

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071423\
 Data File : VX036528.D
 Acq On : 13 Jul 2023 15:43
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Jul 14 02:27:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X071423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 14 02:24:12 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/14/2023
 Supervised By : Semsettin Yesilyurt 07/14/2023

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

Internal Standards						
1) Bromochloromethane	4.903	128	25548	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	158018	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	142082	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	65855	31.058	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 103.533%			
60) 4-Bromofluorobenzene	11.079	95	70879	30.754	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 102.500%			
63) Toluene-d8	8.653	98	193974	29.668	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 98.900%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	278211	194.904	ug/l	100
3) Chloromethane	1.300	50	337549	172.848	ug/l	94
4) Vinyl Chloride	1.373	62	360794	179.163	ug/l	99
5) Bromomethane	1.599	94	330081	160.054	ug/l	96
6) Chloroethane	1.672	64	239053	174.403	ug/l	94
7) Trichlorofluoromethane	1.879	101	558914	171.076	ug/l	98
8) Diethyl Ether	2.136	74	236534	174.248	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	278793	188.479	ug/l	99
10) 1,1-Dichloroethene	2.318	96	270646	181.033	ug/l	99
11) Methyl Iodide	2.453	142	349645	205.235	ug/l	98
12) Methyl Acetate	2.702	43	613151	174.479	ug/l	97
13) Acrolein	2.239	56	286715	994.541	ug/l	96
14) Acrylonitrile	3.068	53	867316	880.487	ug/l	97
15) Acetone	2.385	58	239228	857.818	ug/l	99
16) Carbon Disulfide	2.507	76	715795	197.341	ug/l	98
17) Allyl chloride	2.660	41	464260	175.051	ug/l	97
18) Methylene Chloride	2.788	84	313711	174.264	ug/l	97
19) trans-1,2-Dichloroethene	3.093	96	294428	180.174	ug/l	98
20) Diisopropyl ether	3.763	45	937610	173.460	ug/l	99
21) 1,1-Dichloroethane	3.611	63	553529	175.646	ug/l	100
22) cis-1,2-Dichloroethene	4.489	96	346414	176.136	ug/l	97
23) tert-Butyl Alcohol	2.977	59	416544m	914.547	ug/l	
24) Methyl tert-Butyl Ether	3.117	73	947647	174.302	ug/l	100
25) Chloroform	5.098	83	567827	174.283	ug/l	99
26) Cyclohexane	5.470	56	453831	187.712	ug/l #	99
29) 1,1-Dichloropropene	5.696	75	420427	176.437	ug/l	99
30) 2-Butanone	4.562	43	1227121	817.886	ug/l	99
31) 2,2-Dichloropropane	4.477	77	466417	178.489	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	494475	174.636	ug/l	99
33) Carbon Tetrachloride	5.678	117	435054	180.105	ug/l	99
34) Benzene	6.043	78	1206212	164.223	ug/l	98
35) Methacrylonitrile	4.922	41	257111	165.171	ug/l	96
36) 1,2-Dichloroethane	6.086	62	455003	161.443	ug/l	99
37) Trichloroethene	7.129	130	331719	171.599	ug/l	95
38) Methylcyclohexane	7.385	83	514616	185.641	ug/l	97
39) 1,2-Dichloropropane	7.433	63	328857	165.173	ug/l	97
40) Dibromomethane	7.580	93	235513	163.311	ug/l	98
41) Bromodichloromethane	7.824	83	453244	173.172	ug/l	99
42) Vinyl Acetate	3.727	43	3757833	829.209	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.714	43	473266	162.050	ug/l	98
44) Isopropyl Acetate	6.342	43	781063	167.712	ug/l	98
45) 1,4-Dioxane	7.671	88	180934	3428.035	ug/l #	1
46) Methyl methacrylate	7.696	41	376558	169.163	ug/l	94
47) n-amyl Acetate	10.847	43	699524	177.075	ug/l	98
48) t-1,3-Dichloropropene	8.982	75	505897	176.231	ug/l	97
49) cis-1,3-Dichloropropene	8.372	75	537798	173.429	ug/l	97
50) 1,1,2-Trichloroethane	9.153	97	316513	161.678	ug/l	99
51) Ethyl methacrylate	9.116	69	524920	170.789	ug/l	97
52) 1,3-Dichloropropane	9.311	76	535594	162.115	ug/l	98
53) Dibromochloromethane	9.524	129	345209	174.701	ug/l	99
54) 1,2-Dibromoethane	9.610	107	342165	166.379	ug/l	98
55) 2-Chloroethyl vinyl ether	8.244	63	1379471	834.542	ug/l	100
56) Bromoform	10.799	173	256854	186.837	ug/l	99
58) 4-Methyl-2-Pentanone	8.579	43	2414445	821.783	ug/l	98
59) 2-Hexanone	9.433	43	1879494	840.873	ug/l	99
61) Tetrachloroethene	9.274	164	280591	164.882	ug/l	97
62) Toluene	8.720	91	1319488	165.517	ug/l	99
64) Chlorobenzene	10.079	112	826097	166.450	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.165	131	307008	171.282	ug/l	99
66) Ethyl Benzene	10.195	91	1467430	169.372	ug/l	96
67) m/p-Xylenes	10.305	106	1151475	340.912	ug/l	99
68) o-Xylene	10.646	106	569907	170.011	ug/l	99
69) Styrene	10.658	104	945312	173.929	ug/l	99
70) Isopropylbenzene	10.963	105	1441704	172.677	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.213	83	517110	169.693	ug/l	99
72) 1,2,3-Trichloropropane	11.244	75	469922m	167.183	ug/l	
73) Bromobenzene	11.201	156	352556	170.826	ug/l	99
74) n-propylbenzene	11.305	91	1737506	176.813	ug/l	100
75) 2-Chlorotoluene	11.366	91	1015946	170.011	ug/l	98
76) 1,3,5-Trimethylbenzene	11.451	105	1256854	175.187	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	180995	195.190	ug/l	91
78) 4-Chlorotoluene	11.457	91	1199925	176.356	ug/l	99
79) tert-butylbenzene	11.719	119	1231210	180.807	ug/l	96
80) 1,2,4-Trimethylbenzene	11.756	105	1234346	173.636	ug/l	100
81) sec-Butylbenzene	11.890	105	1554186	181.330	ug/l	99
82) p-Isopropyltoluene	12.012	119	1291835	181.159	ug/l	100
83) 1,3-Dichlorobenzene	11.969	146	668229	174.067	ug/l	99
84) 1,4-Dichlorobenzene	12.042	146	670853	175.372	ug/l	100
85) n-Butylbenzene	12.335	91	1253616	193.126	ug/l	99
86) Hexachloroethane	12.542	117	236900	200.656	ug/l	96
87) 1,2-Dichlorobenzene	12.335	146	680102	176.624	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.945	75	127460	186.018	ug/l	99
89) 1,2,4-Trichlorobenzene	13.591	180	445349	183.408	ug/l	99
90) Hexachlorobutadiene	13.725	225	172246	195.296	ug/l	96
91) Naphthalene	13.774	128	1529167	179.476	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	436126	177.941	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

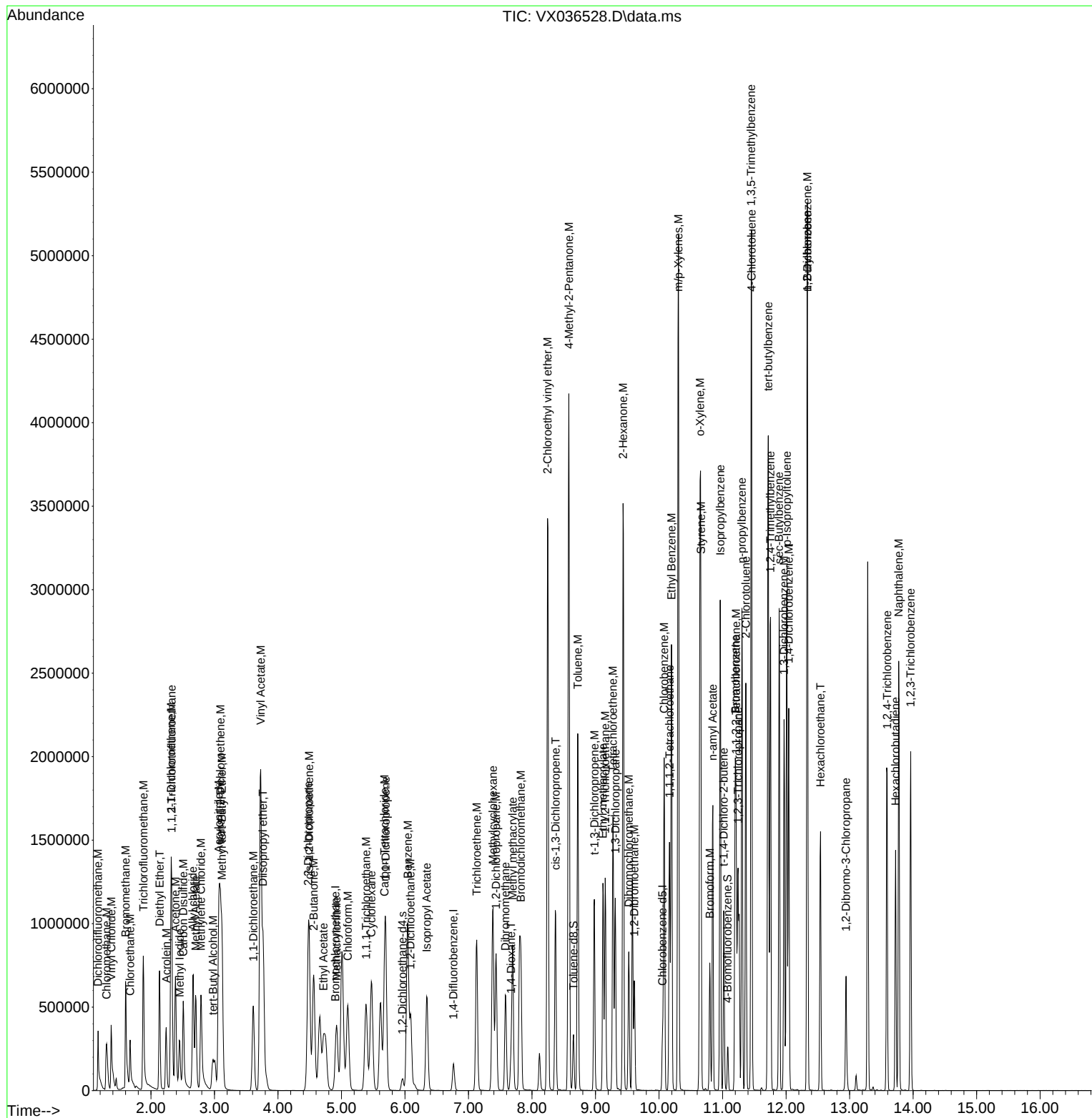
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071423\
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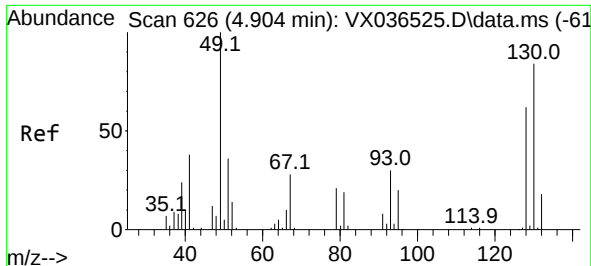
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MSVOA_X
ClientSampleId :
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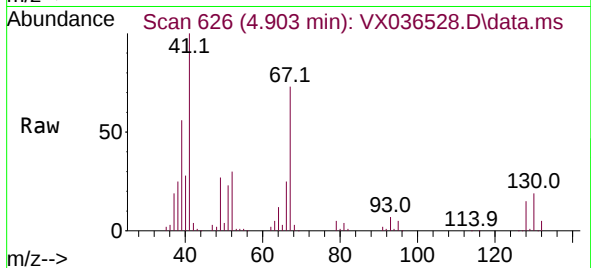
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. -0.001 min
Lab File: VX036528.D
Acq: 13 Jul 2023 15:43

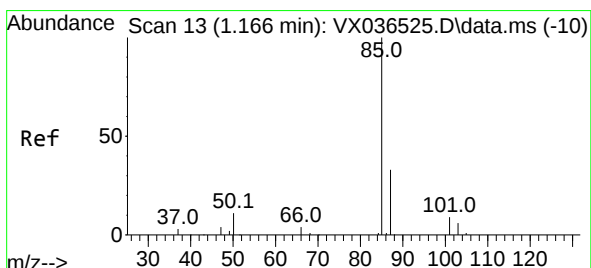
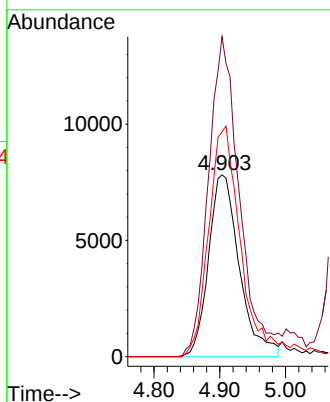
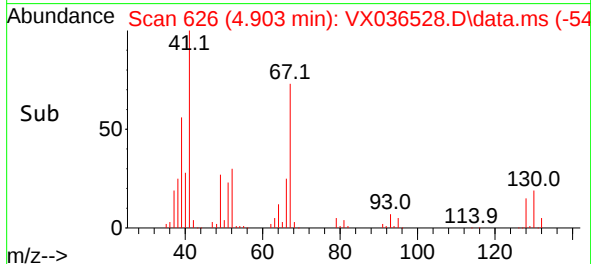
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:128 Resp: 25548
Ion Ratio Lower Upper
128 100
49 174.9 0.0 406.3
130 125.7 0.0 328.0

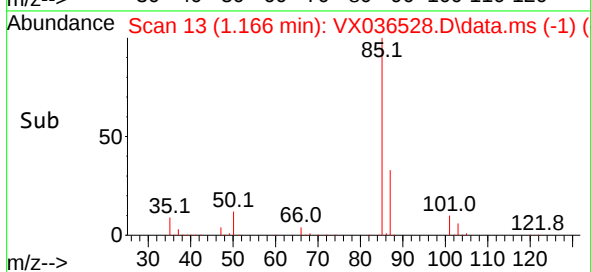
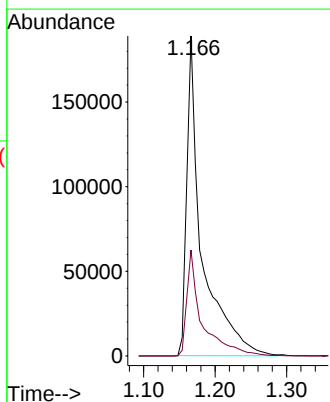
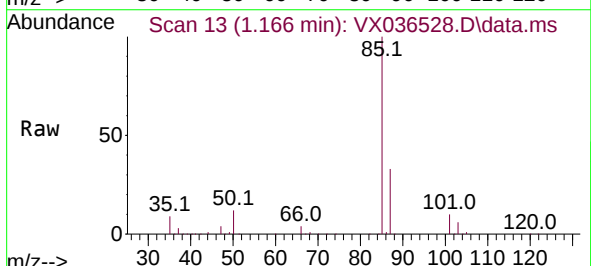
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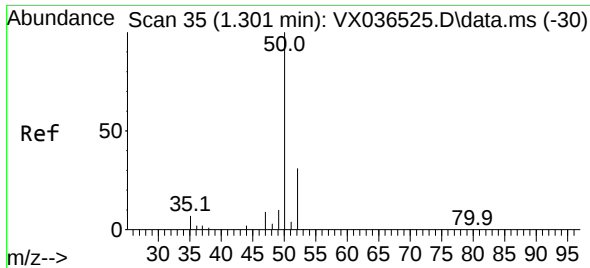
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#2
Dichlorodifluoromethane
Concen: 194.904 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX036528.D
Acq: 13 Jul 2023 15:43

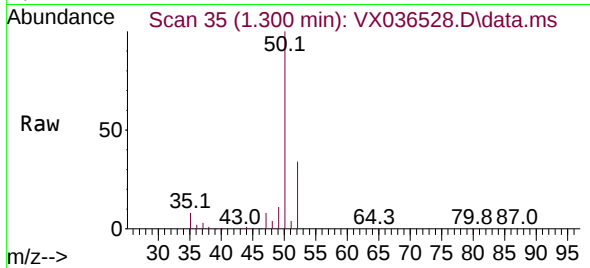
Tgt Ion: 85 Resp: 278211
Ion Ratio Lower Upper
85 100
87 33.1 16.4 49.4





#3
Chloromethane
Concen: 172.848 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX036528.D
Acq: 13 Jul 2023 15:43

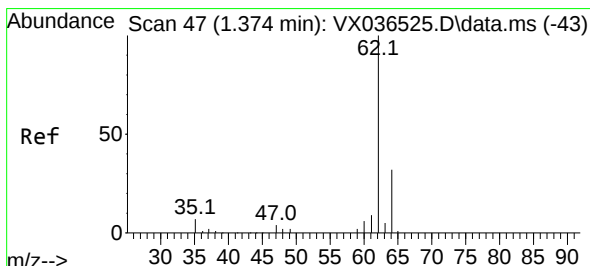
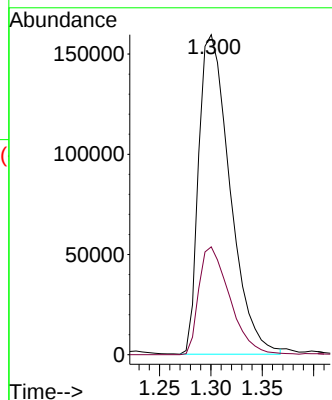
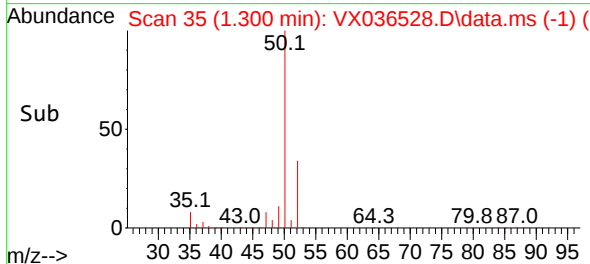
Instrument :
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ClientSampleId :
VSTDICC150



Tgt Ion: 50 Resp: 337549
Ion Ratio Lower Upper
50 100
52 33.7 24.5 36.7

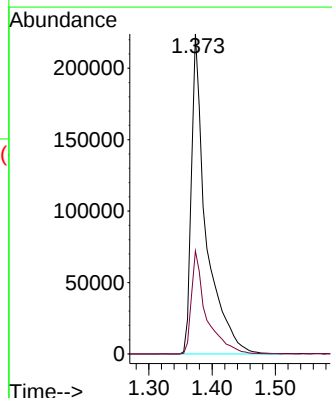
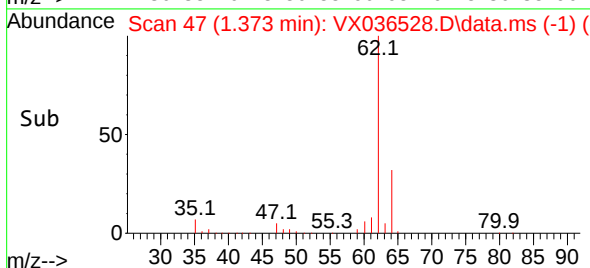
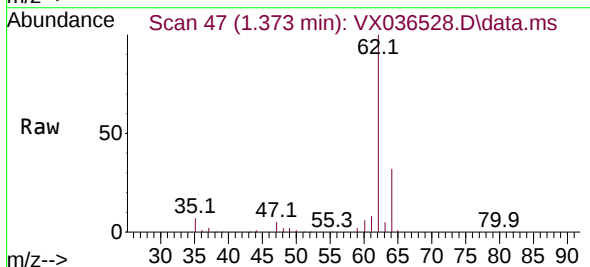
Manual Integrations
APPROVED

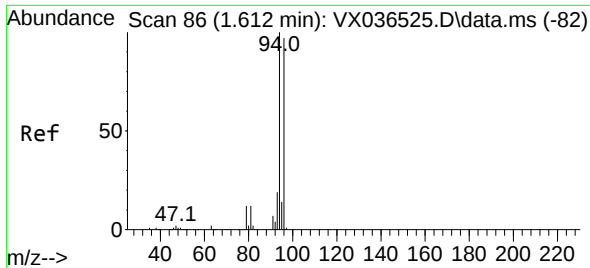
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#4
Vinyl Chloride
Concen: 179.163 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX036528.D
Acq: 13 Jul 2023 15:43

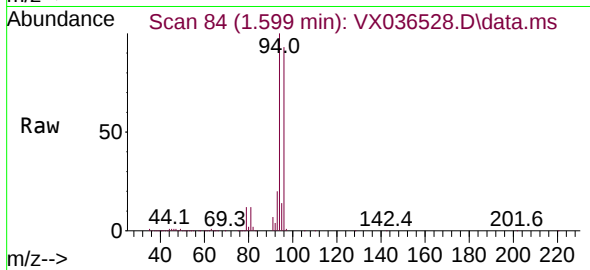
Tgt Ion: 62 Resp: 360794
Ion Ratio Lower Upper
62 100
64 32.2 25.3 37.9





#5
Bromomethane
Concen: 160.054 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.012 min
Lab File: VX036528.D
Acq: 13 Jul 2023 15:43

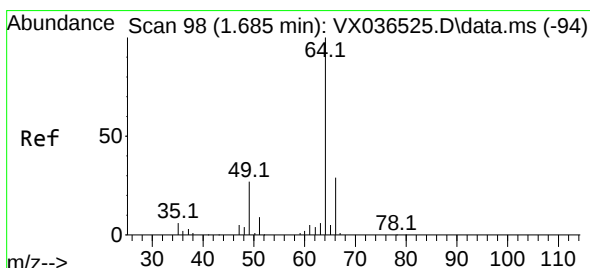
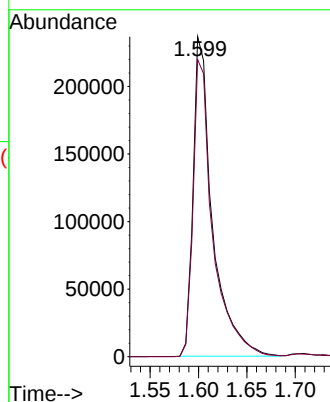
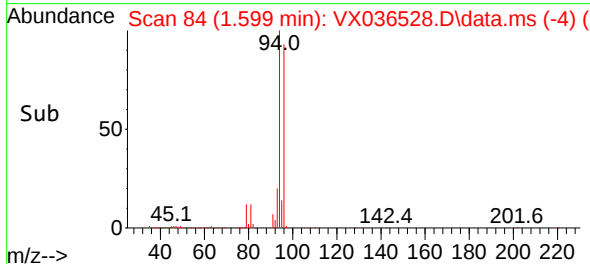
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 94 Resp: 33008
Ion Ratio Lower Upper
94 100
96 92.9 77.4 116.2

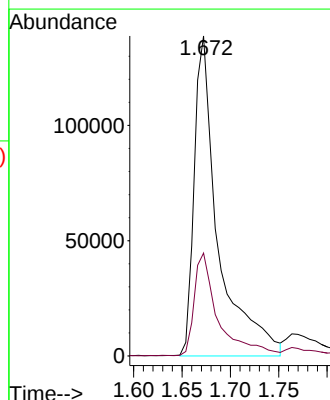
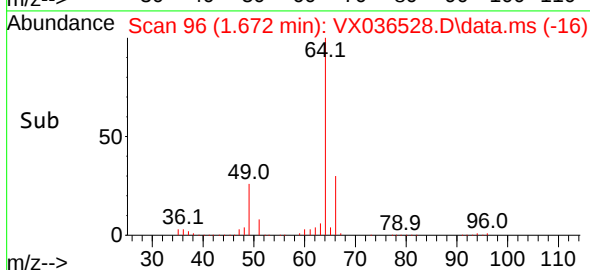
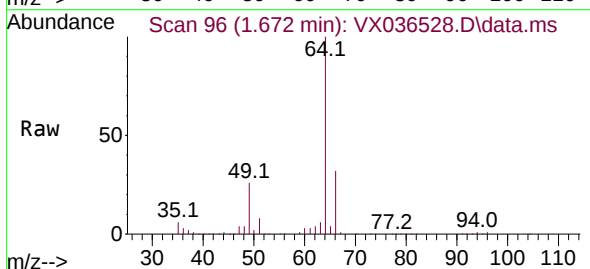
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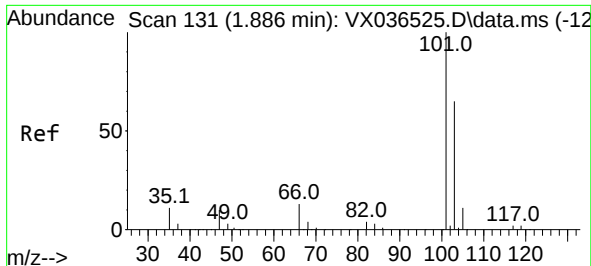
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#6
Chloroethane
Concen: 174.403 ug/l
RT: 1.672 min Scan# 96
Delta R.T. -0.012 min
Lab File: VX036528.D
Acq: 13 Jul 2023 15:43

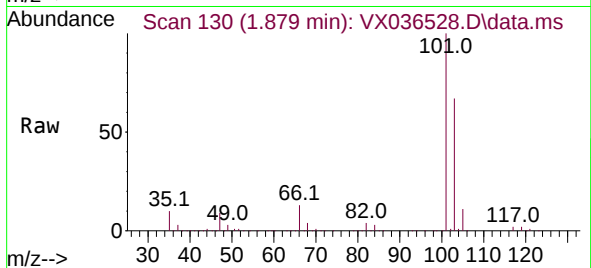
Tgt Ion: 64 Resp: 239053
Ion Ratio Lower Upper
64 100
66 32.0 23.1 34.7





#7
Trichlorofluoromethane
Concen: 171.076 ug/l
RT: 1.879 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX036528.D
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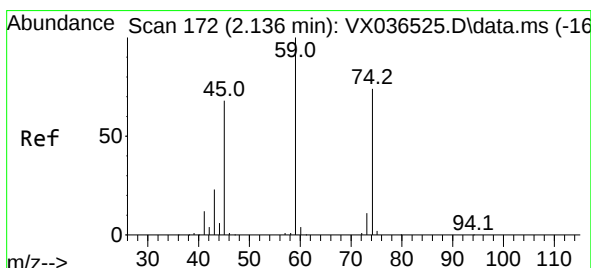
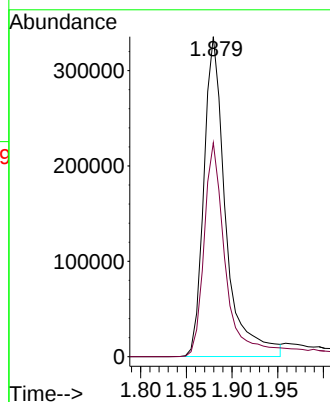
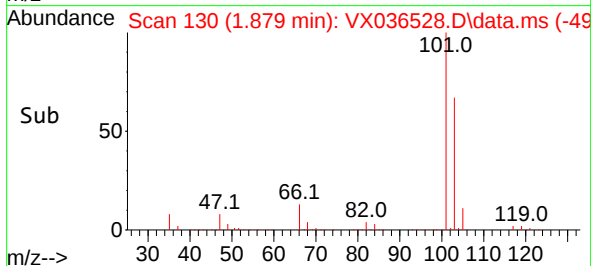
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MSVOA_X
ClientSampleId :
VSTDICC150



