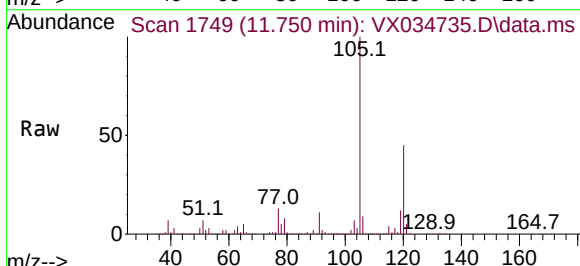
Manual Integrations
 APPROVED

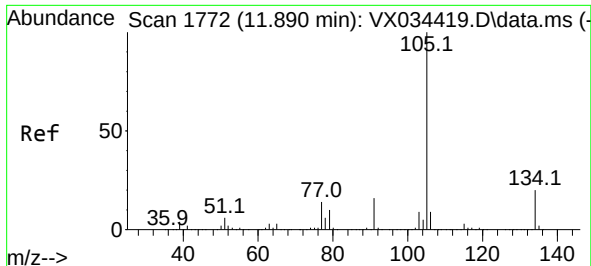
Reviewed By :John Carlone 03/27/2023
 Supervised By :Semsettin Yesilyurt 03/27/2023



#84
 1,2,4-Trimethylbenzene
 Concen: 49.780 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. 0.000 min
 Lab File: VX034735.D
 Acq: 24 Mar 2023 20:44

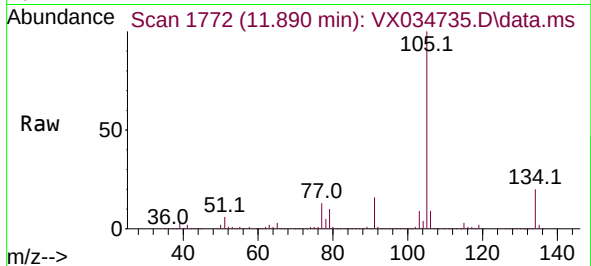
Tgt Ion:105 Resp: 788297
 Ion Ratio Lower Upper
 105 100
 120 43.6 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 47.450 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX034735.D
 Acq: 24 Mar 2023 20:44

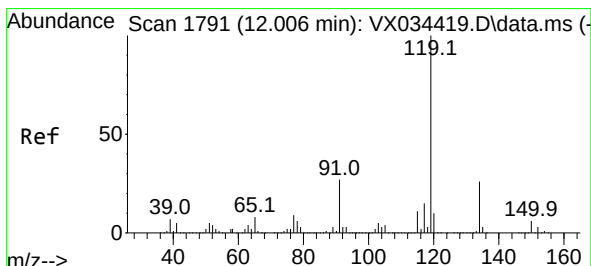
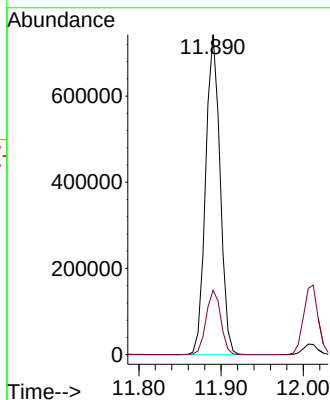
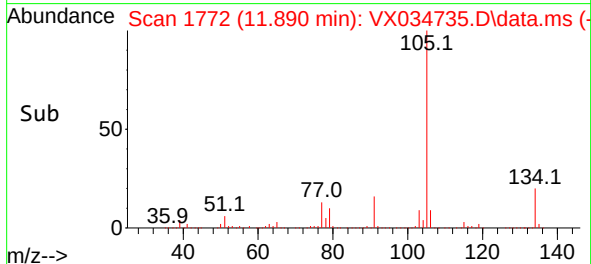
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