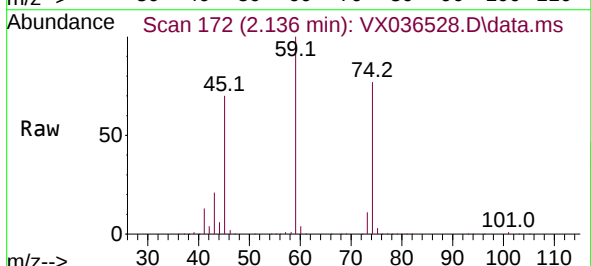
Tgt Ion:101 Resp: 558914
Ion Ratio Lower Upper
101 100
103 66.8 52.2 78.2

Manual Integrations
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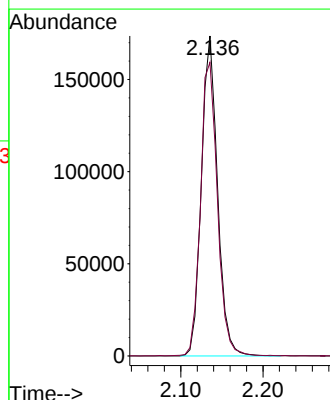
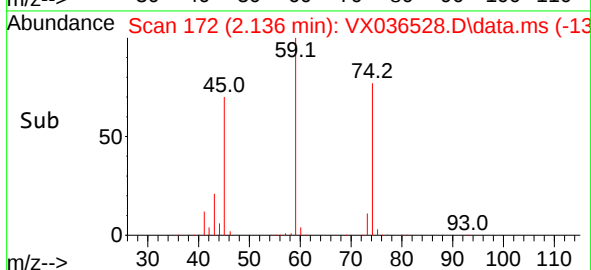
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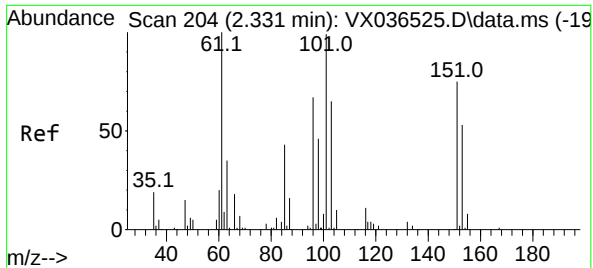


#8
Diethyl Ether
Concen: 174.248 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 236534
Ion Ratio Lower Upper
74 100
45 95.8 19.9 178.9





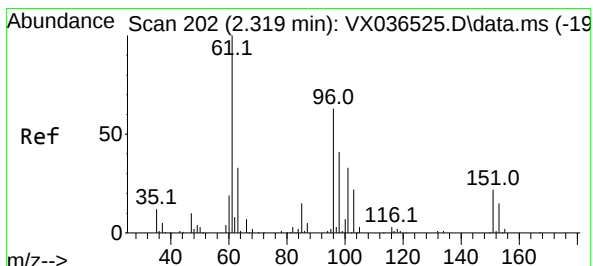
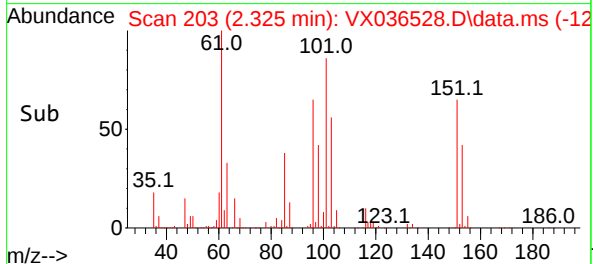
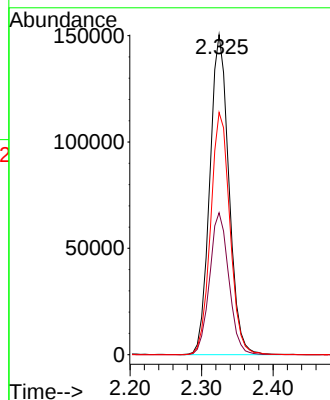
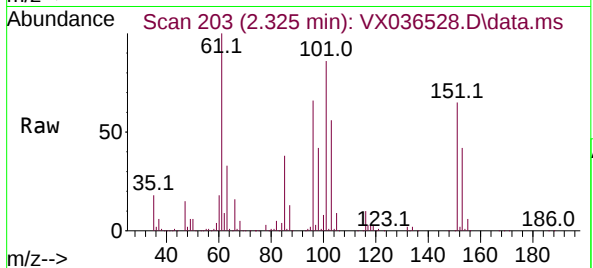
#9
1,1,2-Trichlorotrifluoroethane
Concen: 188.479 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX036528.D
Acq: 13 Jul 2023 15:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:101 Resp: 27879
Ion Ratio Lower Upper
101 100
85 44.5 0.0 91.0
151 76.5 0.0 155.4

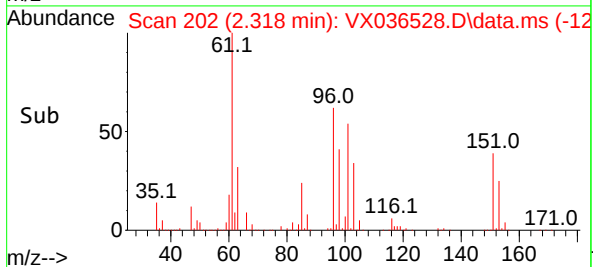
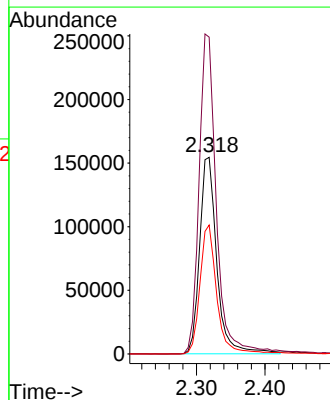
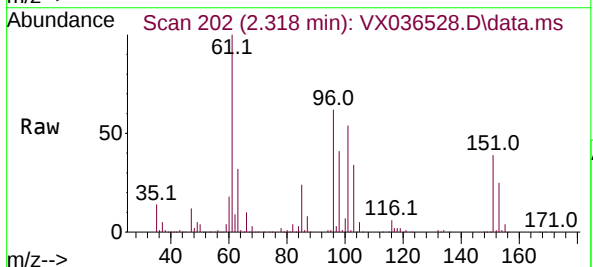
Manual Integrations
APPROVED

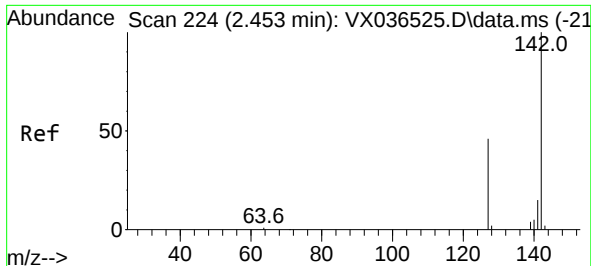
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#10
1,1-Dichloroethene
Concen: 181.033 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX036528.D
Acq: 13 Jul 2023 15:43

Tgt Ion: 96 Resp: 270646
Ion Ratio Lower Upper
96 100
61 161.2 127.2 190.8
98 65.7 52.7 79.1





#11

Methyl Iodide

Concen: 205.235 ug/l

RT: 2.453 min Scan# 211

Delta R.T. -0.000 min

Lab File: VX036528.D

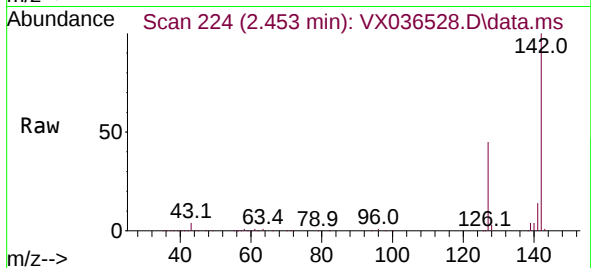
Acq: 13 Jul 2023 15:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150



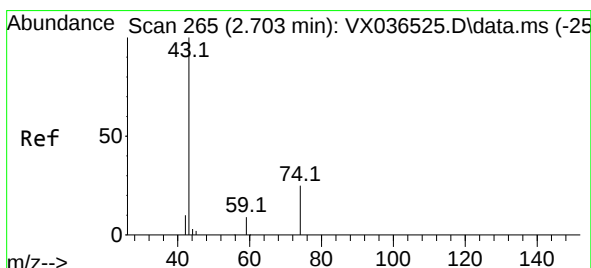
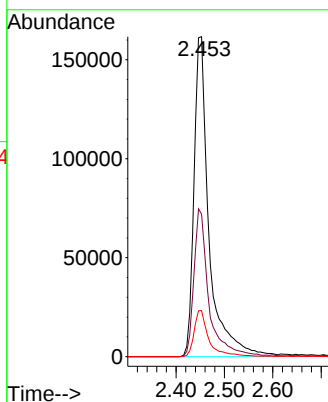
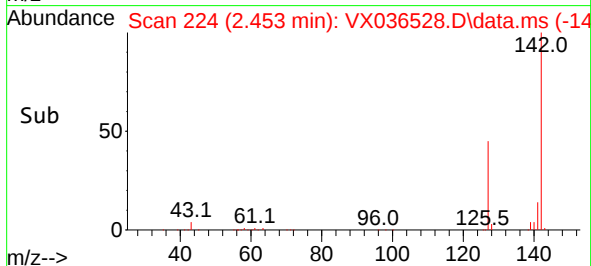
Tgt Ion:	142	Resp:	34964
Ion Ratio	Lower	Upper	
142	100		
127	44.6	22.9	68.8
141	14.4	7.5	22.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#12

Methyl Acetate

Concen: 174.479 ug/l

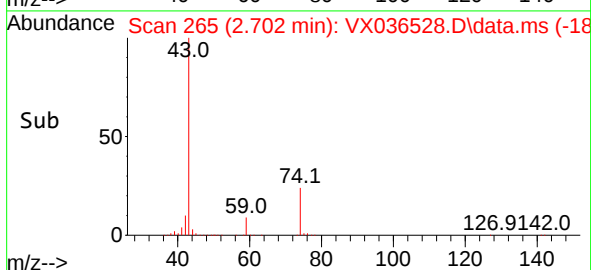
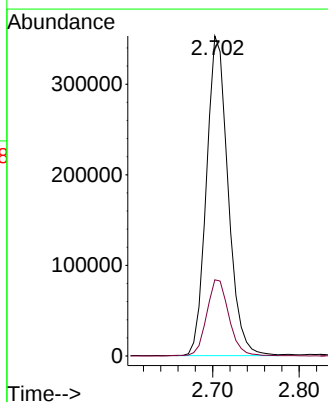
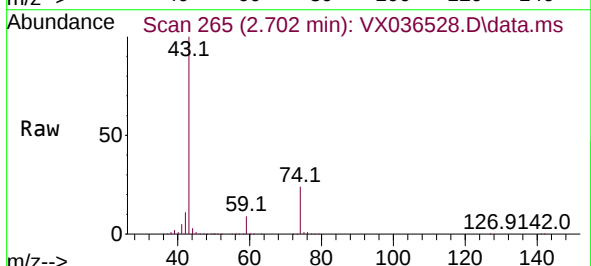
RT: 2.702 min Scan# 265

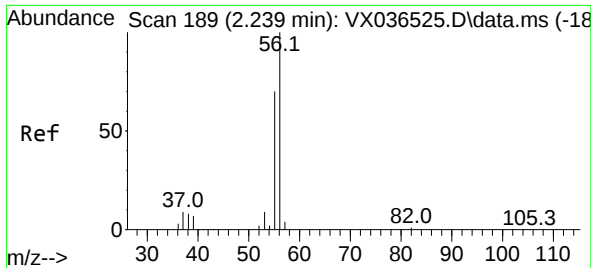
Delta R.T. -0.000 min

Lab File: VX036528.D

Acq: 13 Jul 2023 15:43

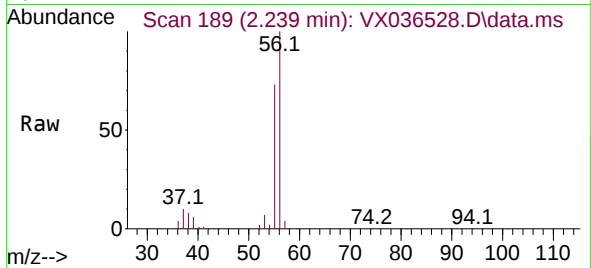
Tgt Ion:	43	Resp:	613151
Ion Ratio	Lower	Upper	
43	100		
74	23.7	20.3	30.5





#13
Acrolein
Concen: 994.541 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX036528.D
Acq: 13 Jul 2023 15:43

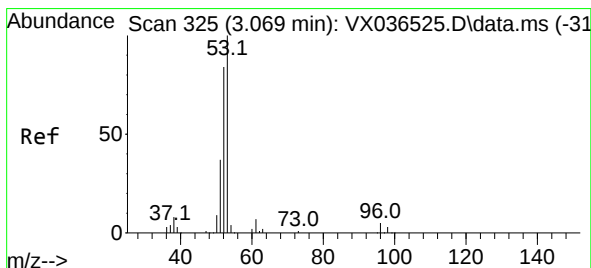
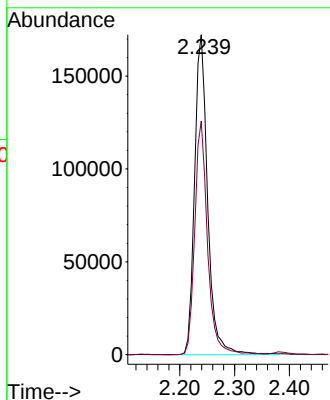
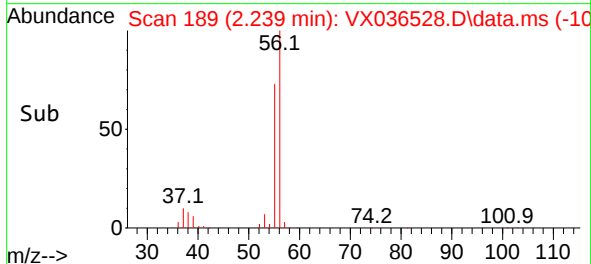
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 56 Resp: 286715
Ion Ratio Lower Upper
56 100
55 71.0 59.7 89.5

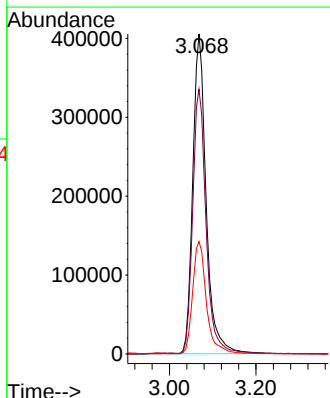
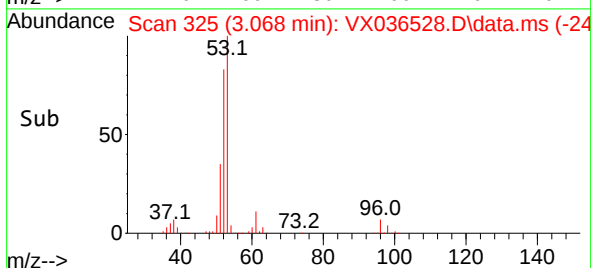
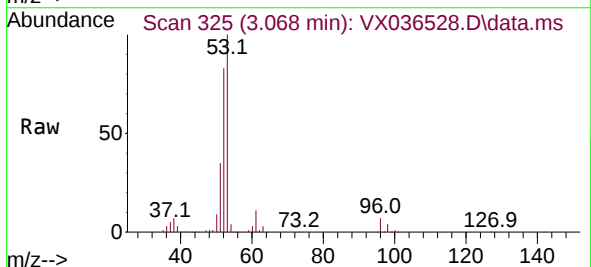
Manual Integrations
APPROVED

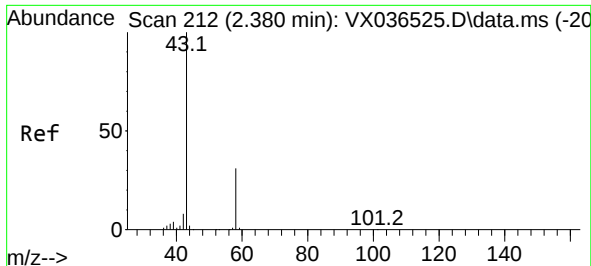
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#14
Acrylonitrile
Concen: 880.487 ug/l
RT: 3.068 min Scan# 325
Delta R.T. -0.000 min
Lab File: VX036528.D
Acq: 13 Jul 2023 15:43

Tgt Ion: 53 Resp: 867316
Ion Ratio Lower Upper
53 100
52 83.3 40.0 119.9
51 35.7 18.2 54.6





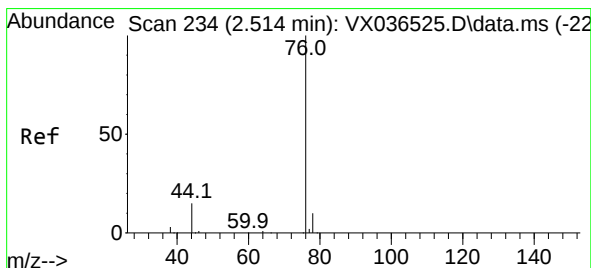
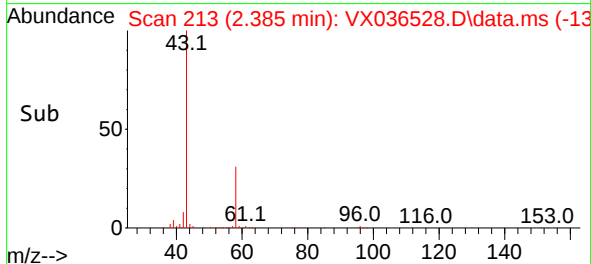
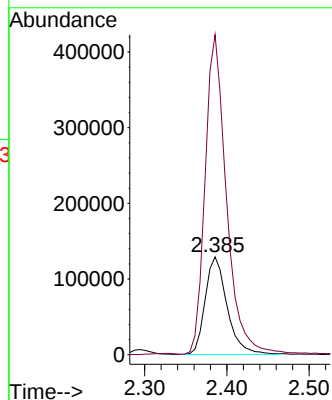
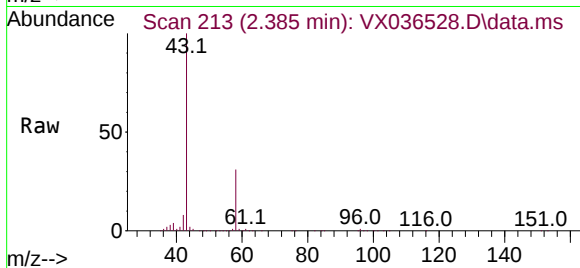
#15
Acetone
Concen: 857.818 ug/l
RT: 2.385 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX036528.D
Acq: 13 Jul 2023 15:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 58 Resp: 239228
Ion Ratio Lower Upper
58 100
43 327.7 261.0 391.4

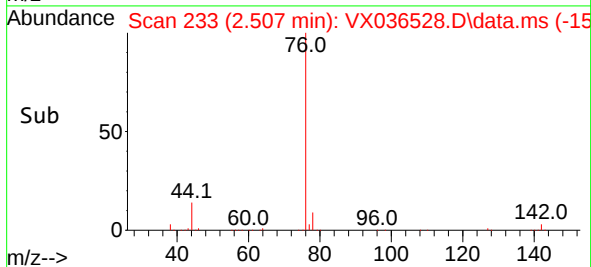
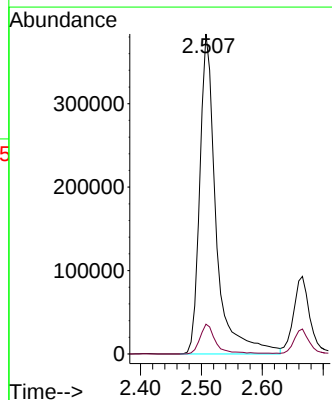
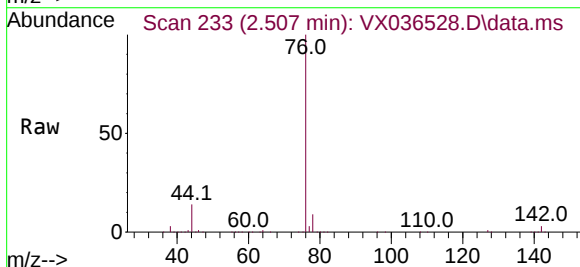
Manual Integrations
APPROVED

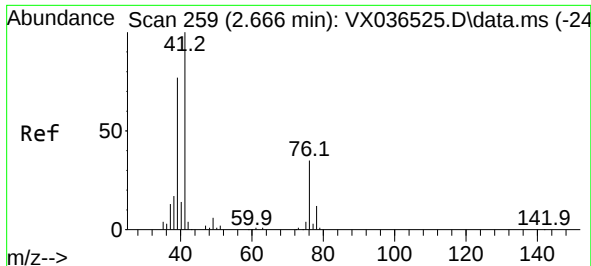
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#16
Carbon Disulfide
Concen: 197.341 ug/l
RT: 2.507 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX036528.D
Acq: 13 Jul 2023 15:43

Tgt Ion: 76 Resp: 715795
Ion Ratio Lower Upper
76 100
78 9.3 8.0 12.0





#17

Allyl chloride

Concen: 175.051 ug/l

RT: 2.660 min Scan# 259

Delta R.T. -0.006 min

Lab File: VX036528.D

Acq: 13 Jul 2023 15:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 41 Resp: 464260

Ion Ratio Lower Upper

41 100

39 74.2 38.5 115.3

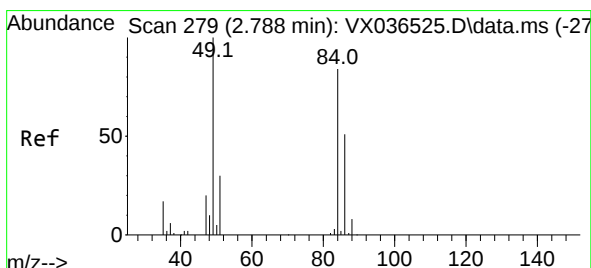
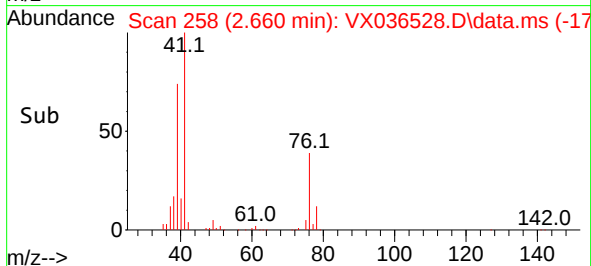
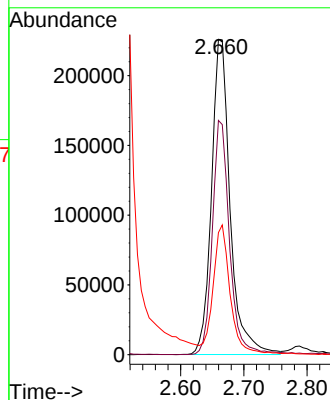
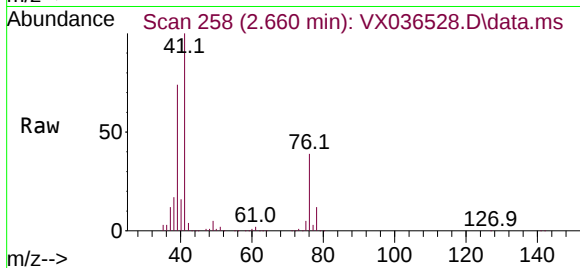
76 38.4 18.6 55.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#18

Methylene Chloride

Concen: 174.264 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX036528.D

Acq: 13 Jul 2023 15:43

Tgt Ion: 84 Resp: 313711

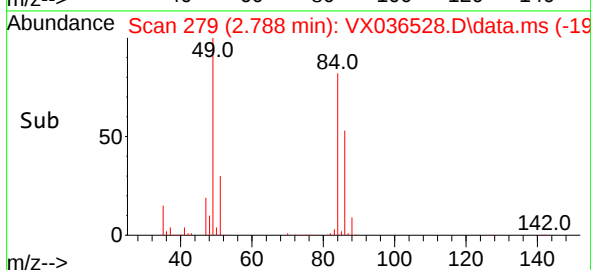
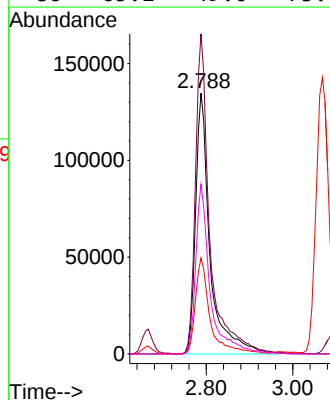
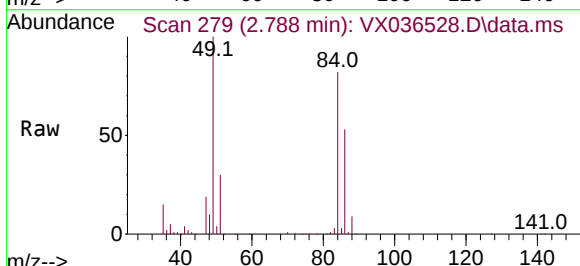
Ion Ratio Lower Upper

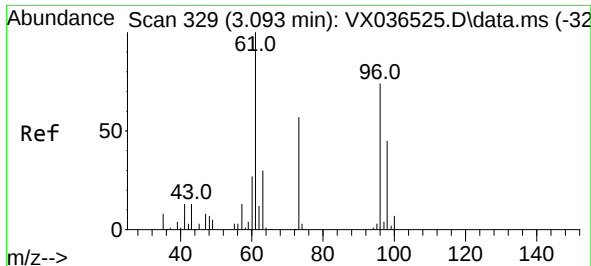
84 100

49 122.5 95.4 143.0

51 36.7 28.3 42.5

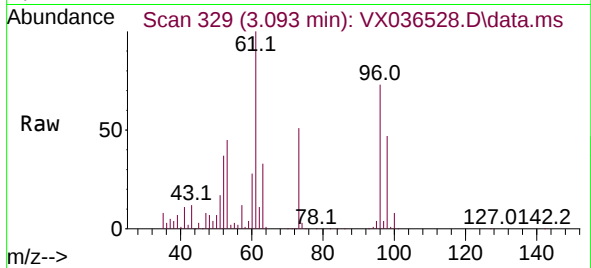
86 65.1 49.0 73.6





#19
trans-1,2-Dichloroethene
Concen: 180.174 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX036528.D
Acq: 13 Jul 2023 15:43

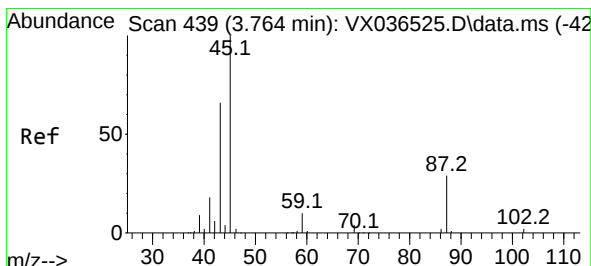
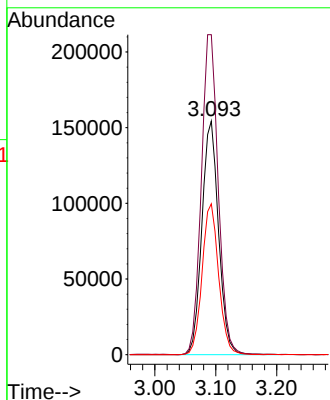
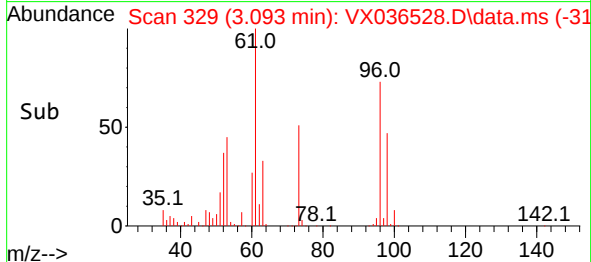
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



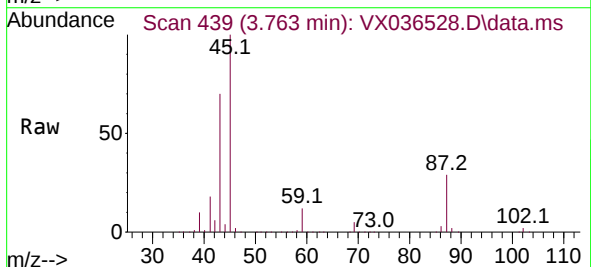
Tgt Ion: 96 Resp: 294428
Ion Ratio Lower Upper
96 100
61 137.0 108.7 163.1
98 64.6 49.1 73.7

Manual Integrations
APPROVED

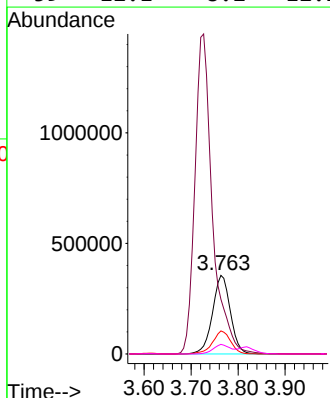
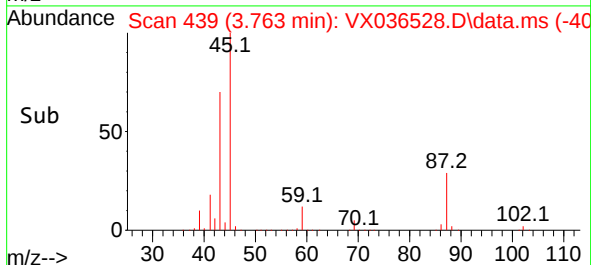
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

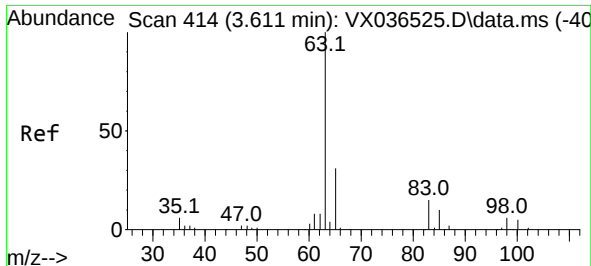


#20
Diisopropyl ether
Concen: 173.460 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX036528.D
Acq: 13 Jul 2023 15:43



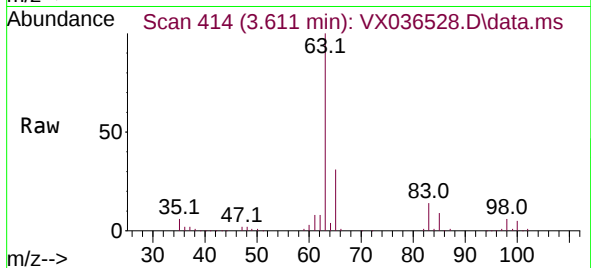
Tgt Ion: 45 Resp: 937610
Ion Ratio Lower Upper
45 100
43 69.3 55.8 83.6
87 29.3 23.0 34.4
59 12.1 8.2 12.2





#21
1,1-Dichloroethane
Concen: 175.646 ug/l
RT: 3.611 min Scan# 414
Delta R.T. -0.000 min
Lab File: VX036528.D
Acq: 13 Jul 2023 15:43

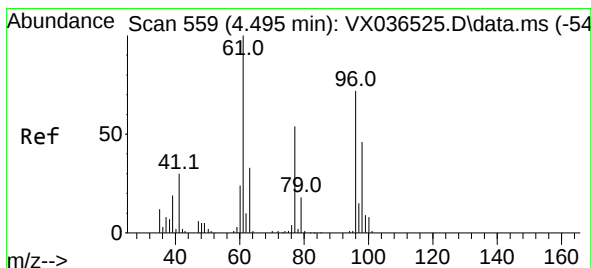
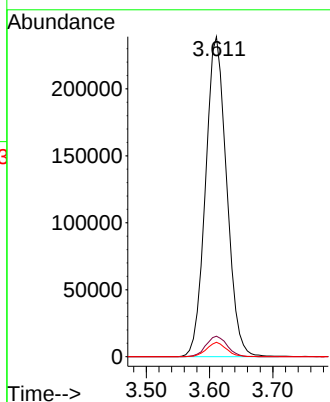
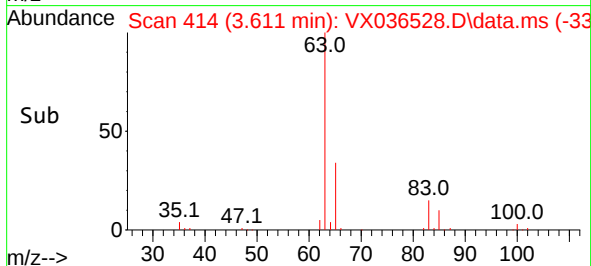
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 63 Resp: 553529
Ion Ratio Lower Upper
63 100
98 6.4 3.2 9.6
100 4.5 2.3 6.8

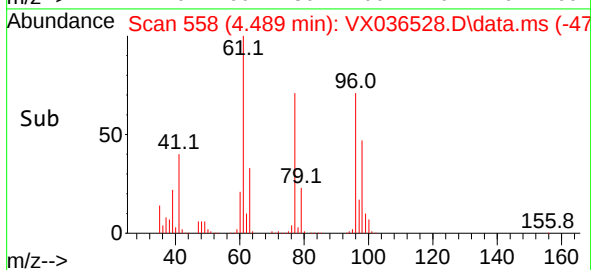
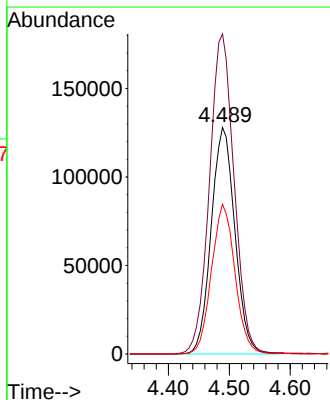
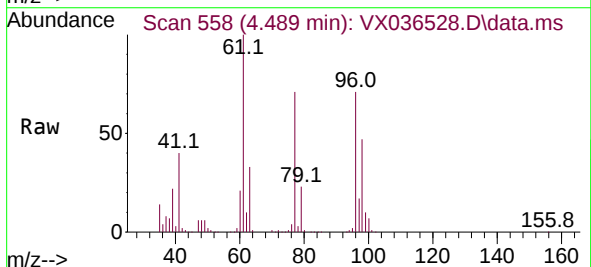
Manual Integrations
APPROVED

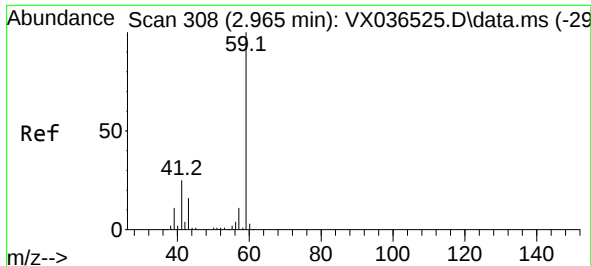
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#22
cis-1,2-Dichloroethene
Concen: 176.136 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX036528.D
Acq: 13 Jul 2023 15:43

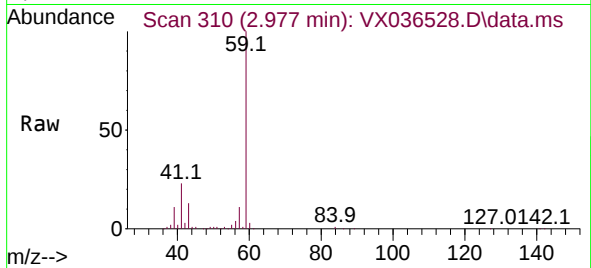
Tgt Ion: 96 Resp: 346414
Ion Ratio Lower Upper
96 100
61 146.7 114.0 171.0
98 65.4 51.6 77.4





#23
tert-Butyl Alcohol
Concen: 914.547 ug/l m
RT: 2.977 min Scan# 310
Delta R.T. 0.012 min
Lab File: VX036528.D
Acq: 13 Jul 2023 15:43

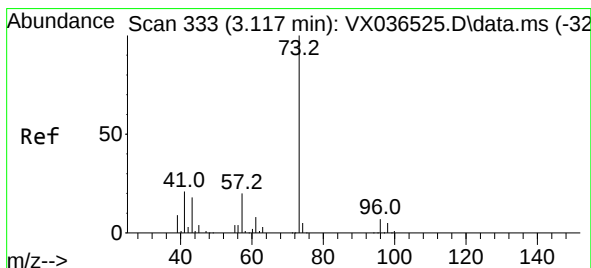
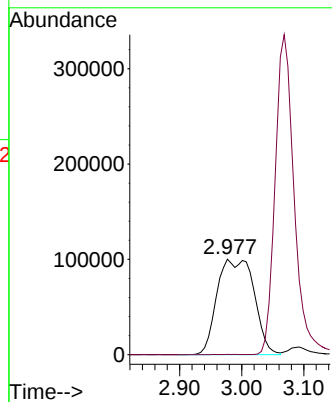
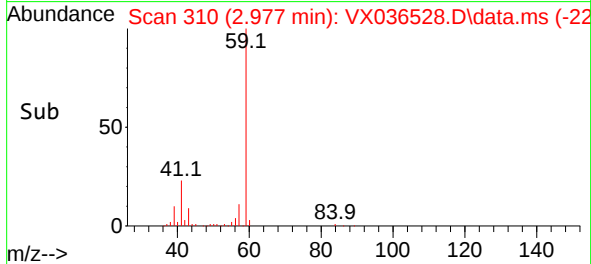
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 59 Resp: 416544
Ion Ratio Lower Upper
59 100
52 0.1 142.6 213.8

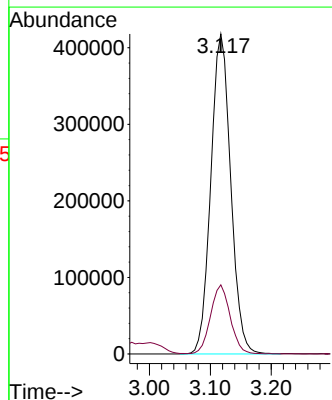
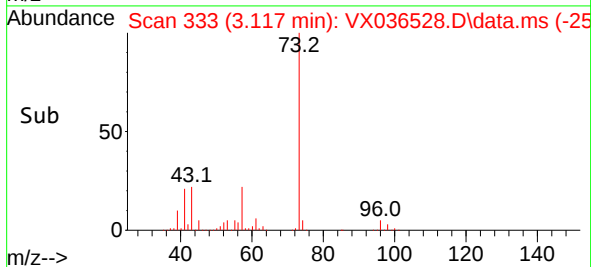
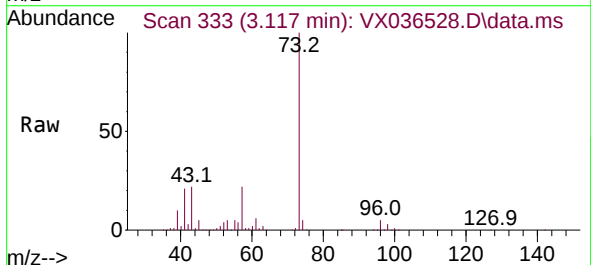
Manual Integrations
APPROVED

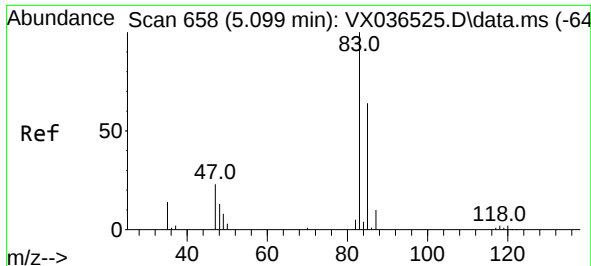
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#24
Methyl tert-Butyl Ether
Concen: 174.302 ug/l
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX036528.D
Acq: 13 Jul 2023 15:43

Tgt Ion: 73 Resp: 947647
Ion Ratio Lower Upper
73 100
43 21.2 16.8 25.2





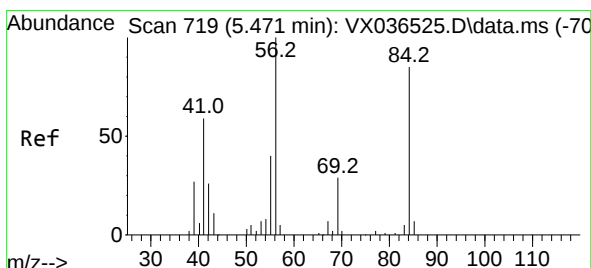
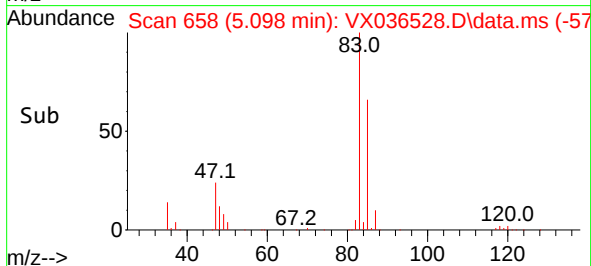
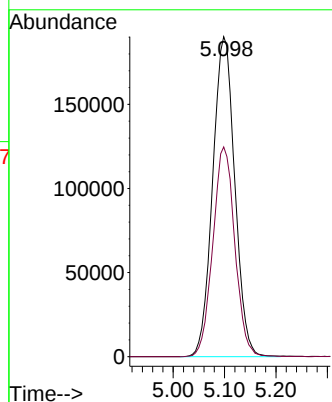
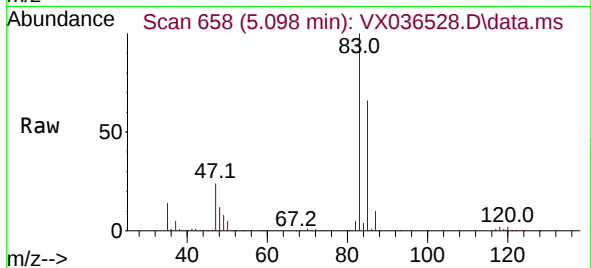
#25
Chloroform
Concen: 174.283 ug/l
RT: 5.098 min Scan# 658
Delta R.T. -0.000 min
Lab File: VX036528.D
Acq: 13 Jul 2023 15:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 83 Resp: 56782
Ion Ratio Lower Upper
83 100
85 65.6 51.5 77.3

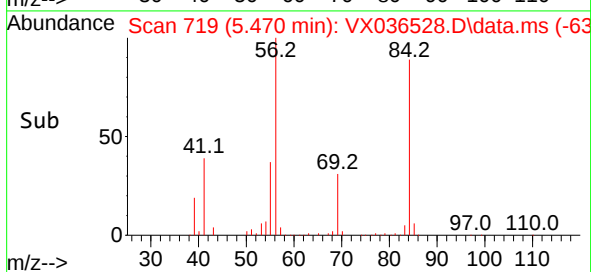
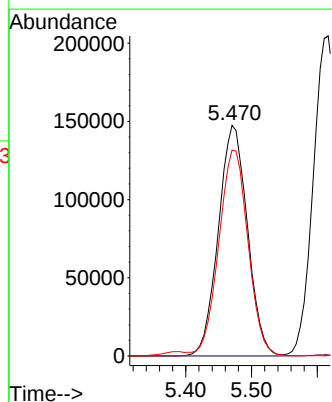
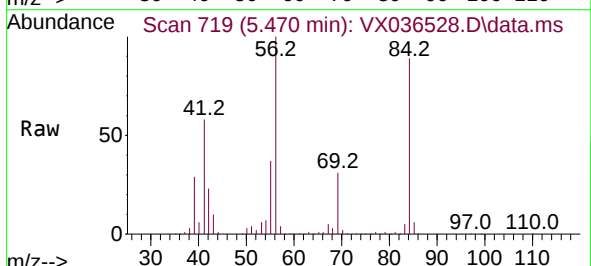
Manual Integrations
APPROVED

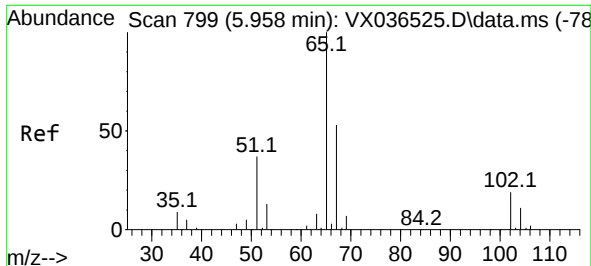
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#26
Cyclohexane
Concen: 187.712 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX036528.D
Acq: 13 Jul 2023 15:43

Tgt Ion: 56 Resp: 453831
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 89.8 71.4 107.2





#27
1,2-Dichloroethane-d4
Concen: 31.058 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX036528.D
Acq: 13 Jul 2023 15:43

Instrument :

MSVOA_X

ClientSampleId :

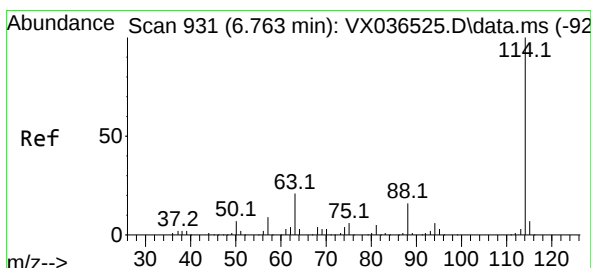
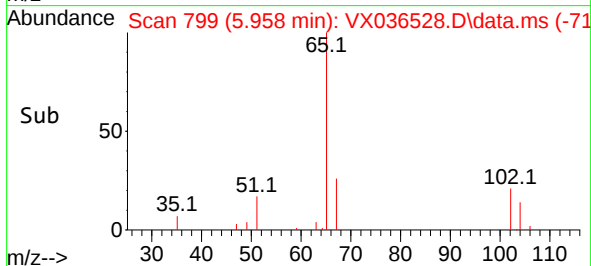
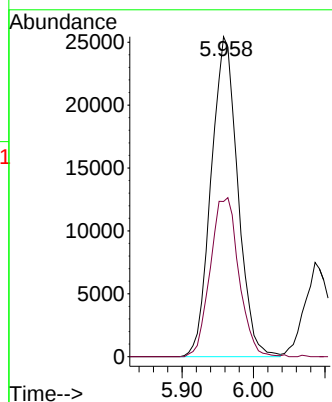
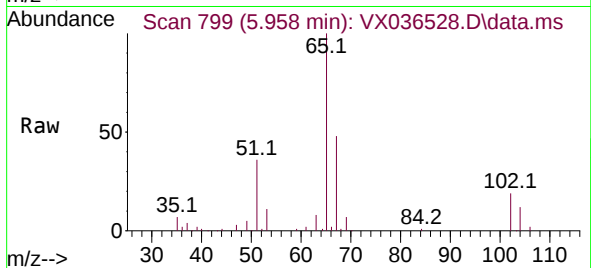
VSTDIC150

Tgt Ion: 65 Resp: 6585
Ion Ratio Lower Upper
65 100
67 53.1 42.1 63.1

Manual Integrations

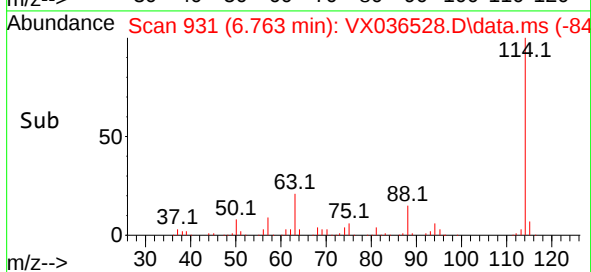
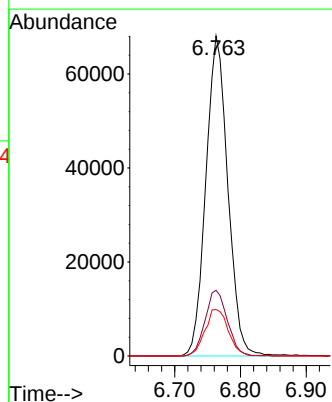
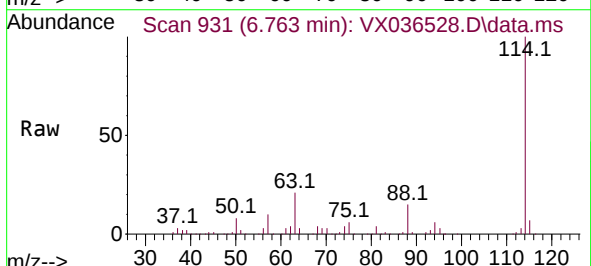
APPROVED

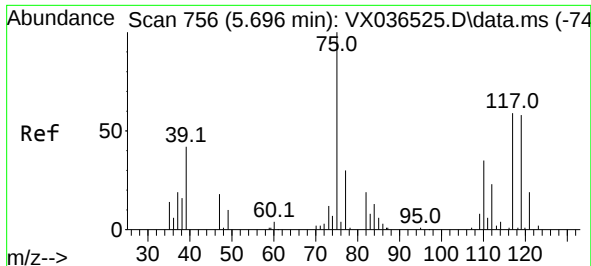
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX036528.D
Acq: 13 Jul 2023 15:43

Tgt Ion:114 Resp: 158018
Ion Ratio Lower Upper
114 100
63 20.7 16.6 24.8
88 15.4 12.9 19.3





#29

1,1-Dichloropropene

Concen: 176.437 ug/l

RT: 5.696 min Scan# 756

Delta R.T. -0.000 min

Lab File: VX036528.D

Acq: 13 Jul 2023 15:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 75 Resp: 42042

Ion Ratio Lower Upper

75 100

110 34.8 0.0 70.4

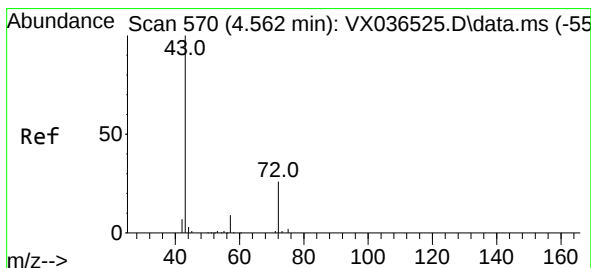
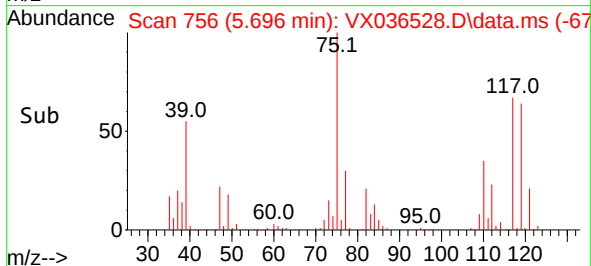
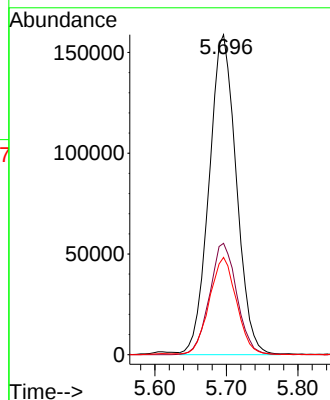
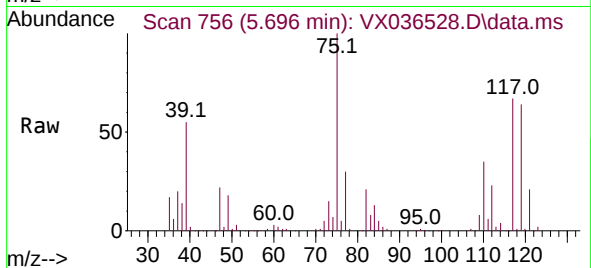
77 30.4 0.0 62.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#30

2-Butanone

Concen: 817.886 ug/l

RT: 4.562 min Scan# 570

Delta R.T. -0.000 min

Lab File: VX036528.D

Acq: 13 Jul 2023 15:43

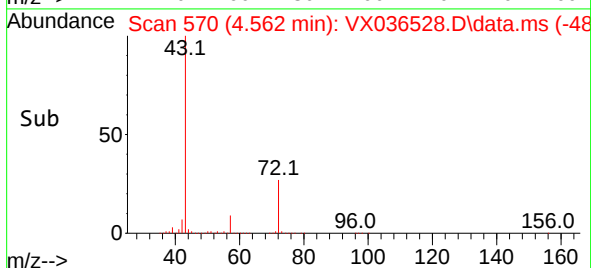
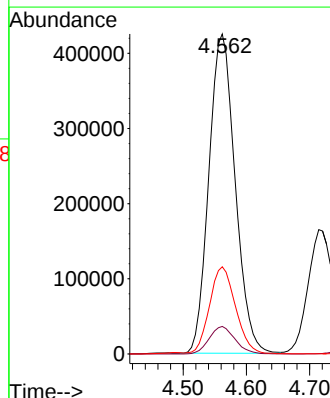
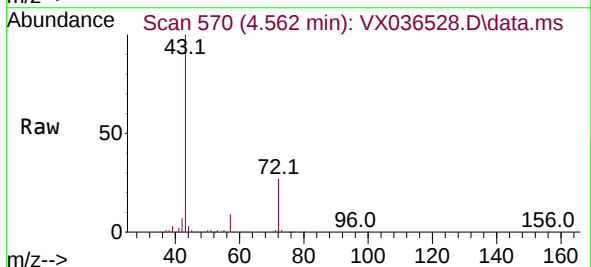
Tgt Ion: 43 Resp: 1227121

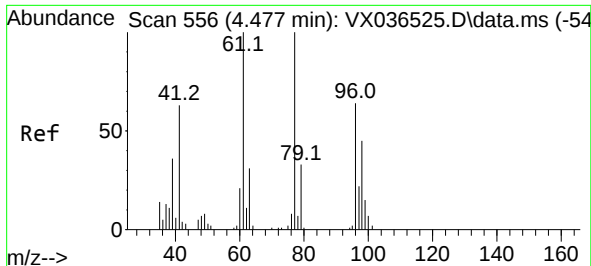
Ion Ratio Lower Upper

43 100

57 8.5 6.4 9.6

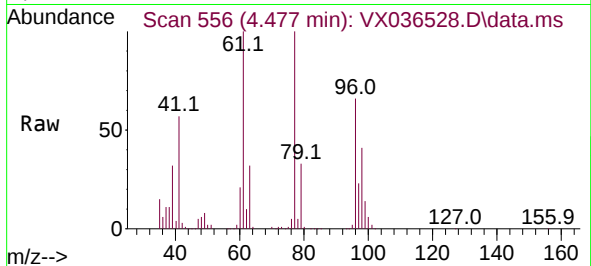
72 26.6 21.6 32.4





#31
2,2-Dichloropropane
Concen: 178.489 ug/l
RT: 4.477 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX036528.D
Acq: 13 Jul 2023 15:43