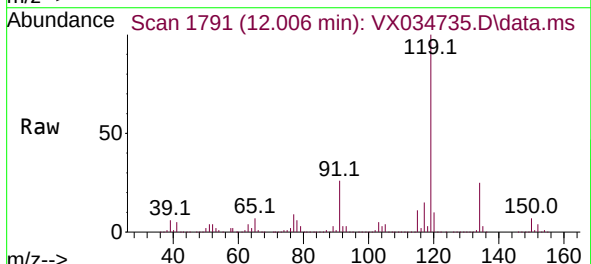
Tgt Ion:105 Resp: 906260
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.2 30.4

Manual Integrations
 APPROVED

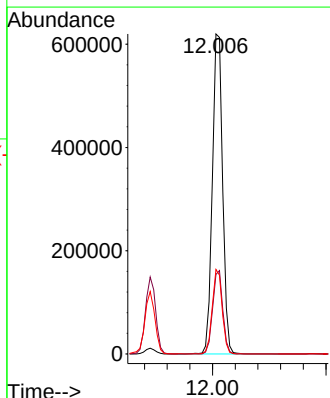
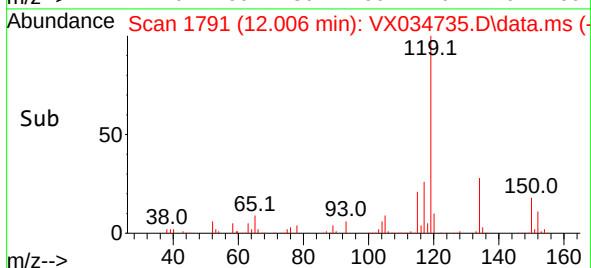
Reviewed By :John Carlone 03/27/2023
 Supervised By :Semsettin Yesilyurt 03/27/2023

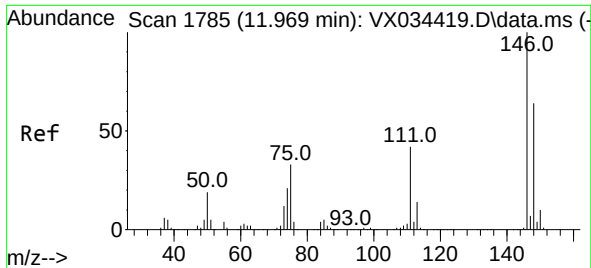


#86
 p-Isopropyltoluene
 Concen: 48.413 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX034735.D
 Acq: 24 Mar 2023 20:44



Tgt Ion:119 Resp: 777120
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.2 39.5
 91 25.5 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 47.457 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX034735.D

Acq: 24 Mar 2023 20:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 41212

Ion Ratio Lower Upper

146 100

111 43.3 20.9 62.8

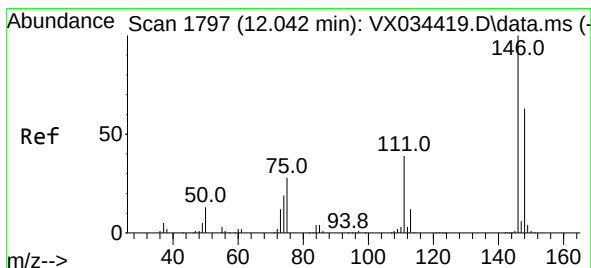
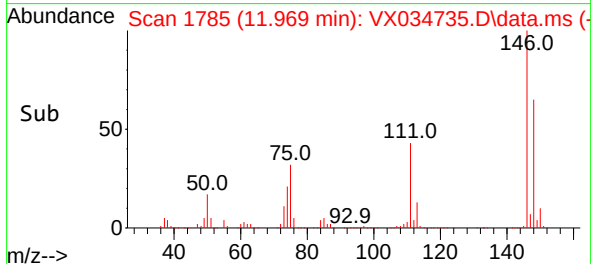
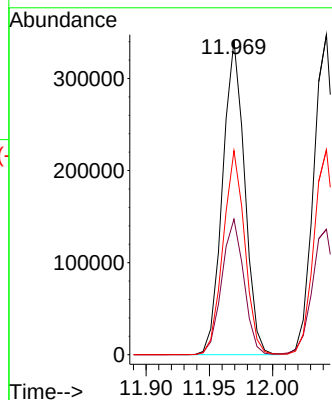
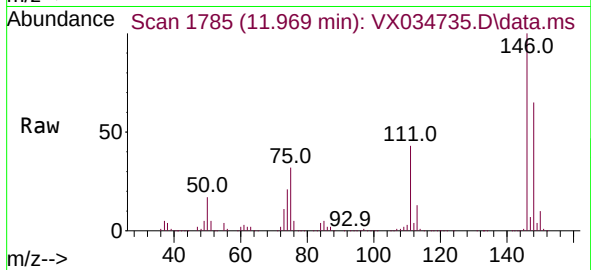
148 63.6 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#88

1,4-Dichlorobenzene

Concen: 47.681 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX034735.D

Acq: 24 Mar 2023 20:44

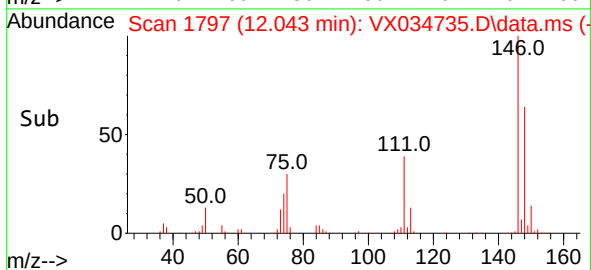
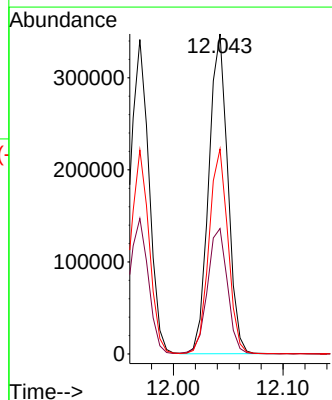
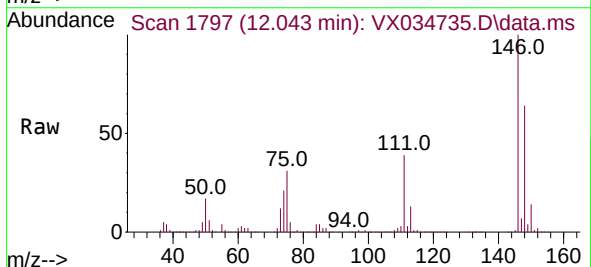
Tgt Ion:146 Resp: 418683

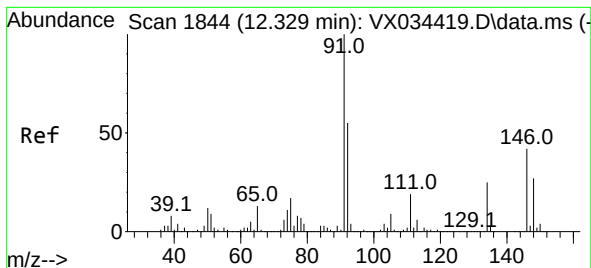
Ion Ratio Lower Upper

146 100

111 41.2 20.6 61.9

148 64.1 31.8 95.4





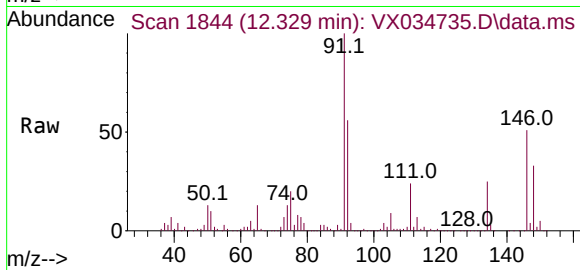
#89
n-Butylbenzene
Concen: 45.800 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX034735.D
Acq: 24 Mar 2023 20:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