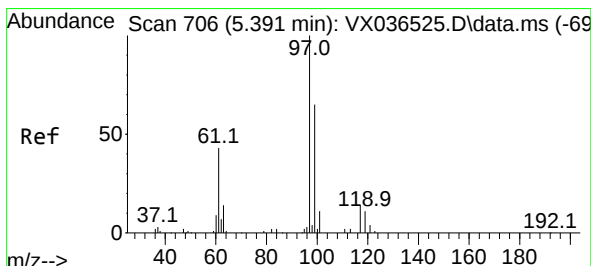
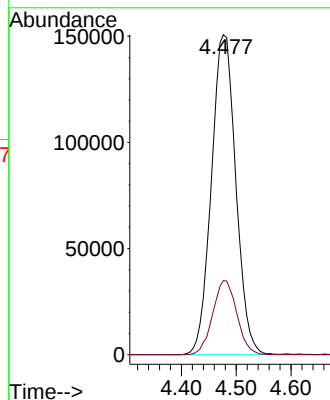
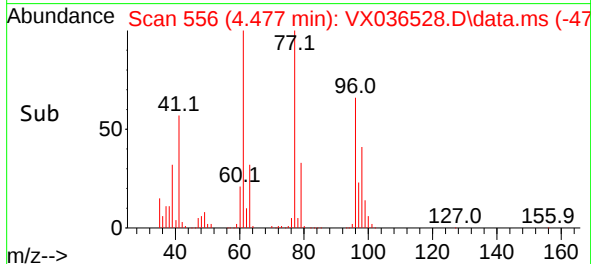
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



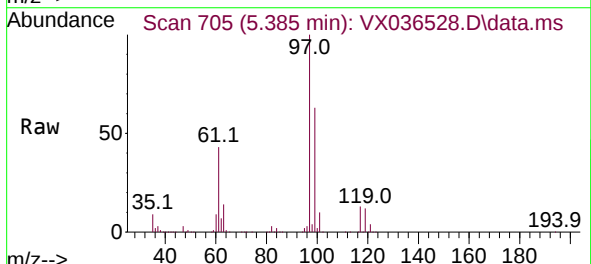
Tgt Ion: 77 Resp: 46641
Ion Ratio Lower Upper
77 100
97 22.9 18.6 27.8

Manual Integrations
APPROVED

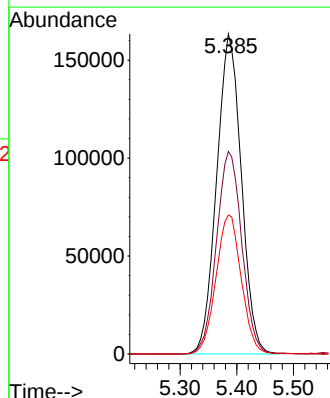
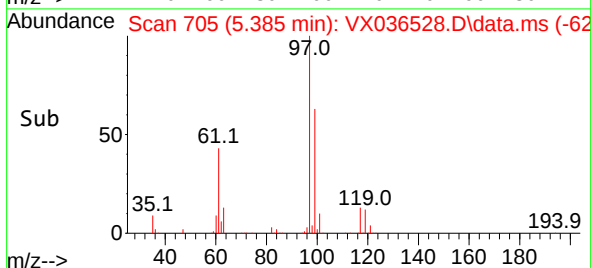
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

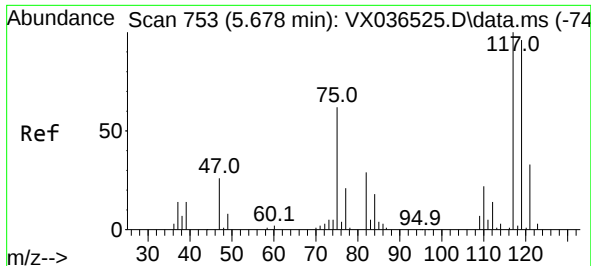


#32
1,1,1-Trichloroethane
Concen: 174.636 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX036528.D
Acq: 13 Jul 2023 15:43



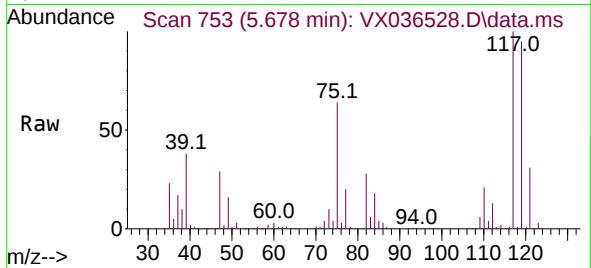
Tgt Ion: 97 Resp: 494475
Ion Ratio Lower Upper
97 100
99 64.8 51.5 77.3
61 44.4 35.8 53.8





#33
Carbon Tetrachloride
Concen: 180.105 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX036528.D
Acq: 13 Jul 2023 15:43

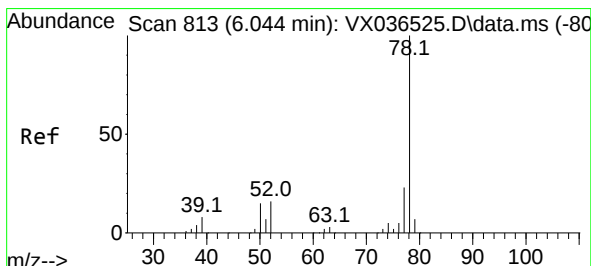
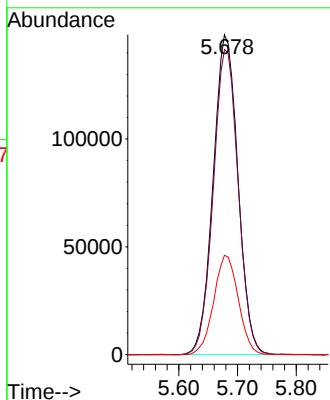
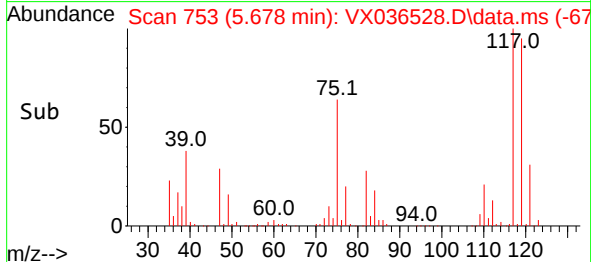
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion:117 Resp: 435054
Ion Ratio Lower Upper
117 100
119 95.3 76.6 115.0
121 31.0 26.5 39.7

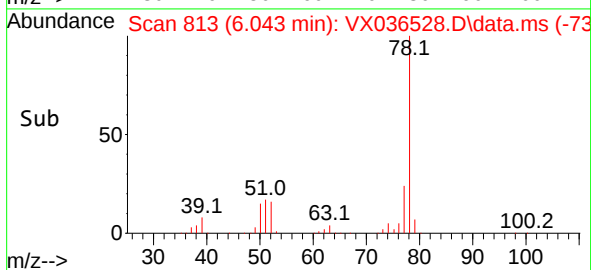
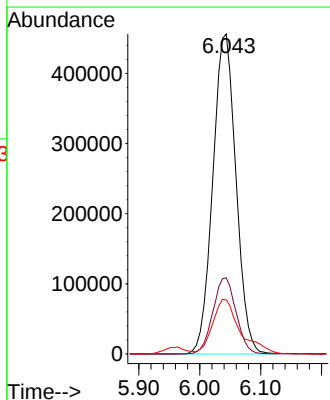
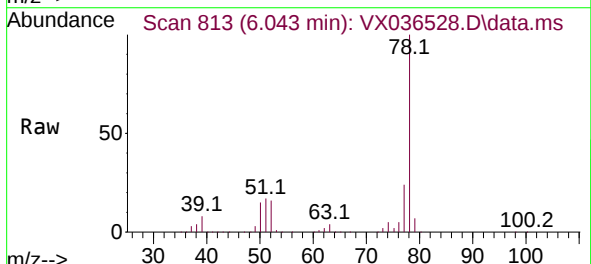
Manual Integrations
APPROVED

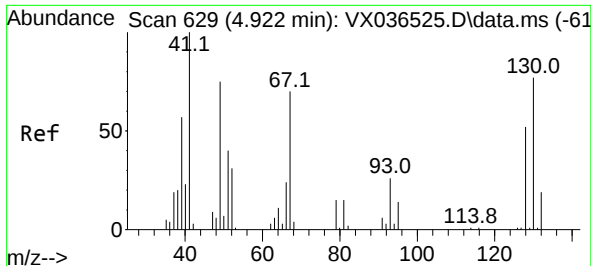
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#34
Benzene
Concen: 164.223 ug/l
RT: 6.043 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX036528.D
Acq: 13 Jul 2023 15:43

Tgt Ion: 78 Resp: 1206212
Ion Ratio Lower Upper
78 100
77 23.8 18.7 28.1
51 16.6 14.2 21.4





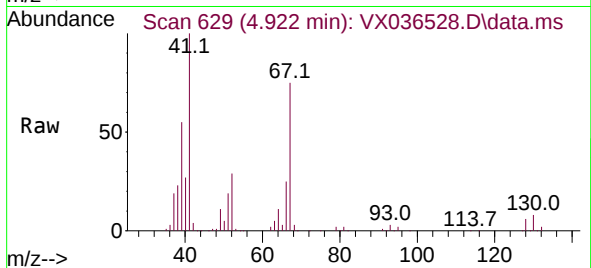
#35
Methacrylonitrile
Concen: 165.171 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX036528.D
Acq: 13 Jul 2023 15:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150



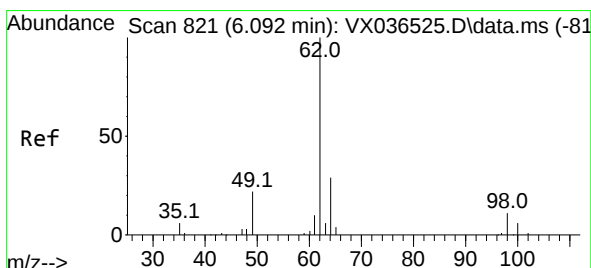
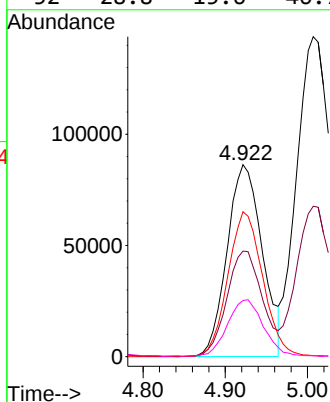
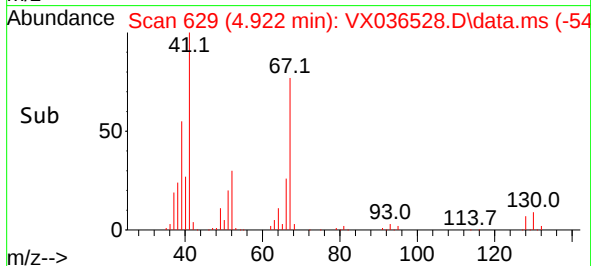
Tgt Ion: 41 Resp: 25711
Ion Ratio Lower Upper
41 100
39 55.1 28.2 84.7
67 75.5 35.0 105.1
52 28.8 15.6 46.7

Manual Integrations

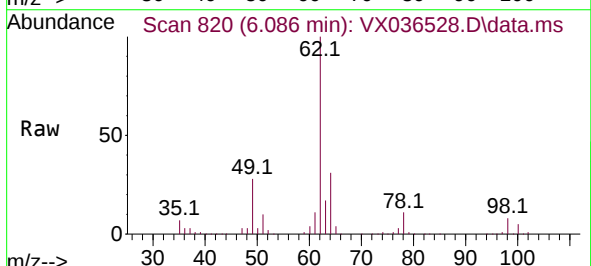
APPROVED

Reviewed By :John Carlone 07/14/2023

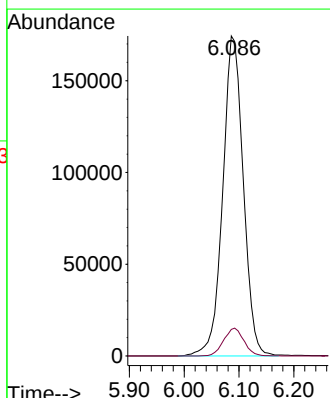
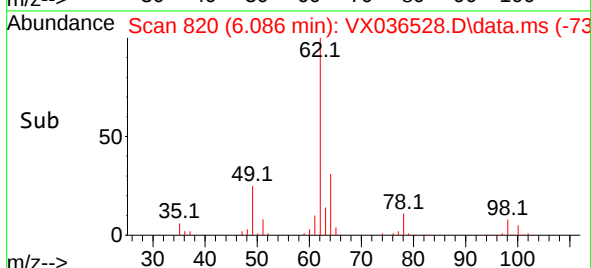
Supervised By :Semsettin Yesilyurt 07/14/2023

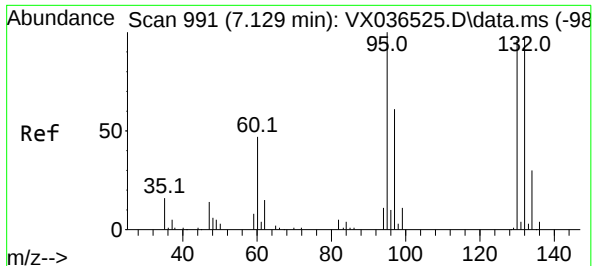


#36
1,2-Dichloroethane
Concen: 161.443 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX036528.D
Acq: 13 Jul 2023 15:43



Tgt Ion: 62 Resp: 455003
Ion Ratio Lower Upper
62 100
98 8.6 7.0 10.6





#37

Trichloroethene

Concen: 171.599 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX036528.D

Acq: 13 Jul 2023 15:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:130 Resp: 331719

Ion Ratio Lower Upper

130 100

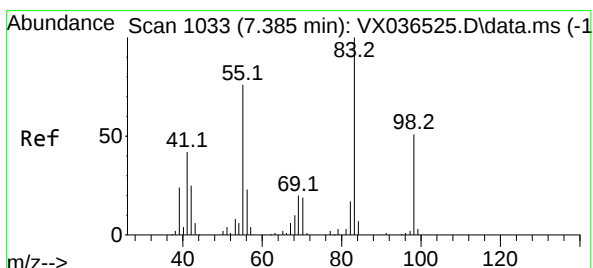
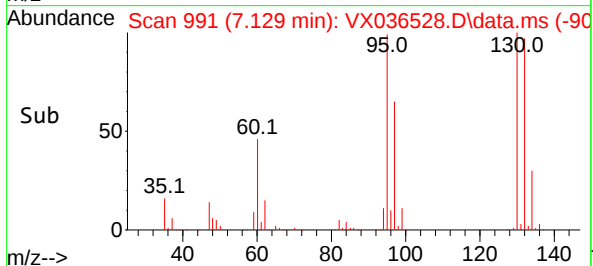
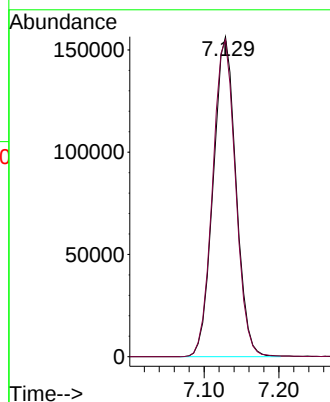
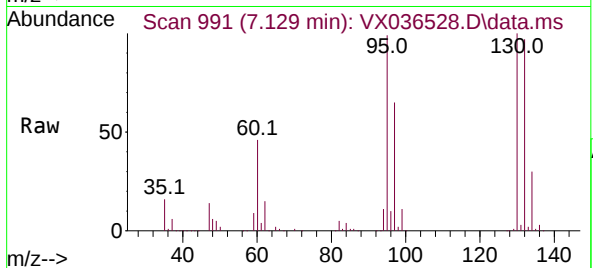
95 99.1 83.2 124.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#38

Methylcyclohexane

Concen: 185.641 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX036528.D

Acq: 13 Jul 2023 15:43

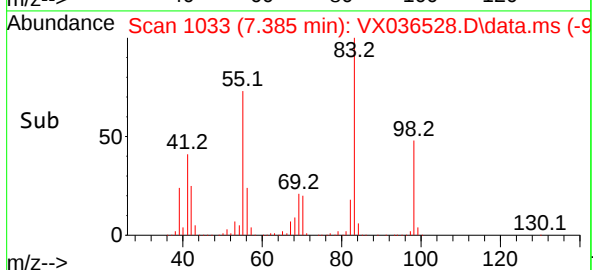
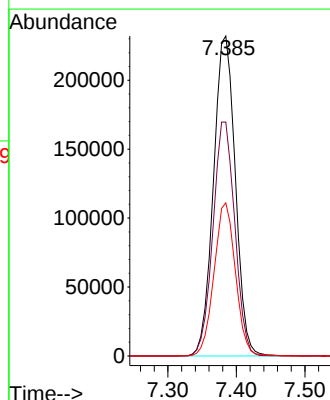
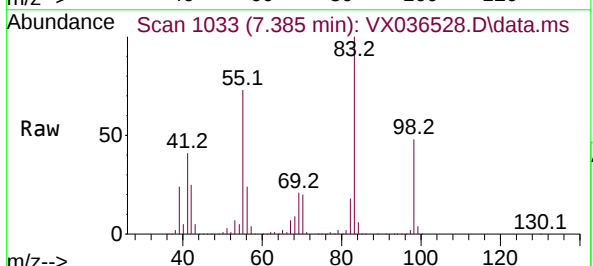
Tgt Ion: 83 Resp: 514616

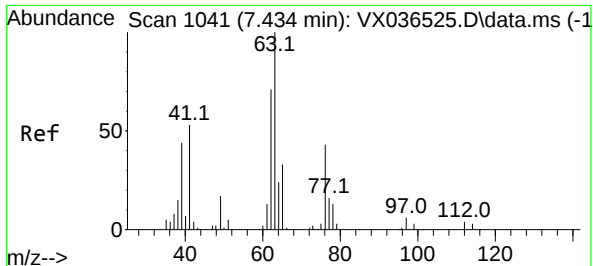
Ion Ratio Lower Upper

83 100

55 73.2 38.1 114.5

98 46.8 24.4 73.4





#39

1,2-Dichloropropane

Concen: 165.173 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX036528.D

Acq: 13 Jul 2023 15:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 63 Resp: 32885

Ion Ratio Lower Upper

63 100

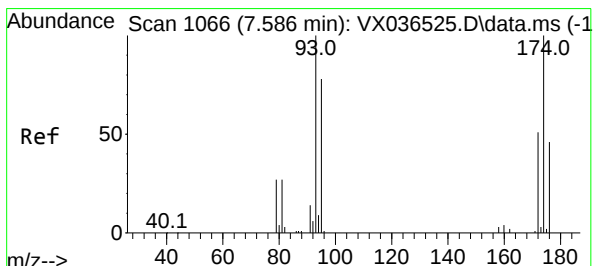
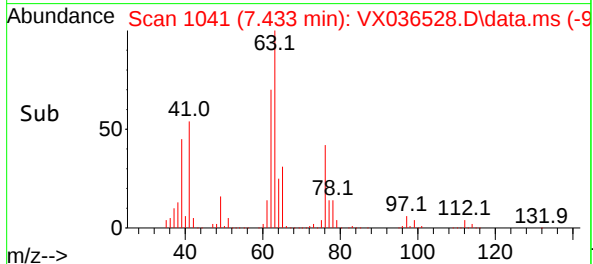
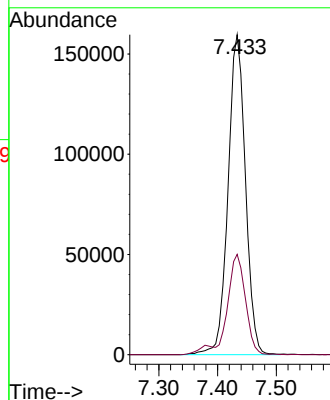
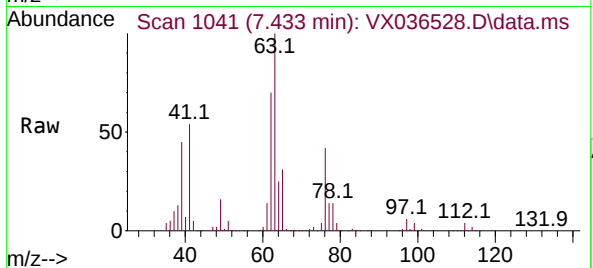
65 31.4 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#40

Dibromomethane

Concen: 163.311 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX036528.D

Acq: 13 Jul 2023 15:43

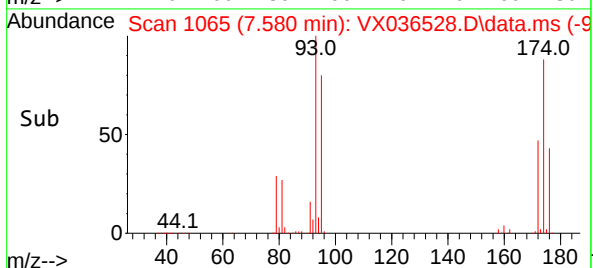
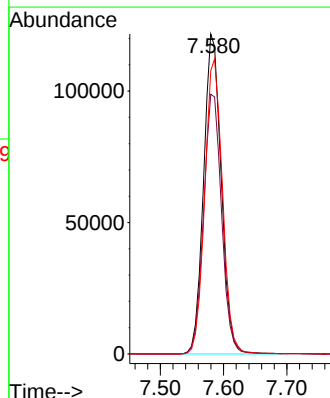
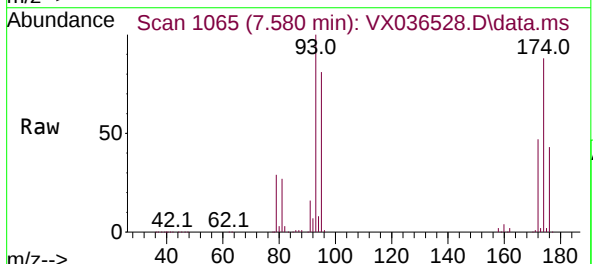
Tgt Ion: 93 Resp: 235513

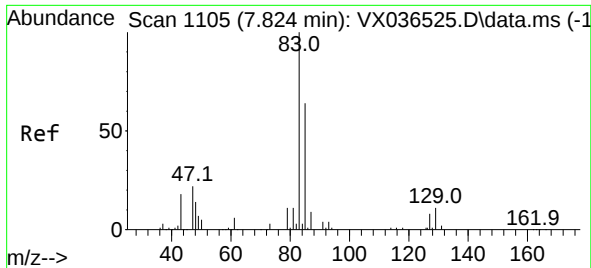
Ion Ratio Lower Upper

93 100

95 82.9 0.0 166.8

174 92.6 0.0 191.6





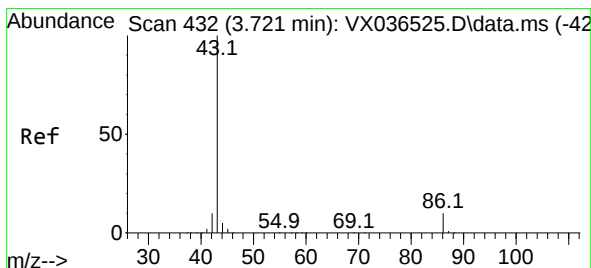
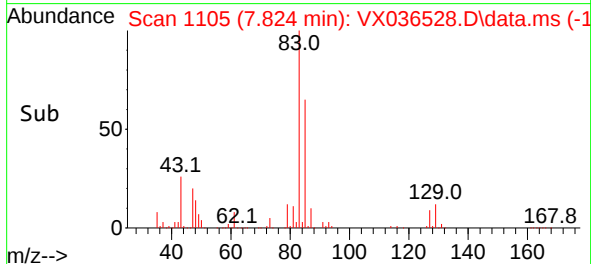
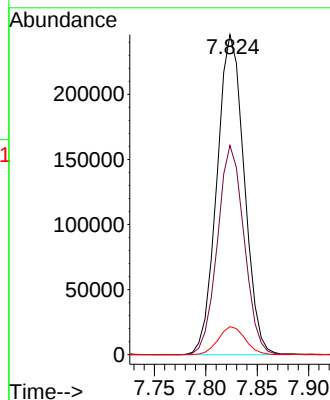
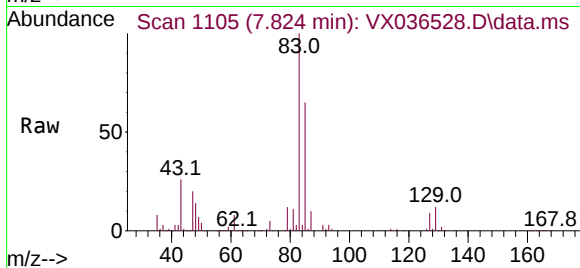
#41
Bromodichloromethane
Concen: 173.172 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX036528.D
Acq: 13 Jul 2023 15:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 83 Resp: 453244
Ion Ratio Lower Upper
83 100
85 65.4 51.5 77.3
127 8.8 6.4 9.6

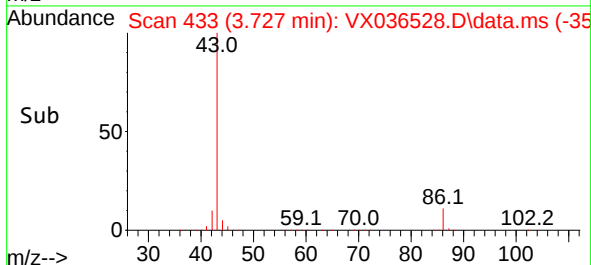
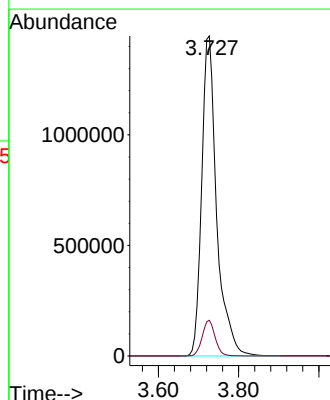
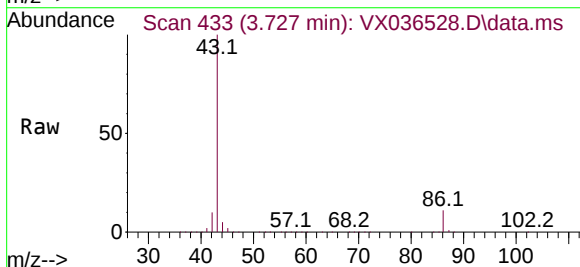
Manual Integrations
APPROVED