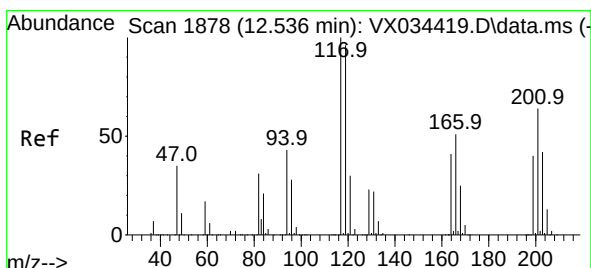
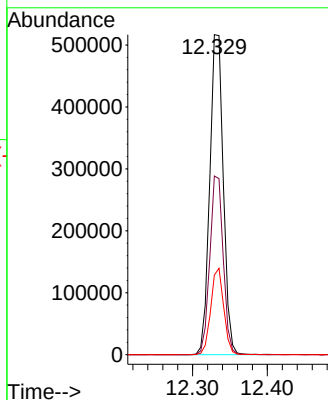
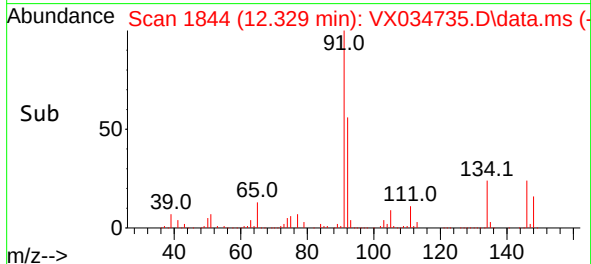
Tgt Ion: 91 Resp: 65356
Ion Ratio Lower Upper
91 100
92 55.2 27.7 83.0
134 25.8 13.0 38.9

Manual Integrations

APPROVED

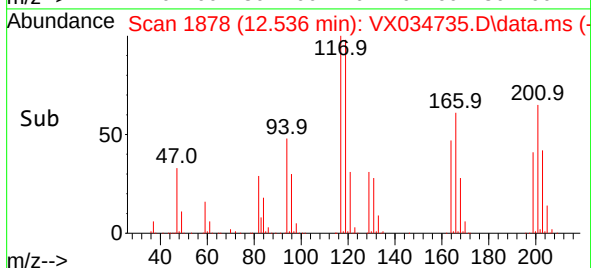
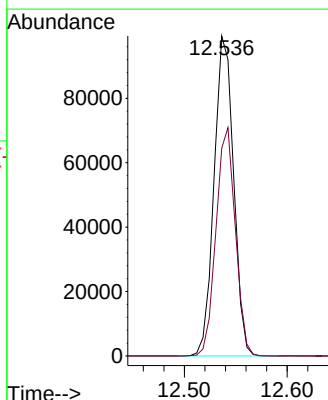
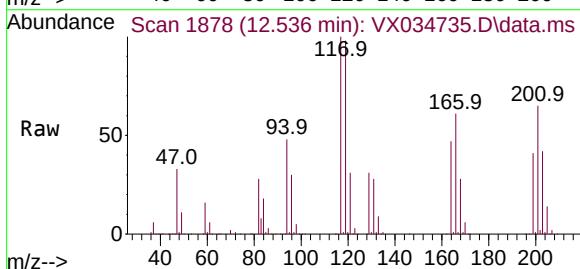
Reviewed By :John Carlone 03/27/2023

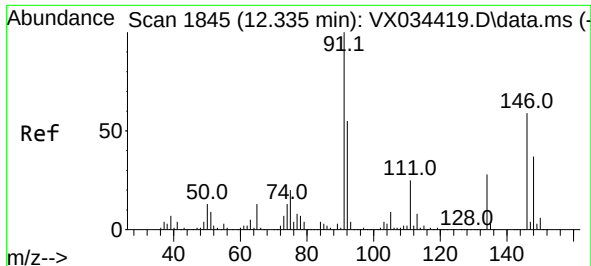
Supervised By :Semsettin Yesilyurt 03/27/2023



#90
Hexachloroethane
Concen: 44.076 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX034735.D
Acq: 24 Mar 2023 20:44