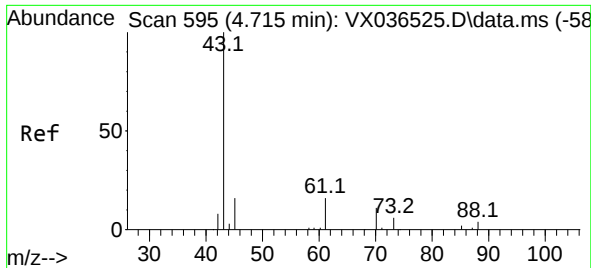
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#42
Vinyl Acetate
Concen: 829.209 ug/l
RT: 3.727 min Scan# 433
Delta R.T. 0.006 min
Lab File: VX036528.D
Acq: 13 Jul 2023 15:43

Tgt Ion: 43 Resp: 3757833
Ion Ratio Lower Upper
43 100
86 9.6 7.4 11.0





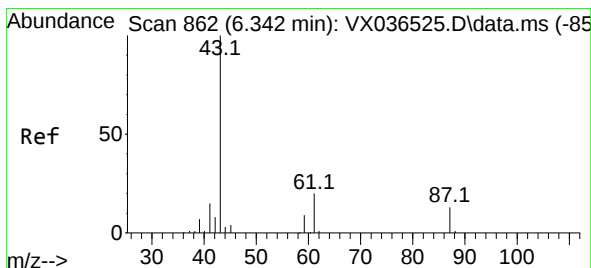
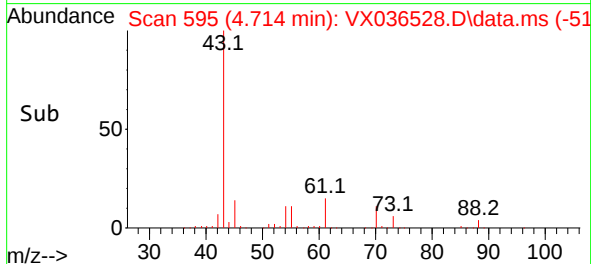
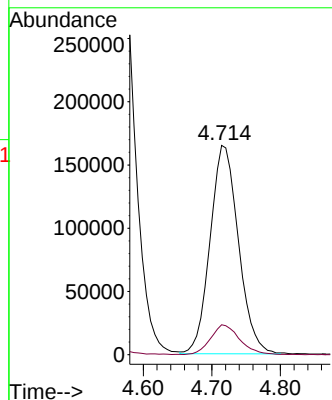
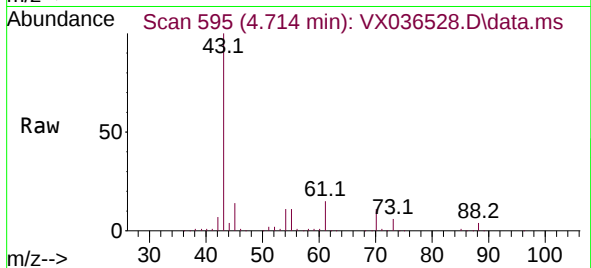
#43
Ethyl Acetate
Concen: 162.050 ug/l
RT: 4.714 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX036528.D
Acq: 13 Jul 2023 15:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 473260
Ion Ratio Lower Upper
43 100
45 14.7 12.6 18.8

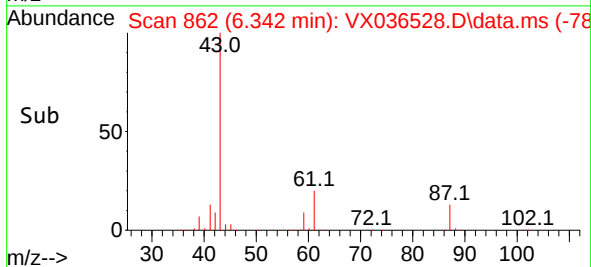
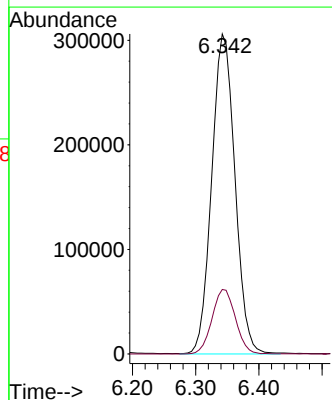
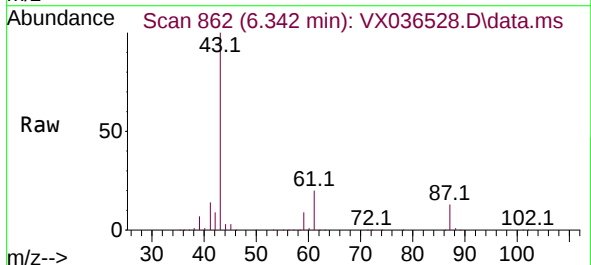
Manual Integrations
APPROVED

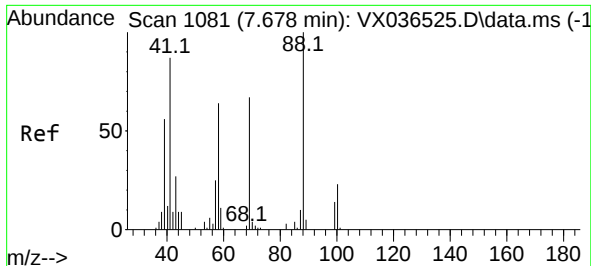
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#44
Isopropyl Acetate
Concen: 167.712 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX036528.D
Acq: 13 Jul 2023 15:43

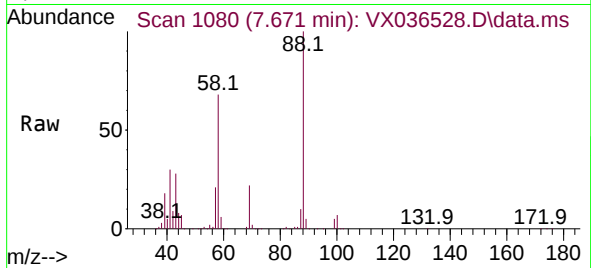
Tgt Ion: 43 Resp: 781063
Ion Ratio Lower Upper
43 100
61 20.2 15.4 23.0





#45
1,4-Dioxane
Concen: 3428.035 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX036528.D
Acq: 13 Jul 2023 15:43

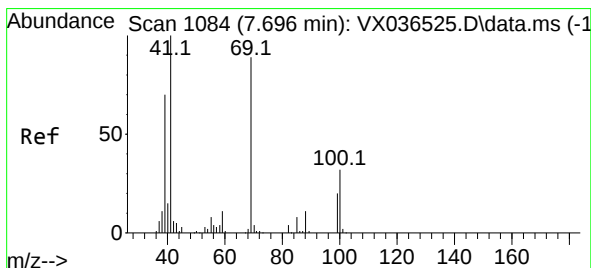
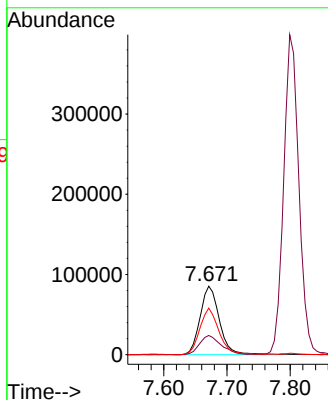
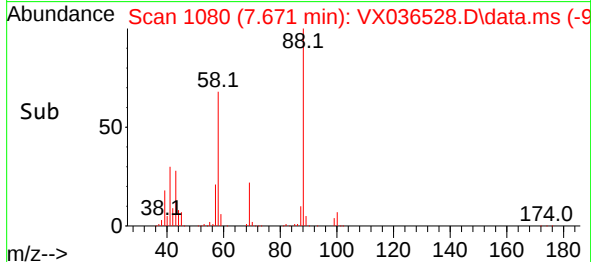
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 88 Resp: 180934
Ion Ratio Lower Upper
88 100
43 30.9 297.5 446.3
58 67.6 1.0 1.4

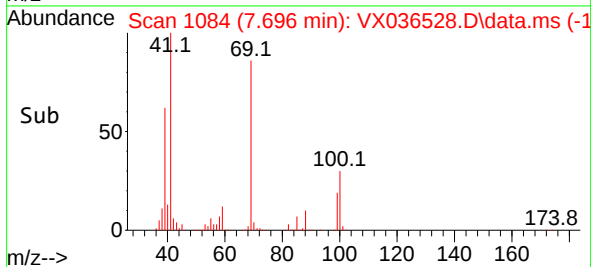
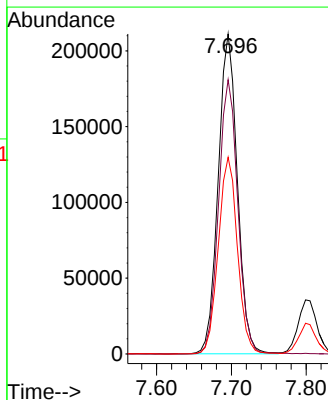
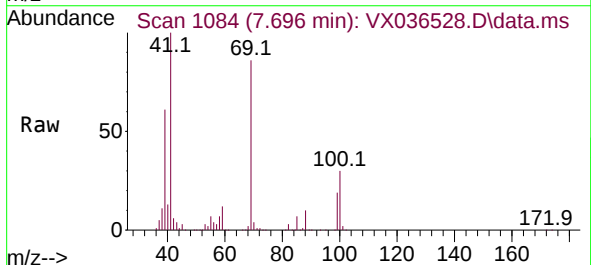
Manual Integrations
APPROVED

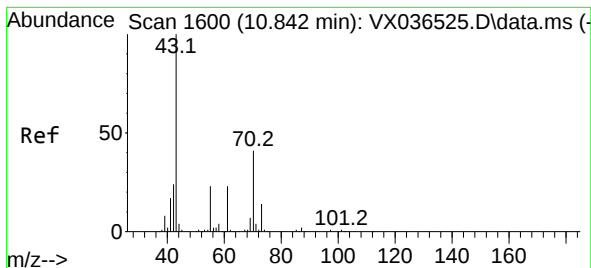
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#46
Methyl methacrylate
Concen: 169.163 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX036528.D
Acq: 13 Jul 2023 15:43

Tgt Ion: 41 Resp: 376558
Ion Ratio Lower Upper
41 100
69 85.8 44.4 133.1
39 61.5 34.9 104.7





#47

n-amy1 Acetate

Concen: 177.075 ug/l

RT: 10.847 min Scan# 1601

Delta R.T. 0.006 min

Lab File: VX036528.D

Acq: 13 Jul 2023 15:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 43 Resp: 699524

Ion Ratio Lower Upper

43 100

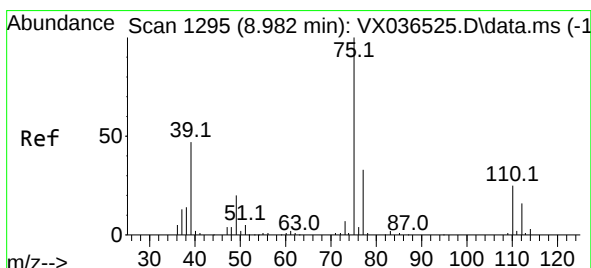
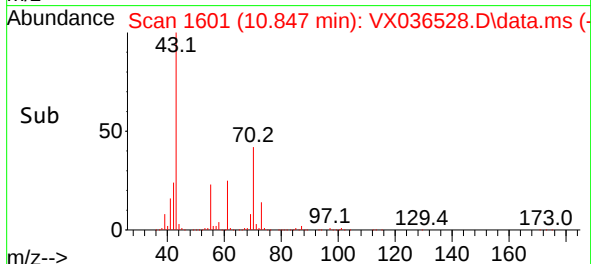
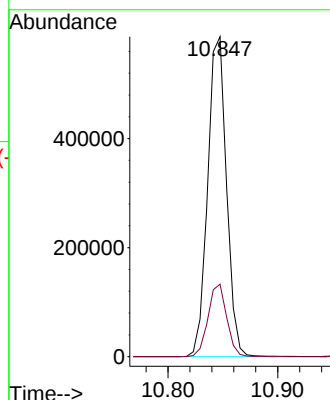
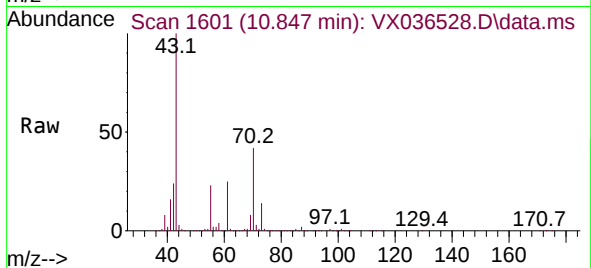
55 22.5 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#48

t-1,3-Dichloropropene

Concen: 176.231 ug/l

RT: 8.982 min Scan# 1295

Delta R.T. -0.000 min

Lab File: VX036528.D

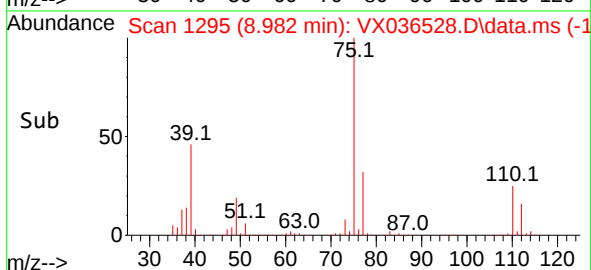
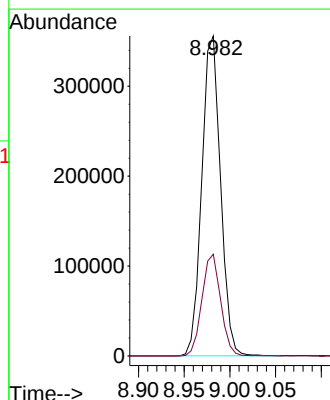
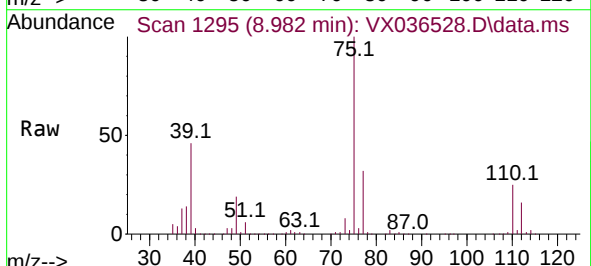
Acq: 13 Jul 2023 15:43

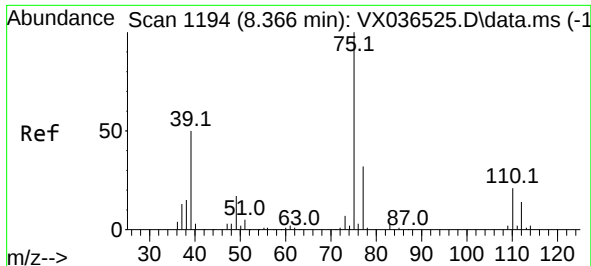
Tgt Ion: 75 Resp: 505897

Ion Ratio Lower Upper

75 100

77 31.8 26.8 40.2





#49

cis-1,3-Dichloropropene

Concen: 173.429 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX036528.D

Acq: 13 Jul 2023 15:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 75 Resp: 537798

Ion Ratio Lower Upper

75 100

77 31.0 25.4 38.2

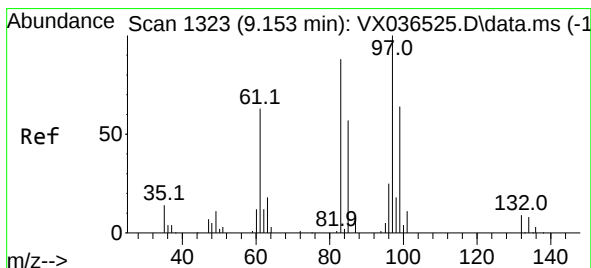
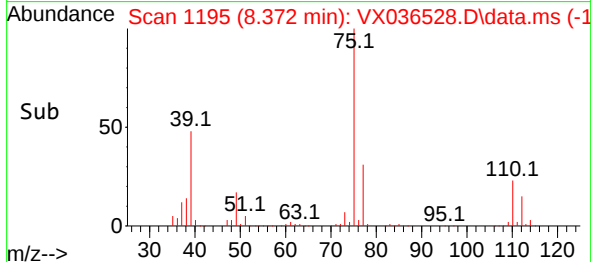
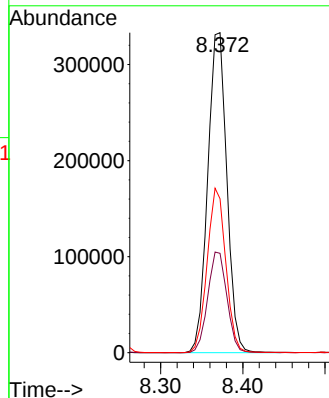
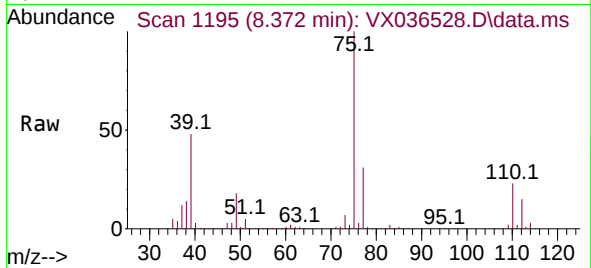
39 48.1 40.2 60.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#50

1,1,2-Trichloroethane

Concen: 161.678 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX036528.D

Acq: 13 Jul 2023 15:43

Tgt Ion: 97 Resp: 316513

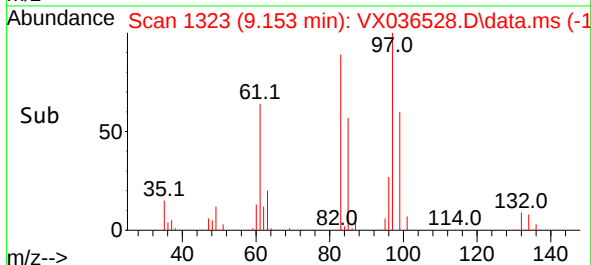
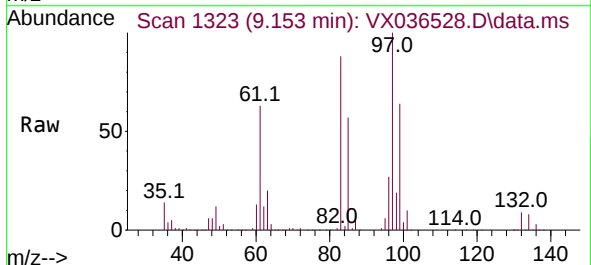
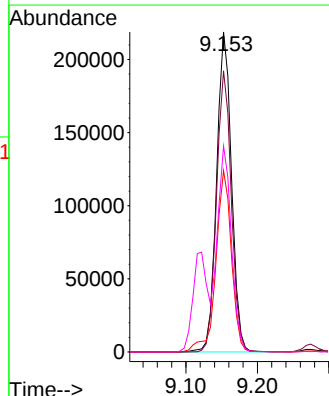
Ion Ratio Lower Upper

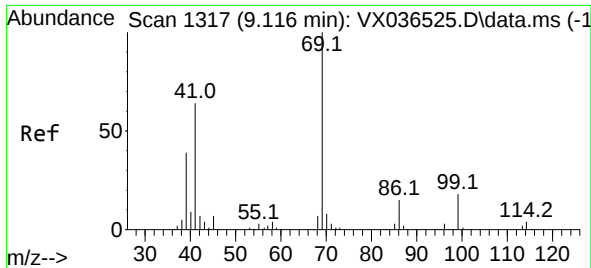
97 100

83 87.8 70.0 105.0

85 56.7 46.1 69.1

99 64.3 52.5 78.7





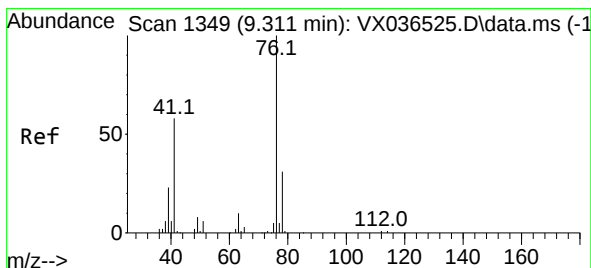
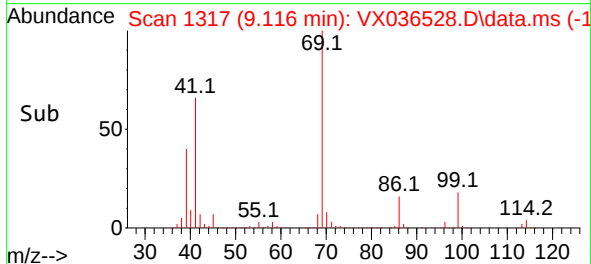
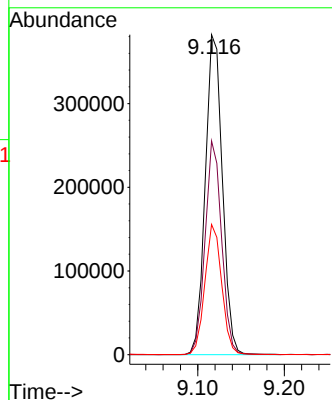
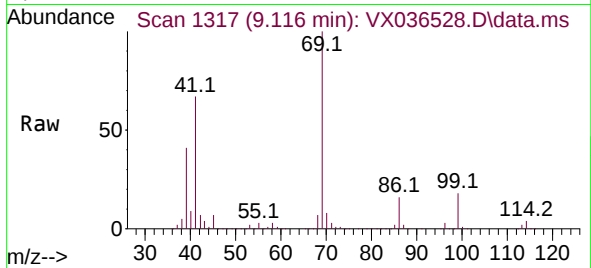
#51
Ethyl methacrylate
Concen: 170.789 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX036528.D
Acq: 13 Jul 2023 15:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 69 Resp: 524920
Ion Ratio Lower Upper
69 100
41 66.7 32.0 96.0
39 40.7 19.4 58.4

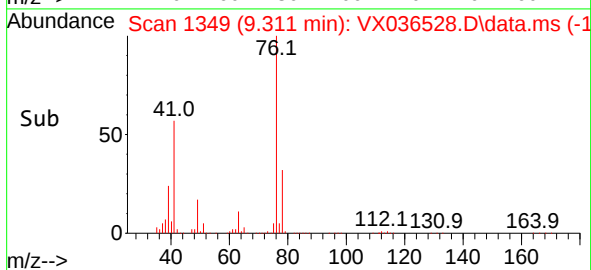
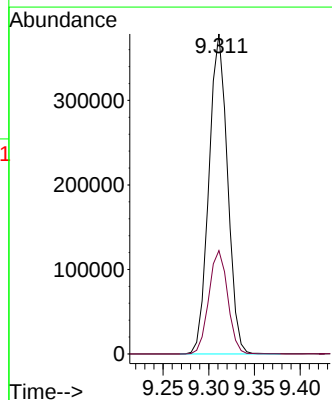
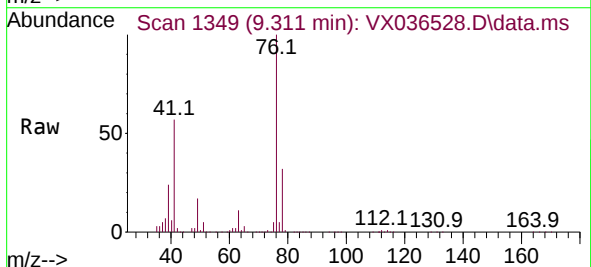
Manual Integrations
APPROVED

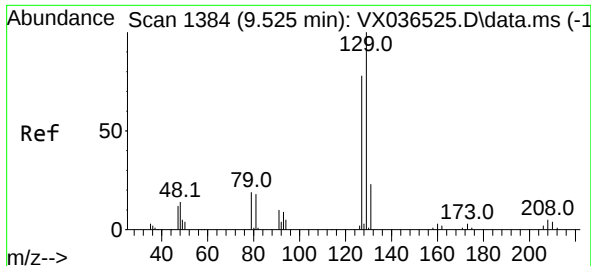
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#52
1,3-Dichloropropane
Concen: 162.115 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VX036528.D
Acq: 13 Jul 2023 15:43

Tgt Ion: 76 Resp: 535594
Ion Ratio Lower Upper
76 100
78 32.7 0.0 63.6





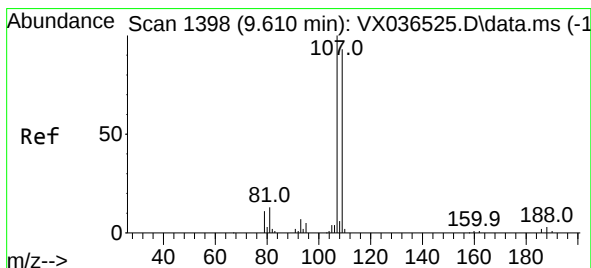
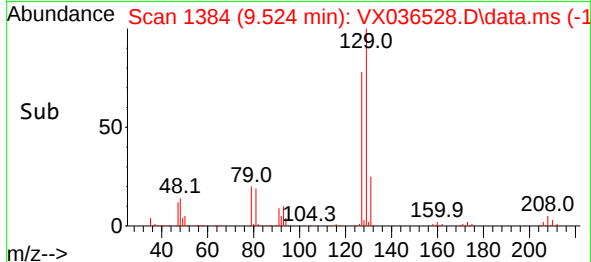
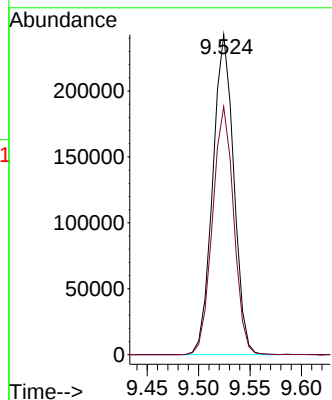
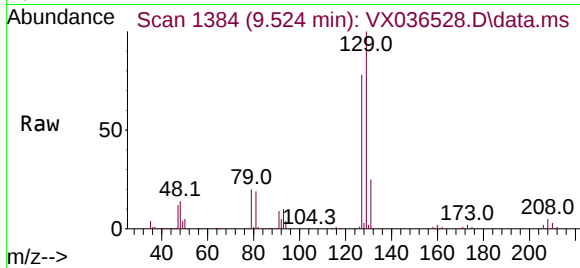
#53
Dibromochloromethane
Concen: 174.701 ug/l
RT: 9.524 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX036528.D
Acq: 13 Jul 2023 15:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:129 Resp: 345209
Ion Ratio Lower Upper
129 100
127 77.9 38.6 115.8

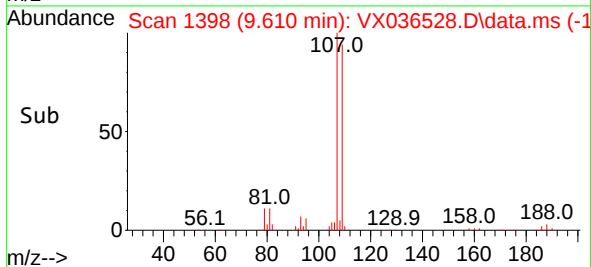
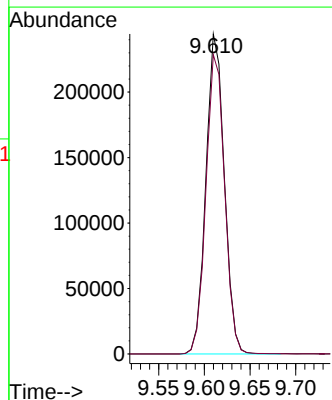
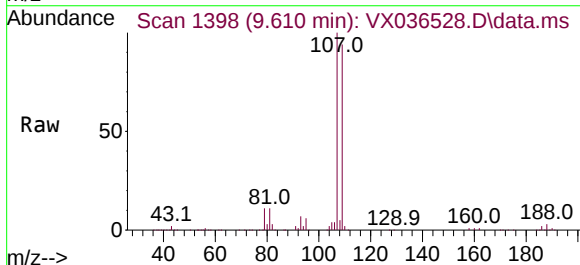
Manual Integrations
APPROVED