Tgt Ion:117 Resp: 130914
Ion Ratio Lower Upper
117 100
201 70.7 34.4 103.1





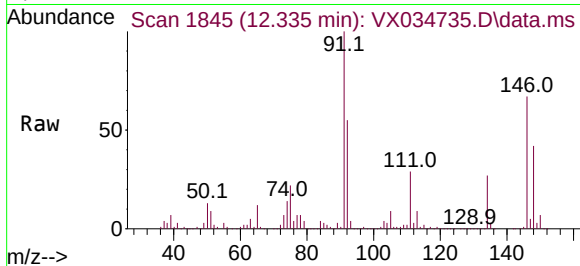
#91
1,2-Dichlorobenzene
Concen: 49.476 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX034735.D
Acq: 24 Mar 2023 20:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



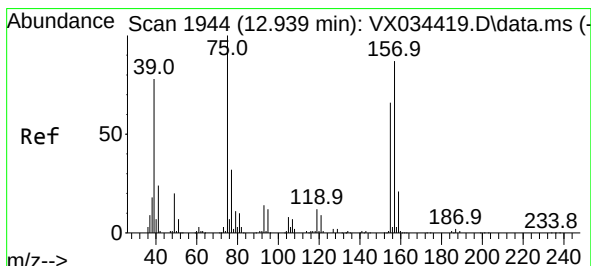
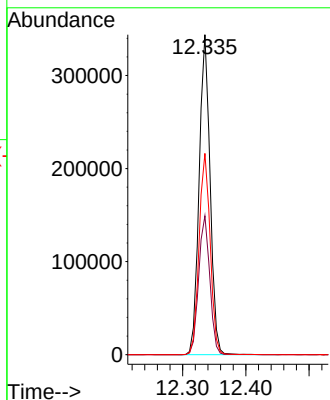
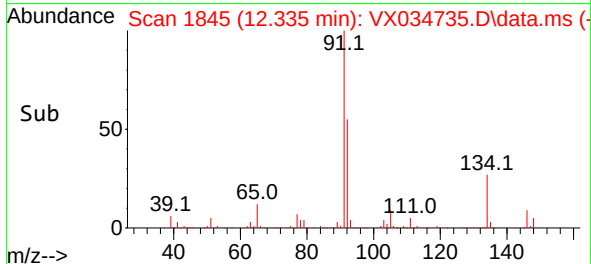
Tgt Ion:146 Resp: 415218
Ion Ratio Lower Upper
146 100
111 44.1 22.0 66.0
148 63.9 32.0 96.0

Manual Integrations

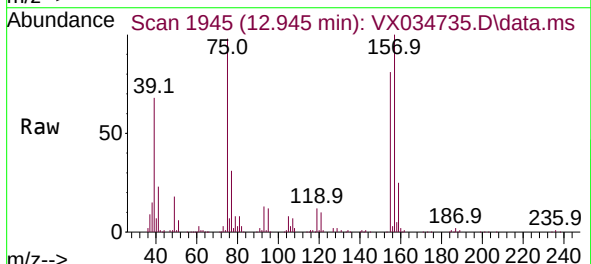
APPROVED

Reviewed By :John Carlone 03/27/2023

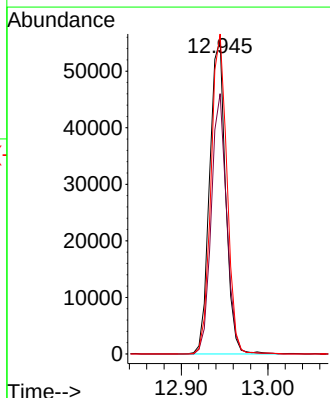
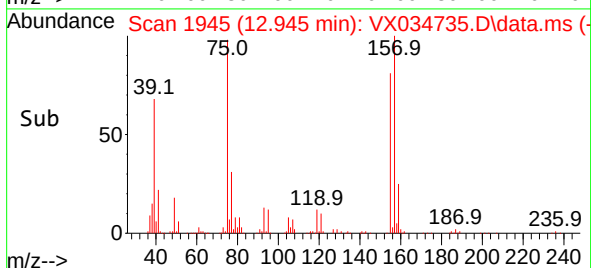
Supervised By :Semsettin Yesilyurt 03/27/2023