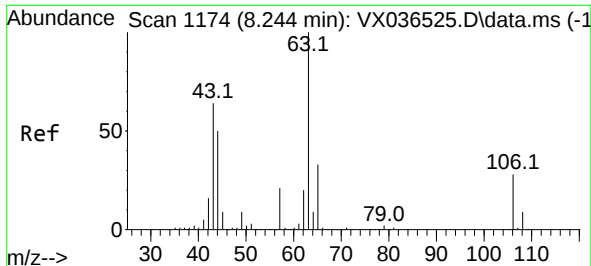
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#54
1,2-Dibromoethane
Concen: 166.379 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX036528.D
Acq: 13 Jul 2023 15:43

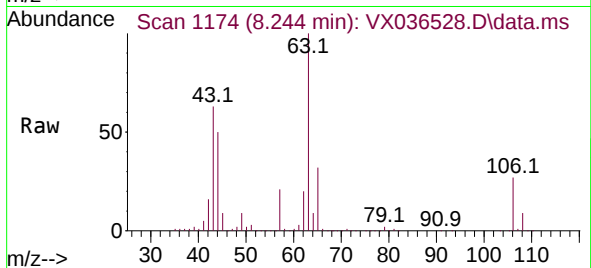
Tgt Ion:107 Resp: 342165
Ion Ratio Lower Upper
107 100
109 94.9 74.7 112.1





#55
2-Chloroethyl vinyl ether
Concen: 834.542 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VX036528.D
Acq: 13 Jul 2023 15:43

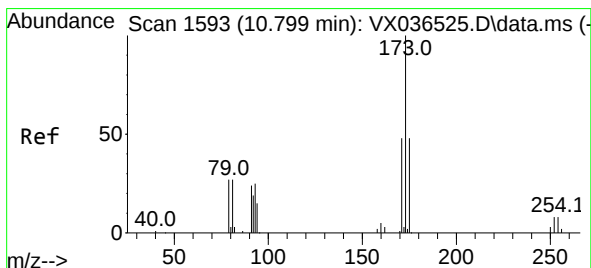
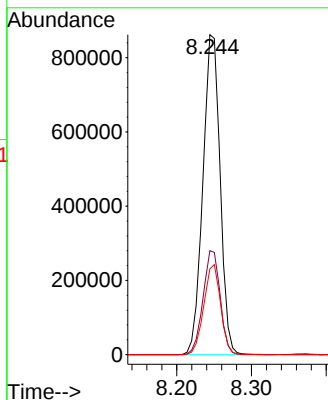
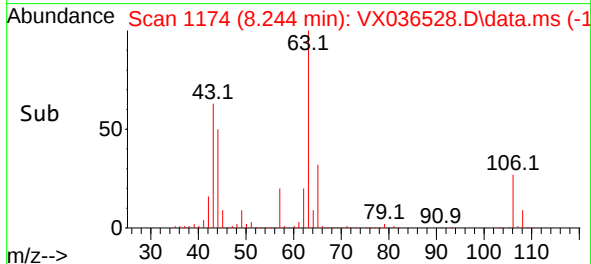
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 63 Resp: 137947
Ion Ratio Lower Upper
63 100
65 32.3 25.9 38.9
106 27.4 21.8 32.8

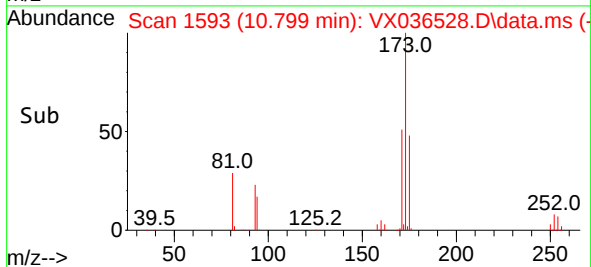
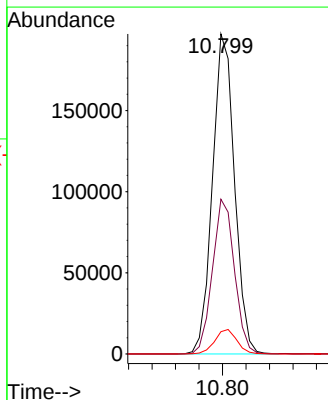
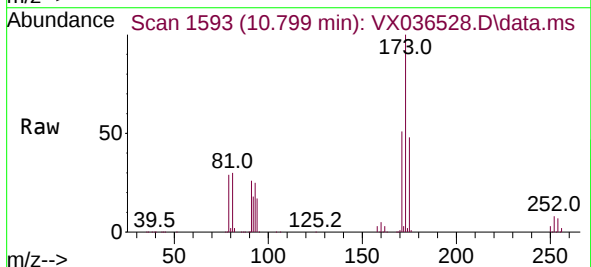
Manual Integrations
APPROVED

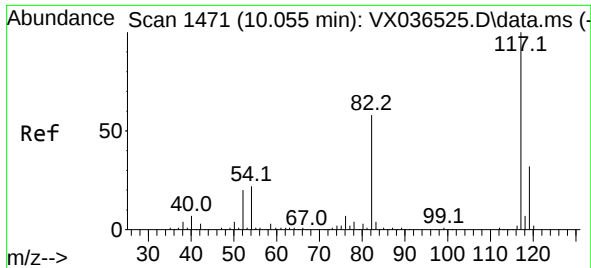
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#56
Bromoform
Concen: 186.837 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX036528.D
Acq: 13 Jul 2023 15:43

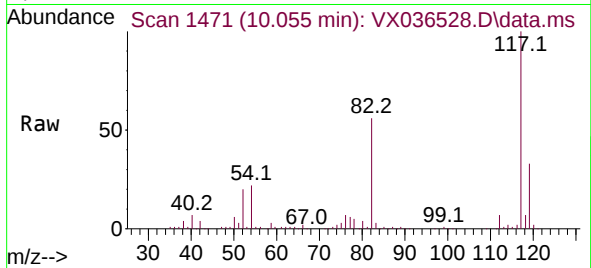
Tgt Ion:173 Resp: 256854
Ion Ratio Lower Upper
173 100
175 48.2 38.1 57.1
254 7.7 6.7 10.1





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036528.D
Acq: 13 Jul 2023 15:43

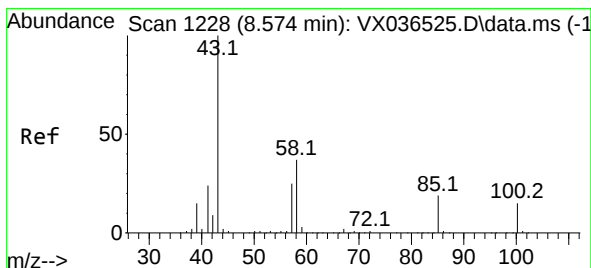
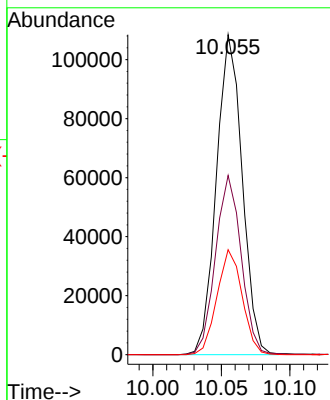
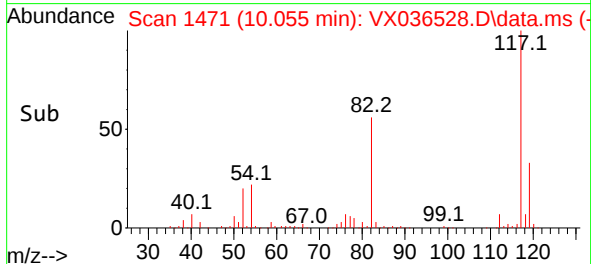
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 117 Resp: 14208
Ion Ratio Lower Upper
117 100
82 55.8 44.7 67.1
119 32.0 25.6 38.4

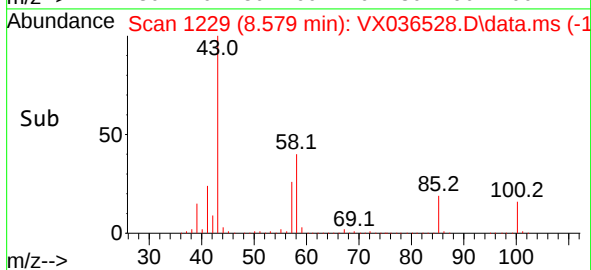
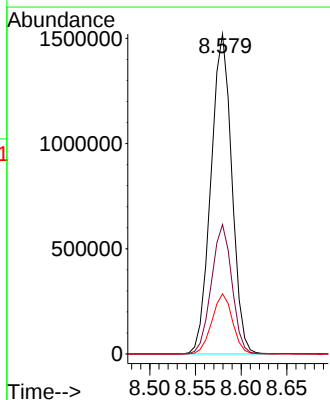
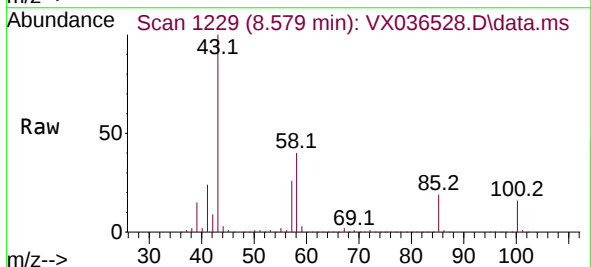
Manual Integrations
APPROVED

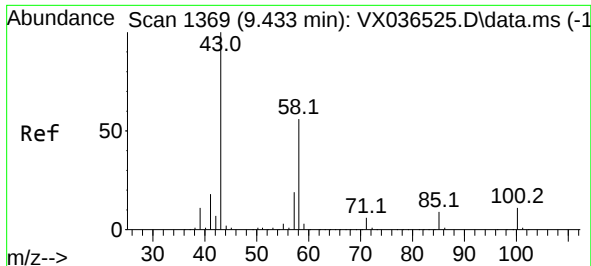
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#58
4-Methyl-2-Pentanone
Concen: 821.783 ug/l
RT: 8.579 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX036528.D
Acq: 13 Jul 2023 15:43

Tgt Ion: 43 Resp: 2414445
Ion Ratio Lower Upper
43 100
58 39.8 30.9 46.3
85 18.5 14.4 21.6





#59

2-Hexanone

Concen: 840.873 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. -0.000 min

Lab File: VX036528.D

Acq: 13 Jul 2023 15:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 43 Resp: 1879494

Ion Ratio Lower Upper

43 100

58 54.7 43.4 65.2

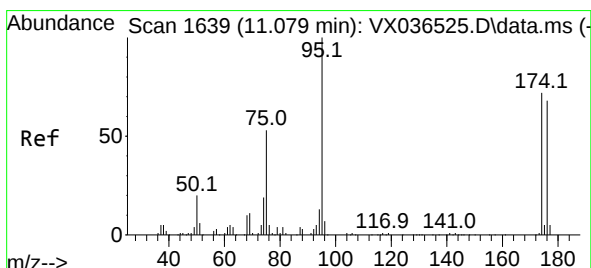
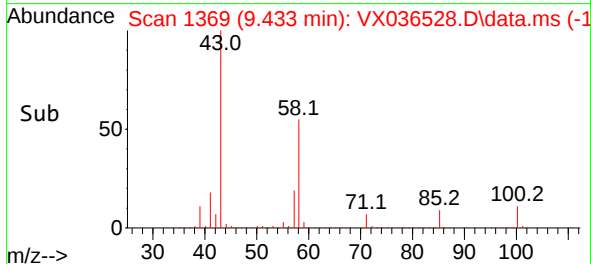
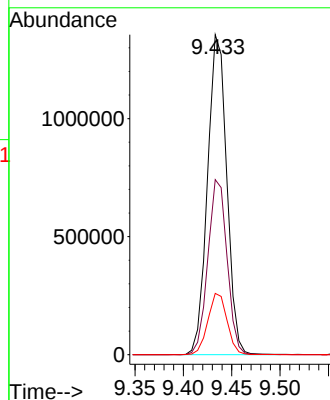
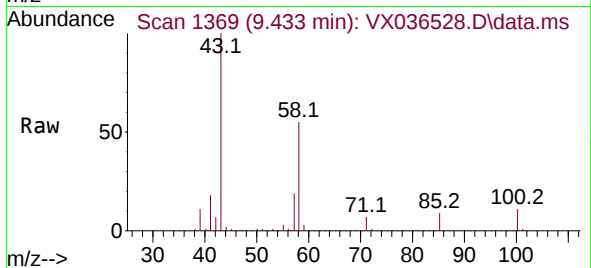
57 19.1 15.1 22.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#60

4-Bromofluorobenzene

Concen: 30.754 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX036528.D

Acq: 13 Jul 2023 15:43

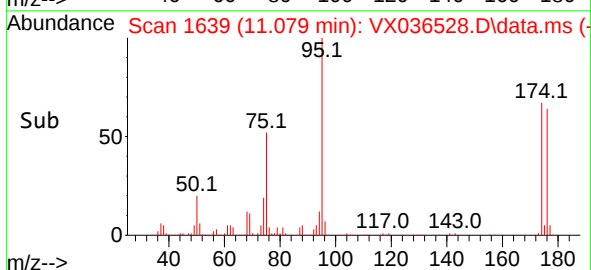
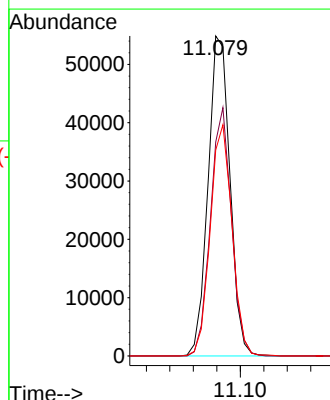
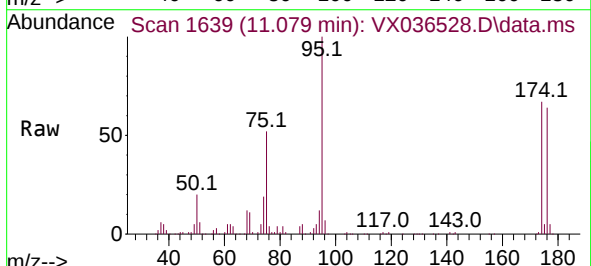
Tgt Ion: 95 Resp: 70879

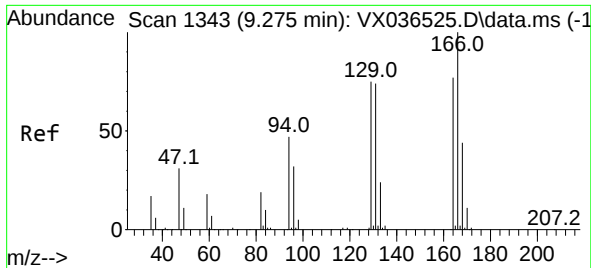
Ion Ratio Lower Upper

95 100

174 74.4 60.5 90.7

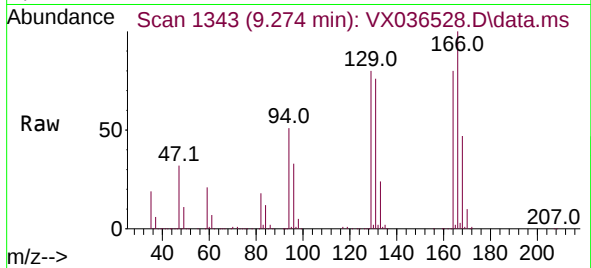
176 71.9 58.2 87.4





#61
Tetrachloroethene
Concen: 164.882 ug/l
RT: 9.274 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036528.D
Acq: 13 Jul 2023 15:43

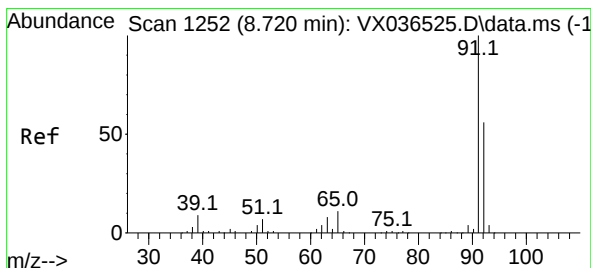
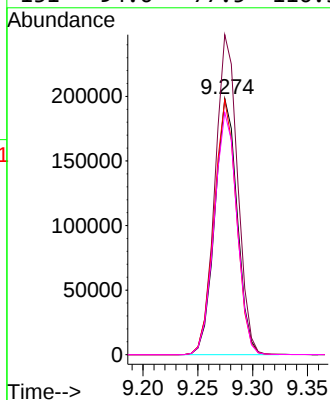
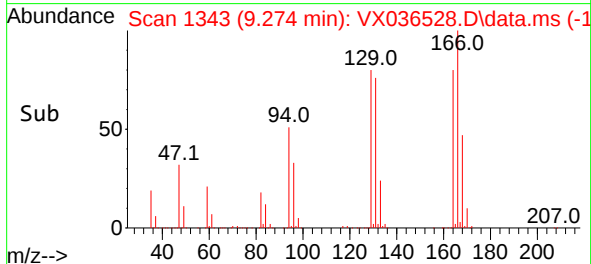
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



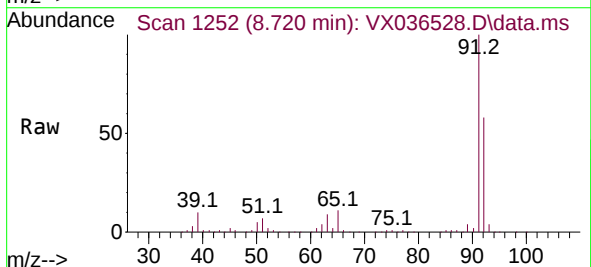
Tgt Ion:164 Resp: 28059
Ion Ratio Lower Upper
164 100
166 124.9 104.5 156.7
129 99.5 78.0 117.0
131 94.6 77.5 116.3

Manual Integrations
APPROVED

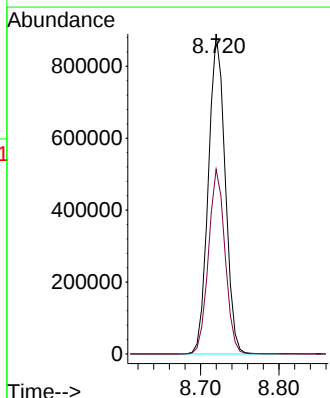
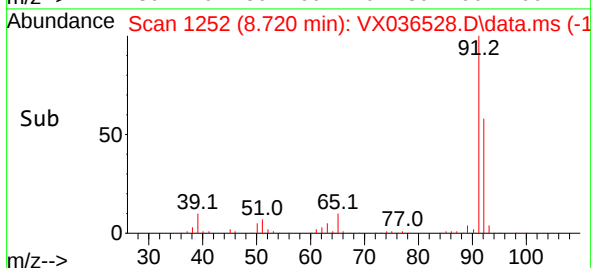
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

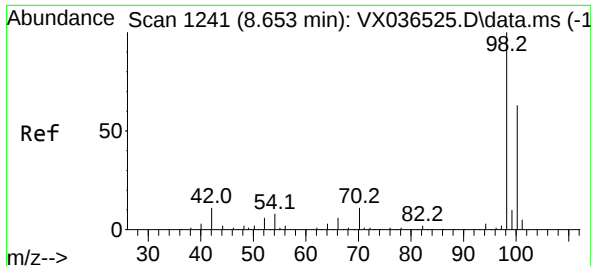


#62
Toluene
Concen: 165.517 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX036528.D
Acq: 13 Jul 2023 15:43



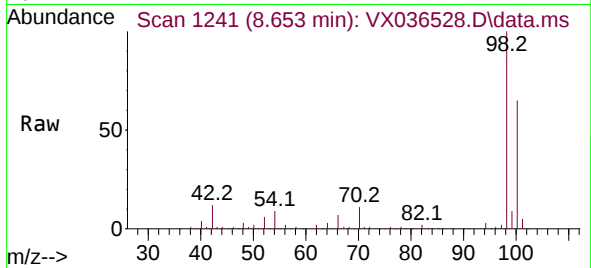
Tgt Ion: 91 Resp: 1319488
Ion Ratio Lower Upper
91 100
92 57.0 44.9 67.3





#63
Toluene-d8
Concen: 29.668 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX036528.D
Acq: 13 Jul 2023 15:43

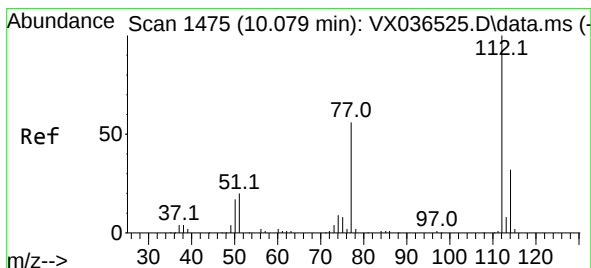
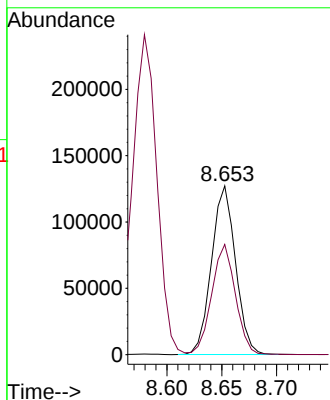
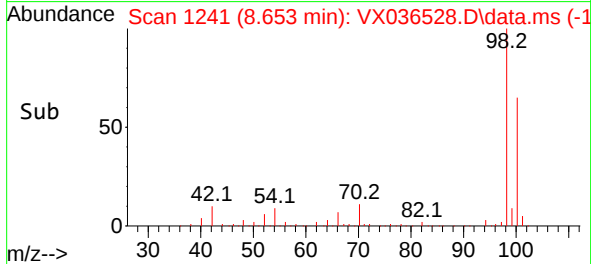
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



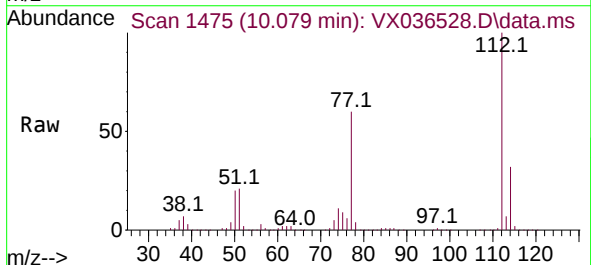
Tgt Ion: 98 Resp: 193974
Ion Ratio Lower Upper
98 100
100 64.6 51.6 77.4

Manual Integrations
APPROVED

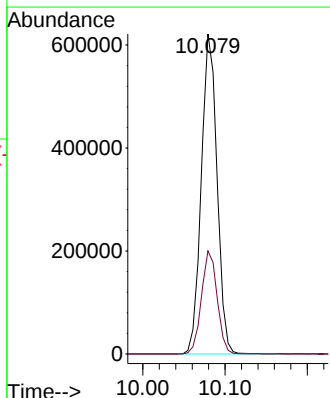
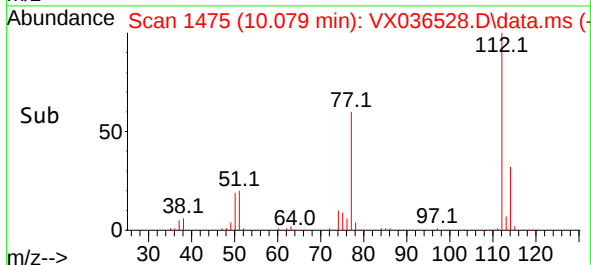
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

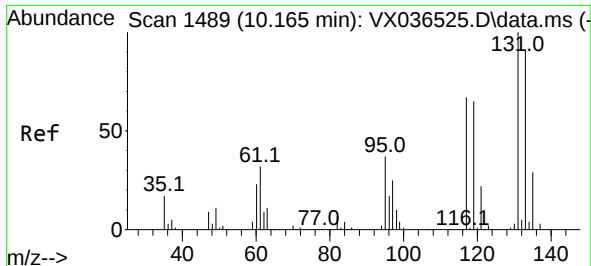


#64
Chlorobenzene
Concen: 166.450 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX036528.D
Acq: 13 Jul 2023 15:43



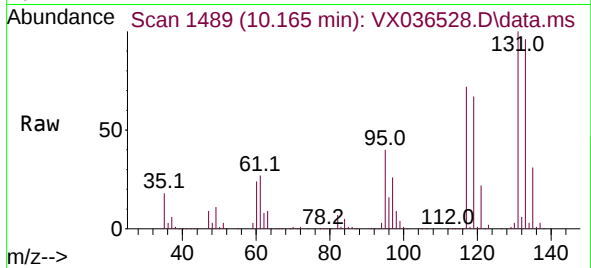
Tgt Ion:112 Resp: 826097
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 171.282 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX036528.D
Acq: 13 Jul 2023 15:43

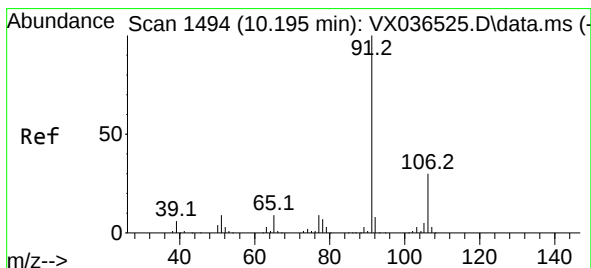
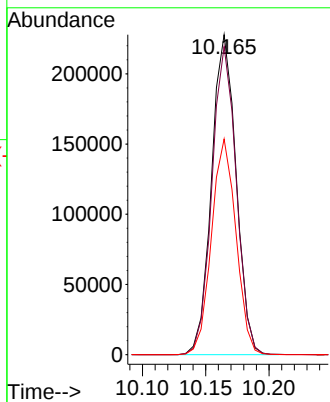
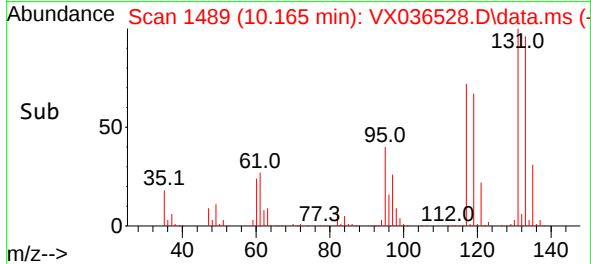
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:131 Resp: 307000
Ion Ratio Lower Upper
131 100
133 95.6 0.0 192.0
119 67.2 0.0 132.8