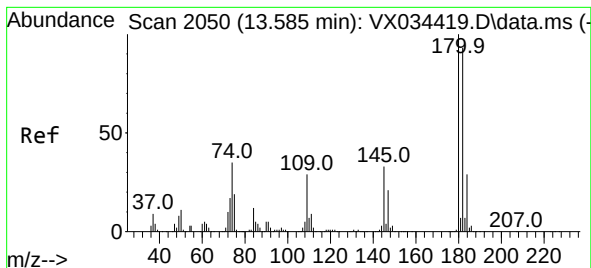


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.703 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX034735.D
Acq: 24 Mar 2023 20:44



Tgt Ion: 75 Resp: 71012
Ion Ratio Lower Upper
75 100
155 80.0 38.4 115.1
157 101.6 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 48.544 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX034735.D

Acq: 24 Mar 2023 20:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

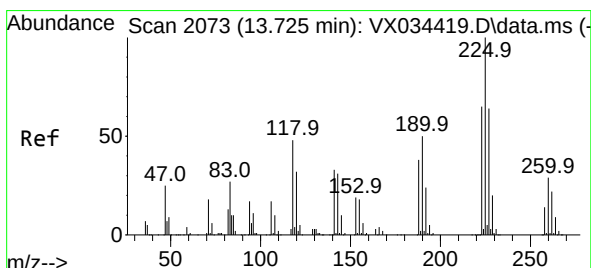
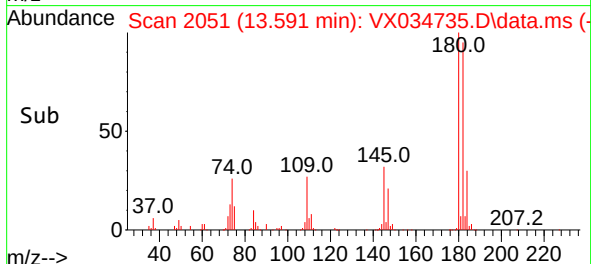
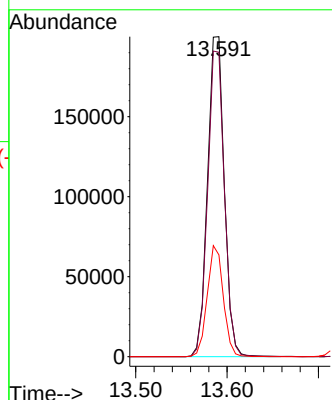
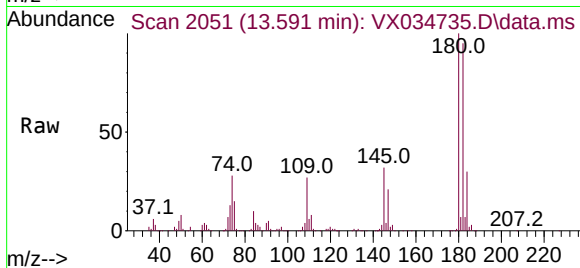
Tgt Ion:180	Resp:	25476
Ion Ratio	Lower	Upper
180	100	
182	95.6	47.0 141.0
145	33.2	15.9 47.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#94

Hexachlorobutadiene

Concen: 47.004 ug/l

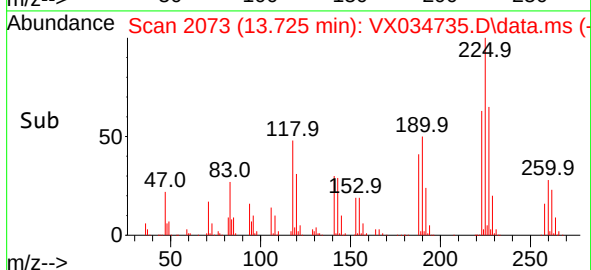
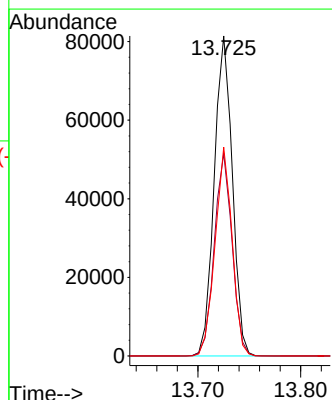
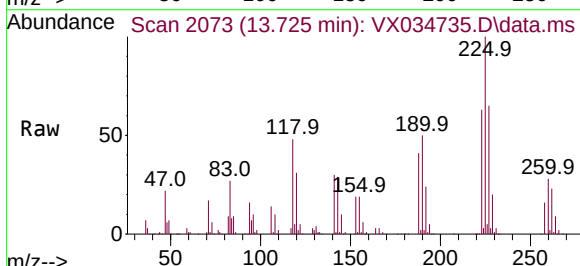
RT: 13.725 min Scan# 2073