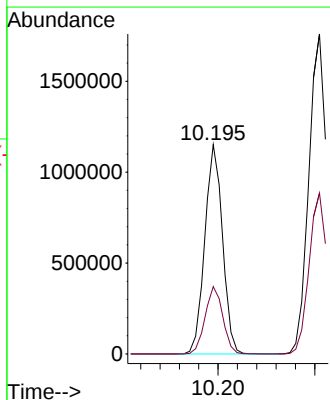
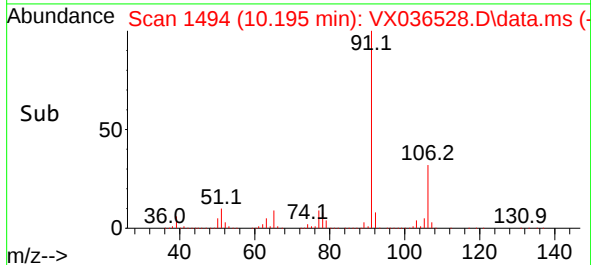
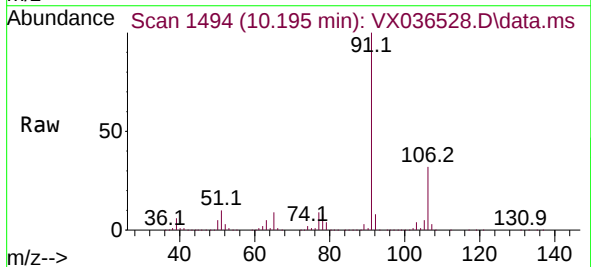
Manual Integrations
APPROVED

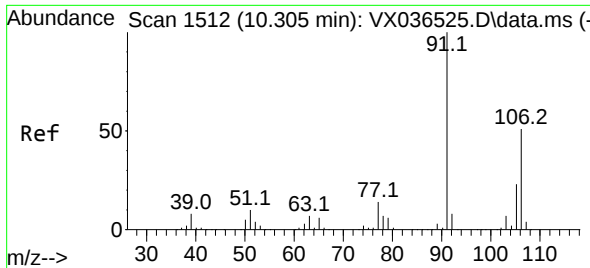
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#66
Ethyl Benzene
Concen: 169.372 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX036528.D
Acq: 13 Jul 2023 15:43

Tgt Ion: 91 Resp: 1467430
Ion Ratio Lower Upper
91 100
106 32.2 24.2 36.4





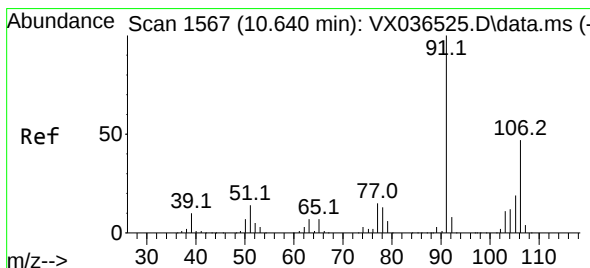
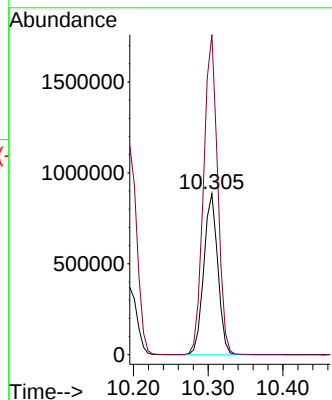
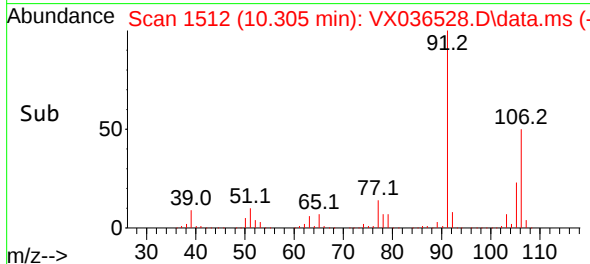
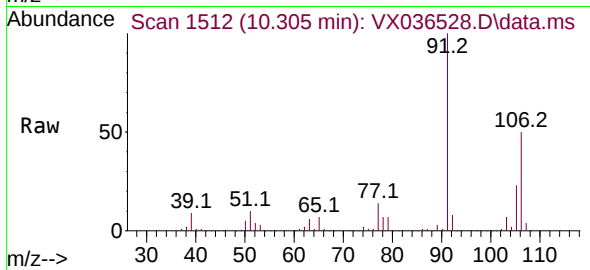
#67
m/p-Xylenes
Concen: 340.912 ug/l
RT: 10.305 min Scan# 115147
Delta R.T. -0.000 min
Lab File: VX036528.D
Acq: 13 Jul 2023 15:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:106 Resp: 115147
Ion Ratio Lower Upper
106 100
91 199.7 160.5 240.7

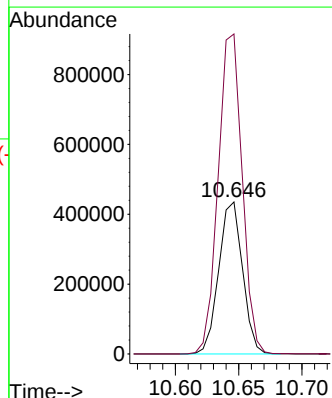
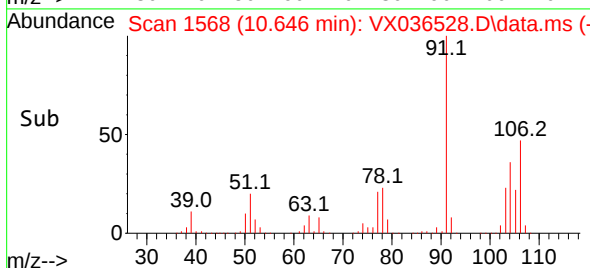
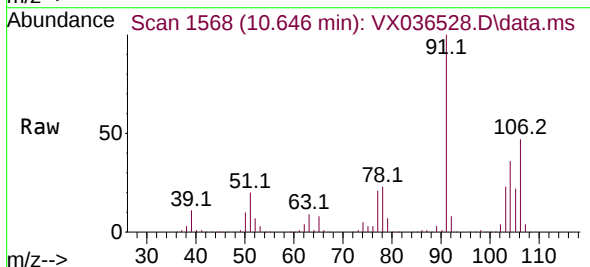
Manual Integrations
APPROVED

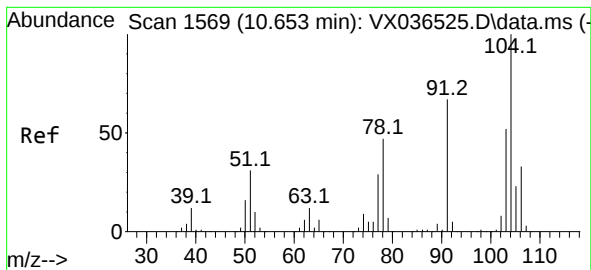
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#68
o-Xylene
Concen: 170.011 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX036528.D
Acq: 13 Jul 2023 15:43

Tgt Ion:106 Resp: 569907
Ion Ratio Lower Upper
106 100
91 212.3 105.4 316.1





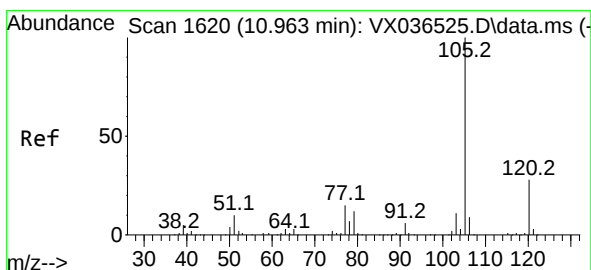
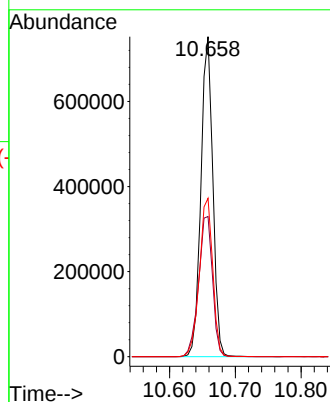
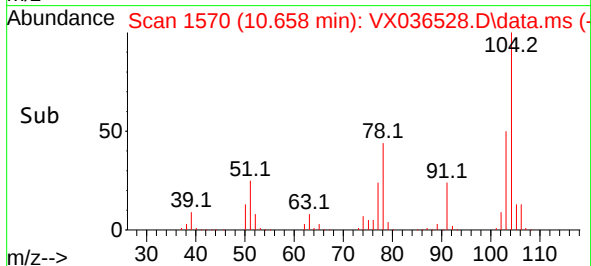
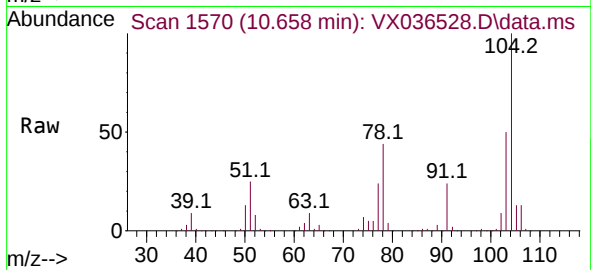
#69
Styrene
Concen: 173.929 ug/l
RT: 10.658 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VX036528.D
Acq: 13 Jul 2023 15:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:104 Resp: 945312
Ion Ratio Lower Upper
104 100
78 51.2 41.0 61.4
103 55.5 45.5 68.3

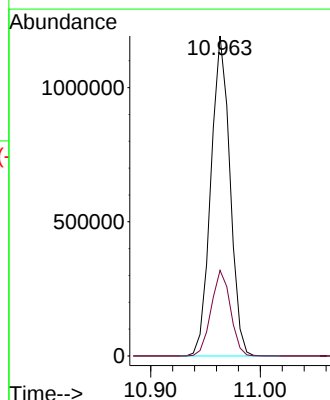
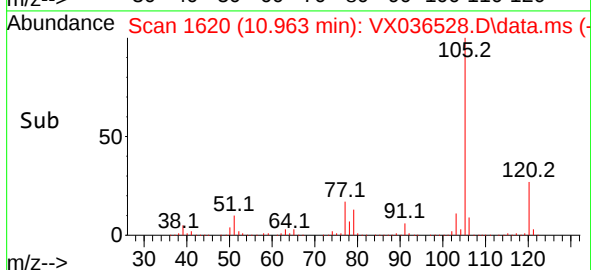
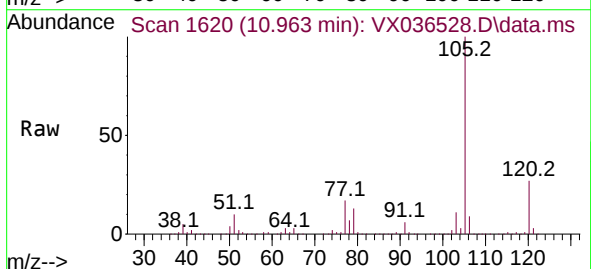
Manual Integrations
APPROVED

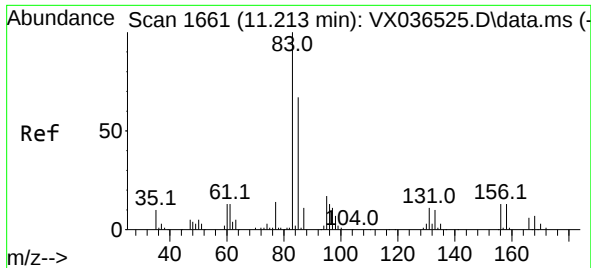
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#70
Isopropylbenzene
Concen: 172.677 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX036528.D
Acq: 13 Jul 2023 15:43

Tgt Ion:105 Resp: 1441704
Ion Ratio Lower Upper
105 100
120 26.9 19.5 36.3





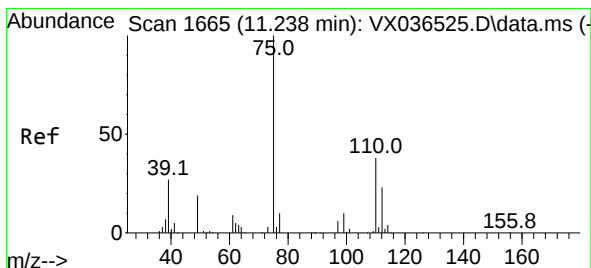
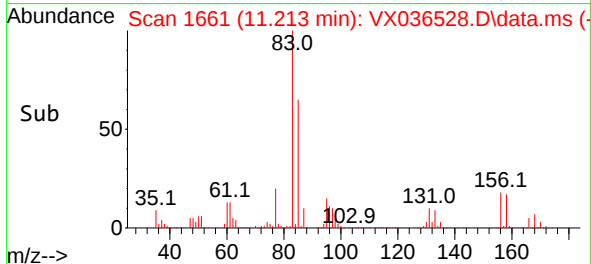
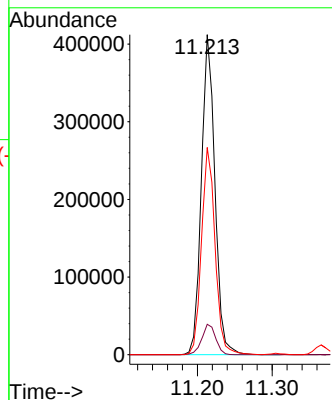
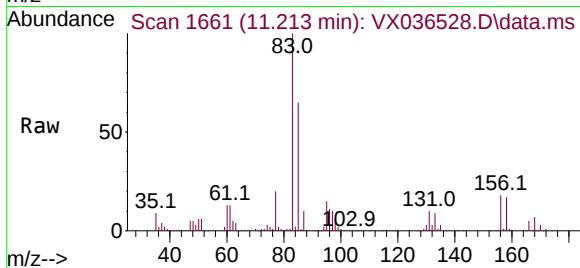
#71
1,1,2,2-Tetrachloroethane
Concen: 169.693 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX036528.D
Acq: 13 Jul 2023 15:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 83 Resp: 517110
Ion Ratio Lower Upper
83 100
131 9.8 5.3 15.8
85 65.0 32.4 97.0

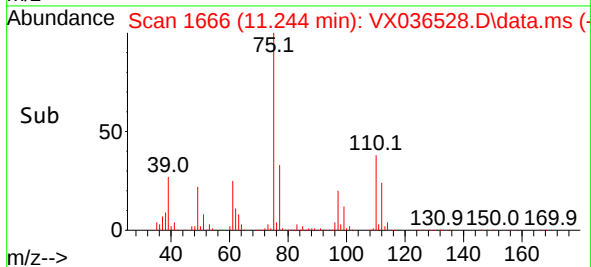
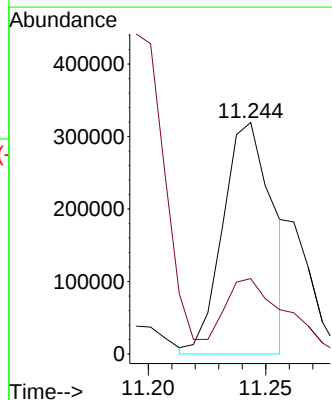
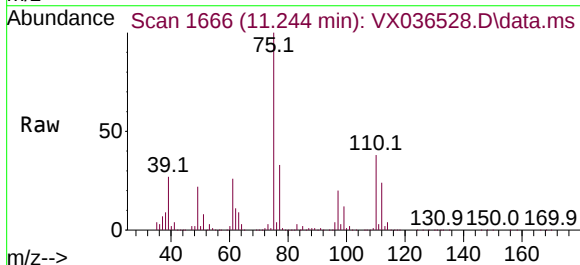
Manual Integrations
APPROVED

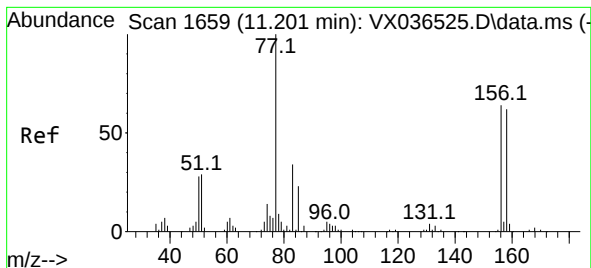
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#72
1,2,3-Trichloropropane
Concen: 167.183 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VX036528.D
Acq: 13 Jul 2023 15:43

Tgt Ion: 75 Resp: 469922
Ion Ratio Lower Upper
75 100
77 39.8 0.0 77.2





#73

Bromobenzene

Concen: 170.826 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. -0.000 min

Lab File: VX036528.D

Acq: 13 Jul 2023 15:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

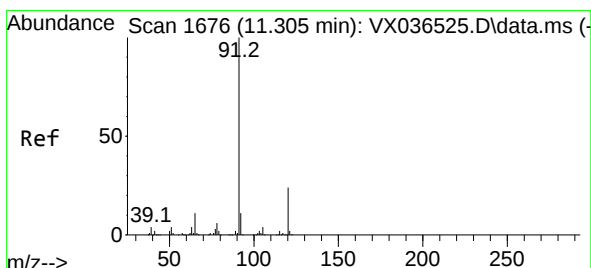
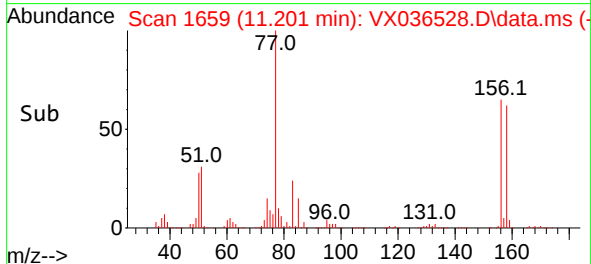
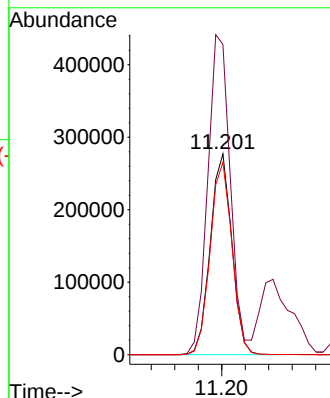
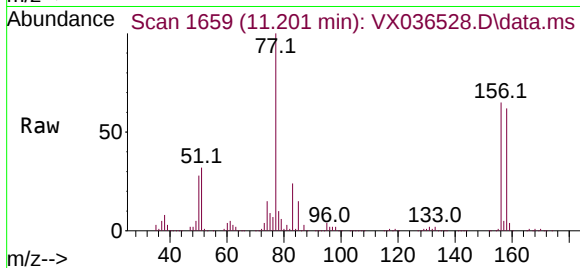
Tgt Ion:	156	Resp:	352550
Ion Ratio	Lower	Upper	
156	100		
77	166.8	0.0	333.0
158	96.7	0.0	196.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#74

n-propylbenzene

Concen: 176.813 ug/l

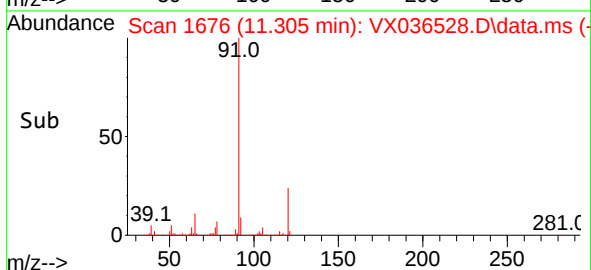
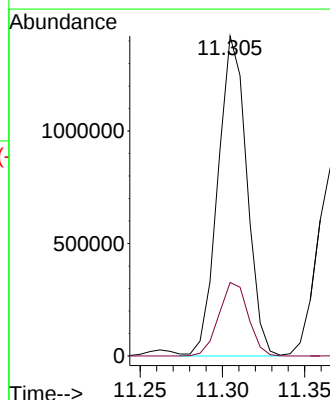
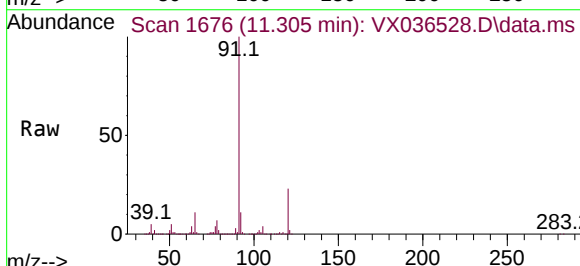
RT: 11.305 min Scan# 1676

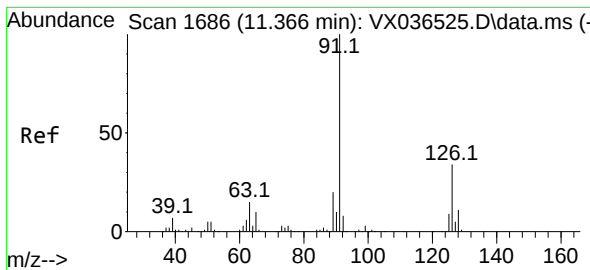
Delta R.T. -0.000 min

Lab File: VX036528.D

Acq: 13 Jul 2023 15:43

Tgt Ion:	91	Resp:	1737506
Ion Ratio	Lower	Upper	
91	100		
120	23.3	0.0	46.6





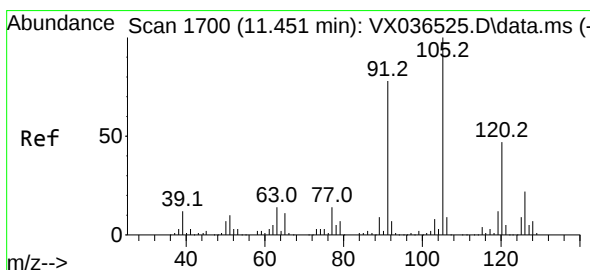
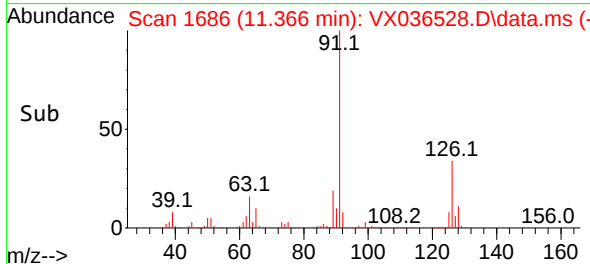
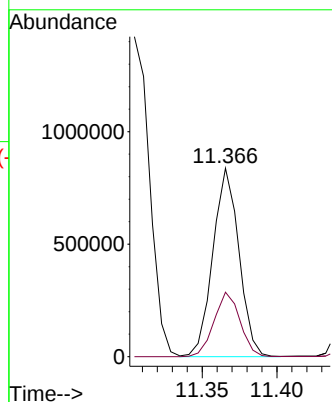
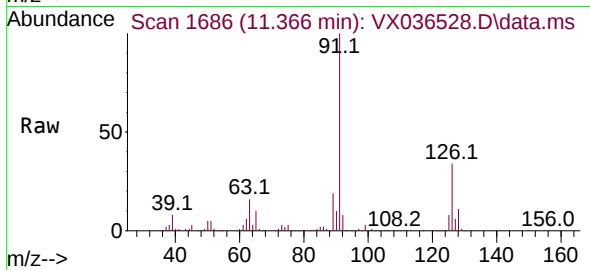
#75
2-Chlorotoluene
Concen: 170.011 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX036528.D
Acq: 13 Jul 2023 15:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 1015940
Ion Ratio Lower Upper
91 100
126 34.1 0.0 66.2

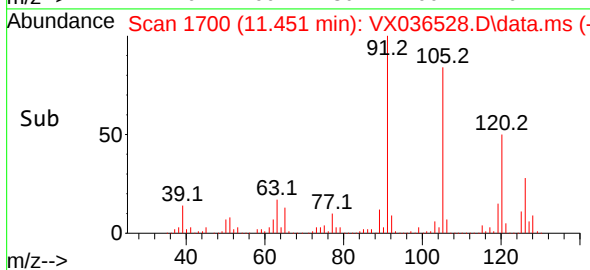
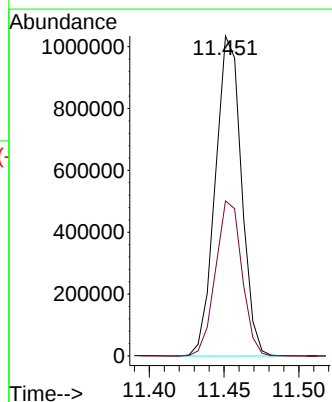
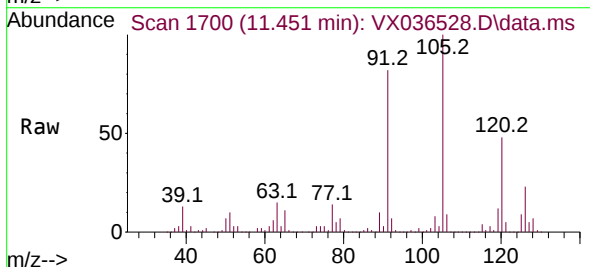
Manual Integrations
APPROVED

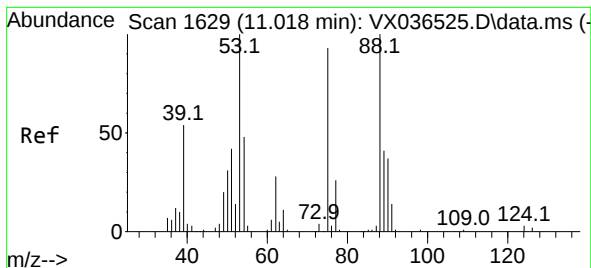
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#76
1,3,5-Trimethylbenzene
Concen: 175.187 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX036528.D
Acq: 13 Jul 2023 15:43

Tgt Ion:105 Resp: 1256854
Ion Ratio Lower Upper
105 100
120 48.9 0.0 96.4





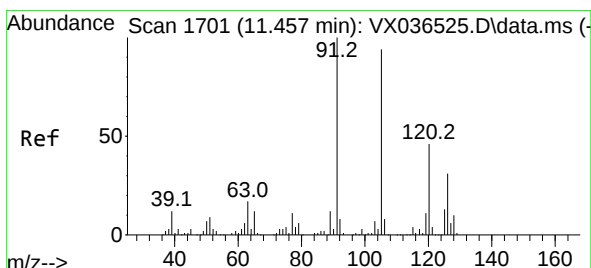
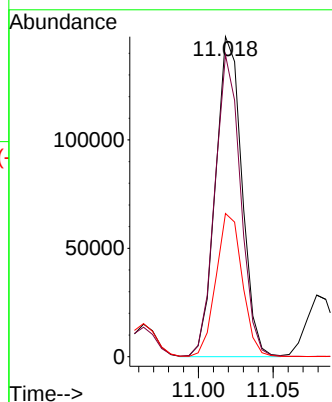
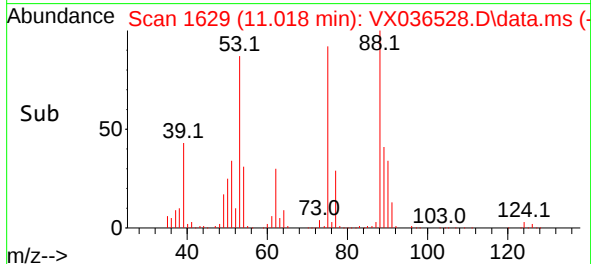
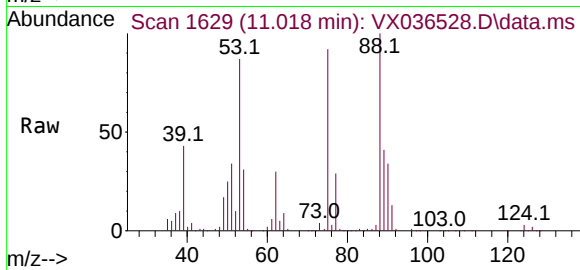
#77
t-1,4-Dichloro-2-butene
Concen: 195.190 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX036528.D
Acq: 13 Jul 2023 15:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 75 Resp: 180995
Ion Ratio Lower Upper
75 100
53 94.2 53.9 161.7
89 44.7 22.1 66.1