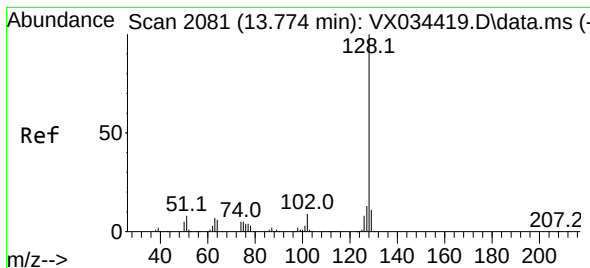
Delta R.T. 0.000 min

Lab File: VX034735.D

Acq: 24 Mar 2023 20:44

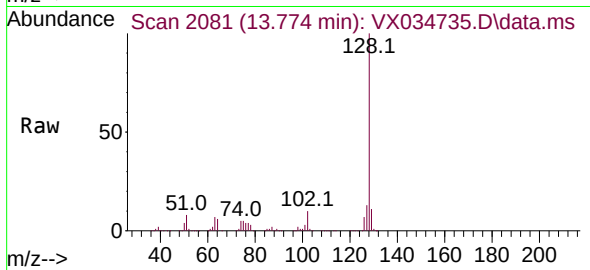
Tgt Ion:225	Resp:	99379
Ion Ratio	Lower	Upper
225	100	
223	62.2	32.1 96.5
227	61.7	31.8 95.4





#95
Naphthalene
Concen: 51.167 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX034735.D
Acq: 24 Mar 2023 20:44

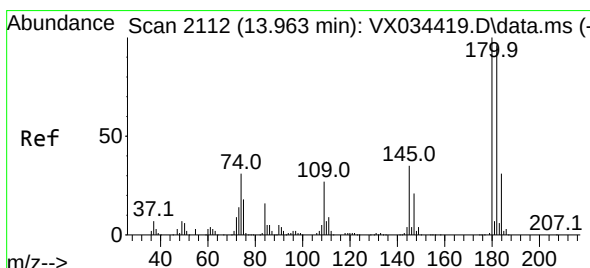
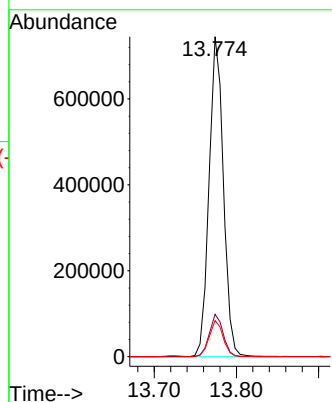
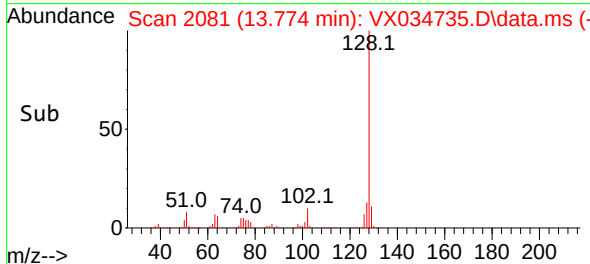
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 90047
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#96
1,2,3-Trichlorobenzene
Concen: 49.799 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX034735.D
Acq: 24 Mar 2023 20:44

Tgt Ion:180 Resp: 255474
Ion Ratio Lower Upper
180 100
182 93.5 48.0 144.2
145 34.5 17.7 53.1