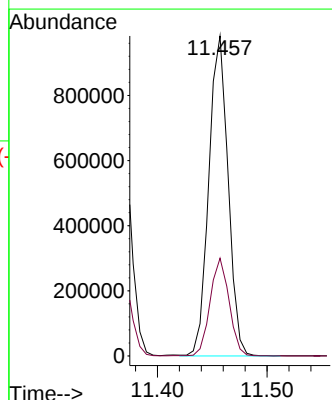
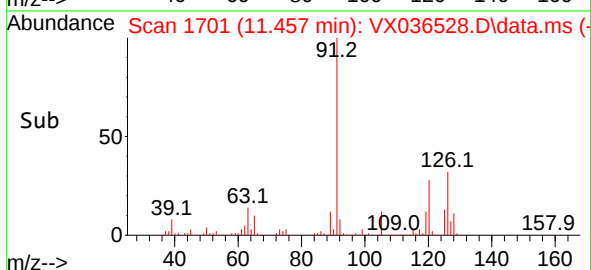
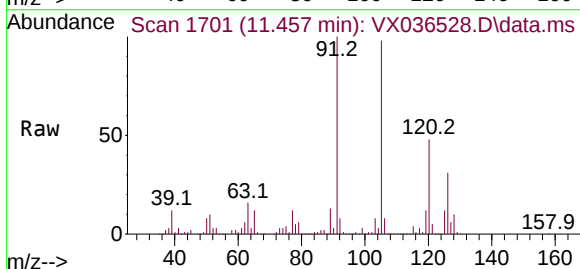
Manual Integrations
APPROVED

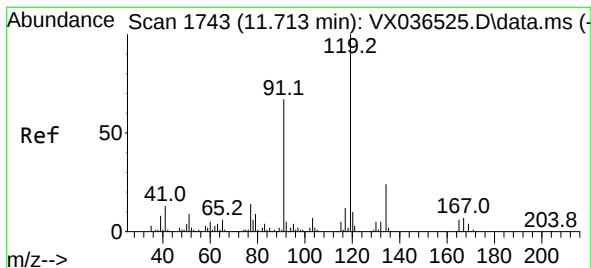
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#78
4-Chlorotoluene
Concen: 176.356 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX036528.D
Acq: 13 Jul 2023 15:43

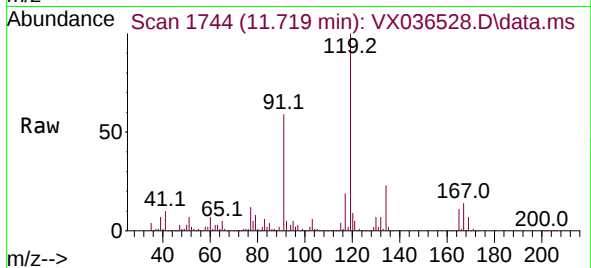
Tgt Ion: 91 Resp: 1199925
Ion Ratio Lower Upper
91 100
126 30.1 0.0 59.4





#79
tert-butylbenzene
Concen: 180.807 ug/l
RT: 11.719 min Scan# 1743
Delta R.T. 0.006 min
Lab File: VX036528.D
Acq: 13 Jul 2023 15:43

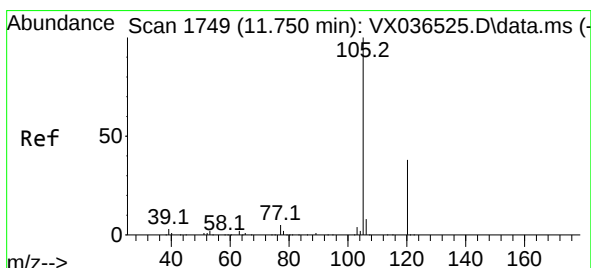
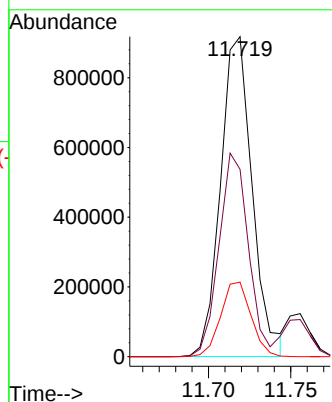
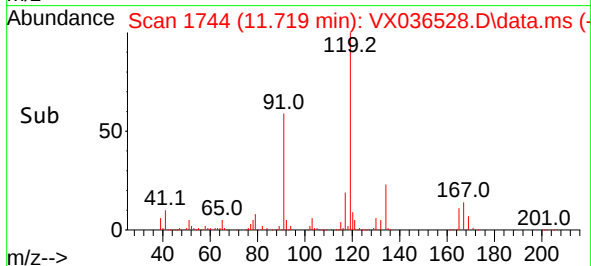
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



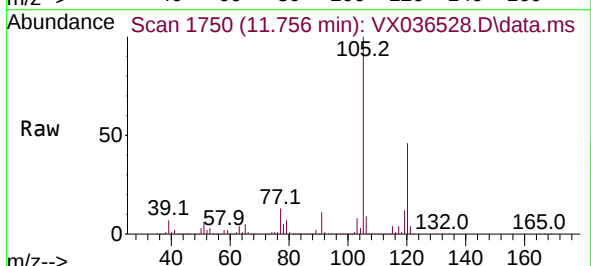
Tgt Ion:119 Resp: 1231210
Ion Ratio Lower Upper
119 100
91 58.9 0.0 124.4
134 22.4 0.0 47.2

Manual Integrations
APPROVED

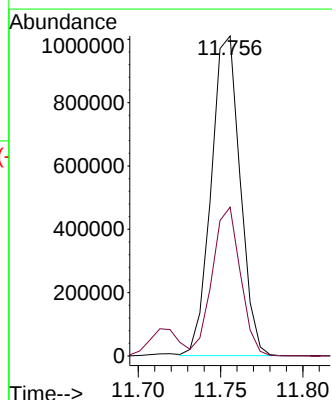
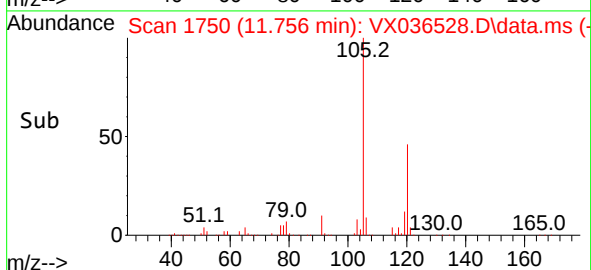
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

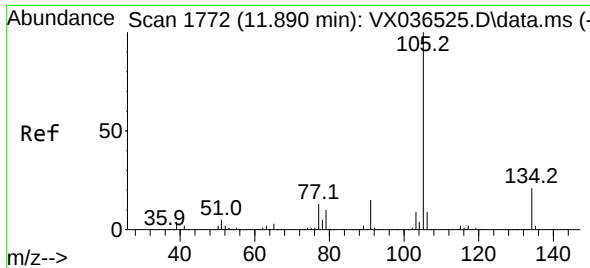


#80
1,2,4-Trimethylbenzene
Concen: 173.636 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX036528.D
Acq: 13 Jul 2023 15:43



Tgt Ion:105 Resp: 1234346
Ion Ratio Lower Upper
105 100
120 45.4 0.0 90.2





#81
 sec-Butylbenzene
 Concen: 181.330 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX036528.D
 Acq: 13 Jul 2023 15:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

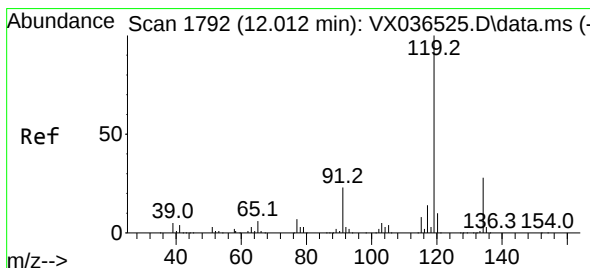
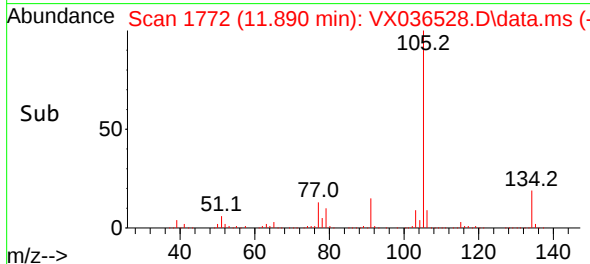
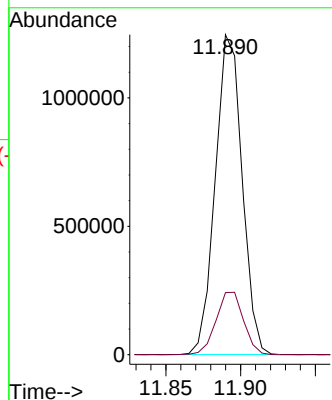
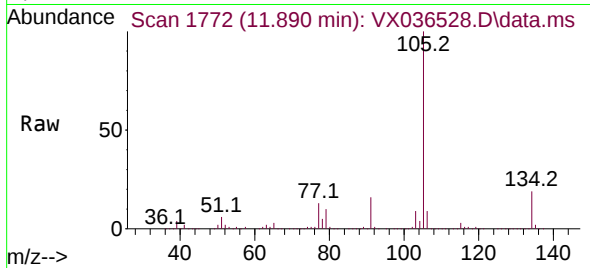
Tgt Ion:105 Resp: 155418
 Ion Ratio Lower Upper
 105 100
 134 20.1 0.0 41.2

Manual Integrations

APPROVED

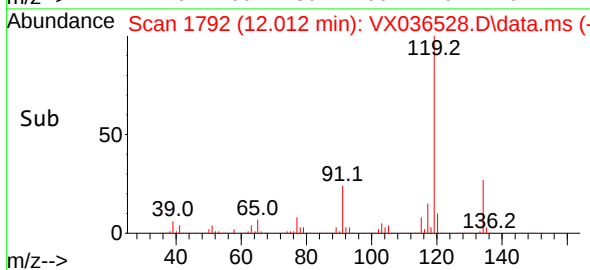
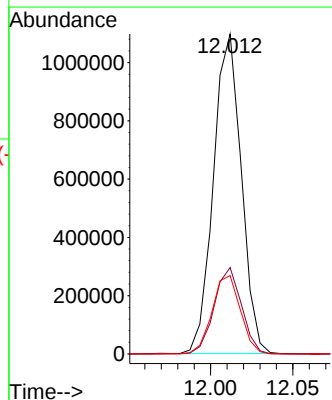
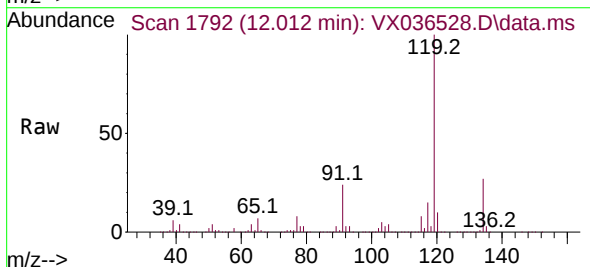
Reviewed By :John Carlone 07/14/2023

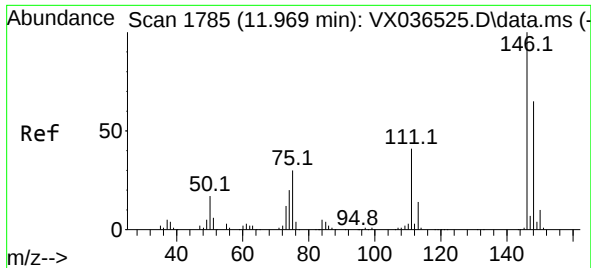
Supervised By :Semsettin Yesilyurt 07/14/2023



#82
 p-Isopropyltoluene
 Concen: 181.159 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX036528.D
 Acq: 13 Jul 2023 15:43

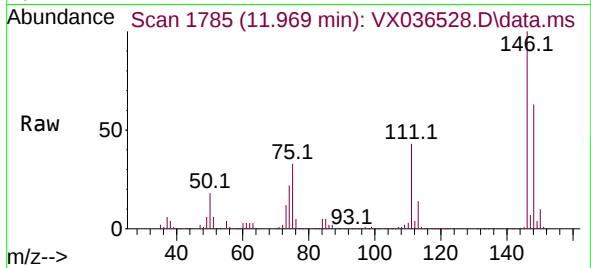
Tgt Ion:119 Resp: 1291835
 Ion Ratio Lower Upper
 119 100
 134 26.6 0.0 53.2
 91 24.9 0.0 49.4





#83
1,3-Dichlorobenzene
Concen: 174.067 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX036528.D
Acq: 13 Jul 2023 15:43

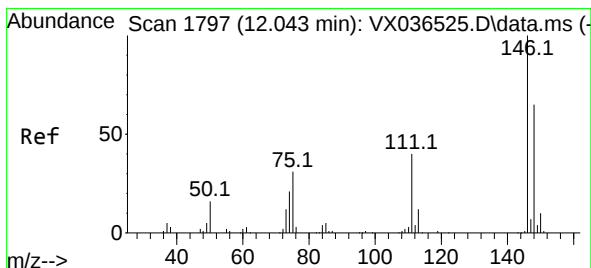
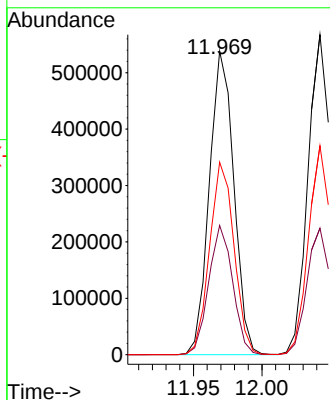
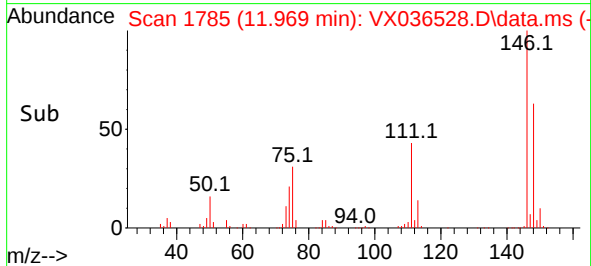
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



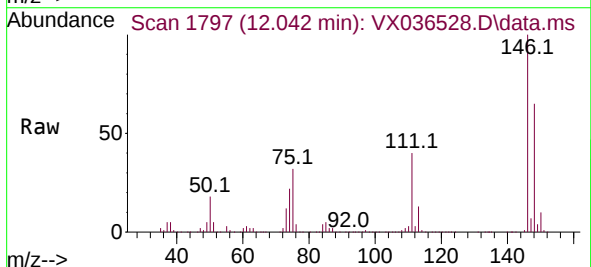
Tgt Ion:146 Resp: 668229
Ion Ratio Lower Upper
146 100
111 41.7 20.4 61.2
148 63.4 31.6 94.8

Manual Integrations
APPROVED

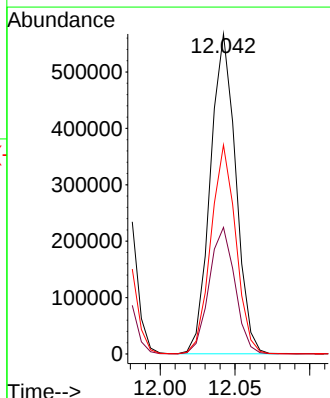
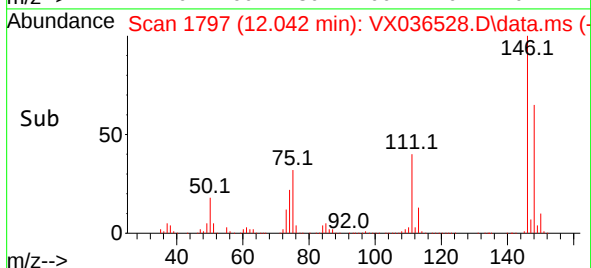
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

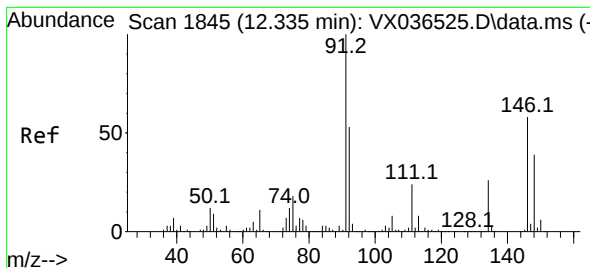


#84
1,4-Dichlorobenzene
Concen: 175.372 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX036528.D
Acq: 13 Jul 2023 15:43



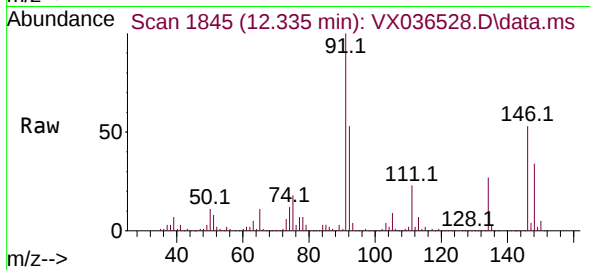
Tgt Ion:146 Resp: 670853
Ion Ratio Lower Upper
146 100
111 40.0 20.2 60.6
148 63.9 32.1 96.3





#85
n-Butylbenzene
Concen: 193.126 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX036528.D
Acq: 13 Jul 2023 15:43

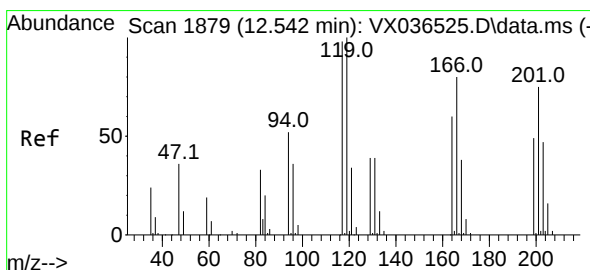
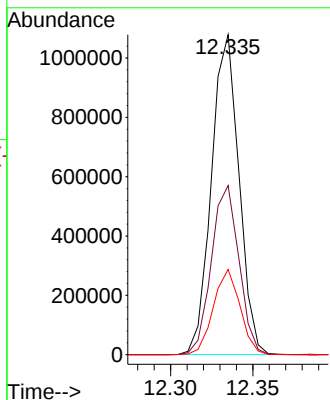
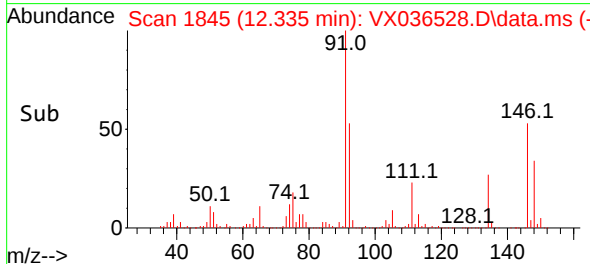
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



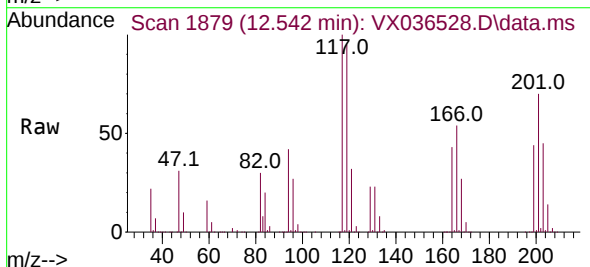
Tgt Ion: 91 Resp: 1253610
Ion Ratio Lower Upper
91 100
92 53.1 0.0 105.2
134 25.8 0.0 51.4

Manual Integrations
APPROVED

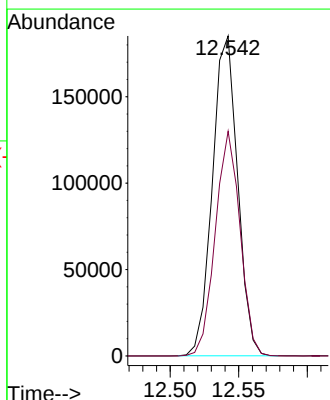
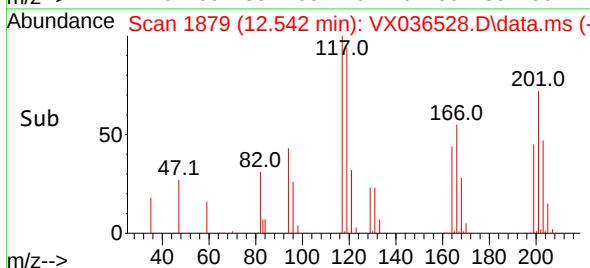
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

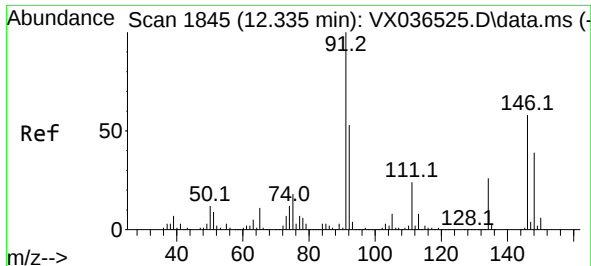


#86
Hexachloroethane
Concen: 200.656 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. -0.000 min
Lab File: VX036528.D
Acq: 13 Jul 2023 15:43



Tgt Ion:117 Resp: 236900
Ion Ratio Lower Upper
117 100
201 68.8 36.0 108.0





#87

1,2-Dichlorobenzene

Concen: 176.624 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX036528.D

Acq: 13 Jul 2023 15:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion:146 Resp: 68010

Ion Ratio Lower Upper

146 100

111 42.6 21.4 64.3

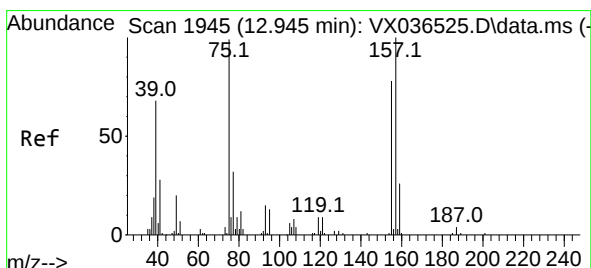
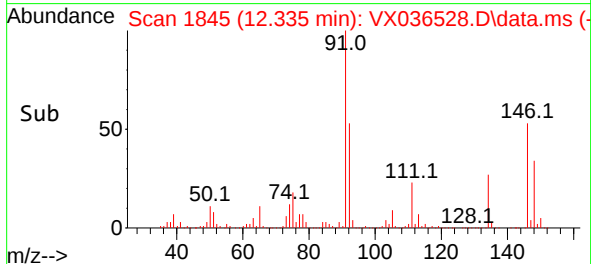
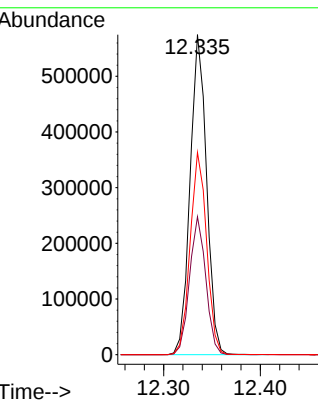
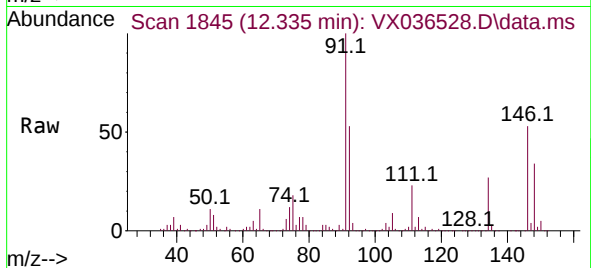
148 63.4 33.2 99.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#88

1,2-Dibromo-3-Chloropropane

Concen: 186.018 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. -0.000 min

Lab File: VX036528.D

Acq: 13 Jul 2023 15:43

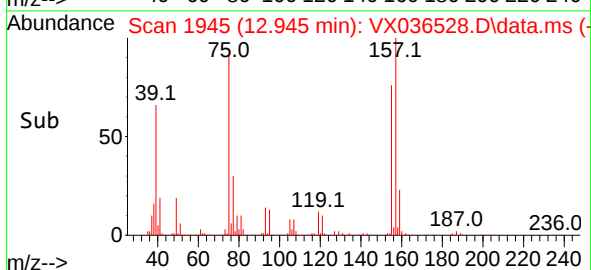
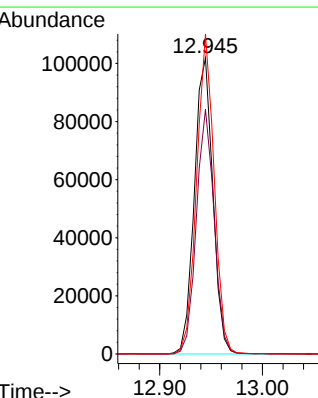
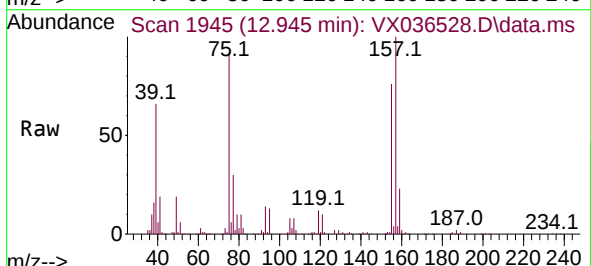
Tgt Ion: 75 Resp: 127460

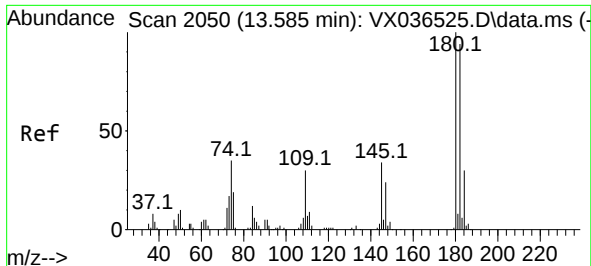
Ion Ratio Lower Upper

75 100

155 79.3 62.7 94.1

157 102.7 81.5 122.3





#89

1,2,4-Trichlorobenzene

Concen: 183.408 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX036528.D

Acq: 13 Jul 2023 15:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion:180 Resp: 445349

Ion Ratio Lower Upper

180 100

182 93.7 75.6 113.4

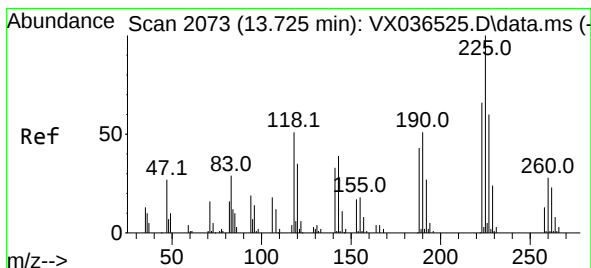
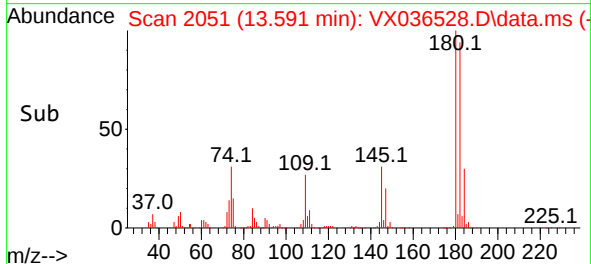
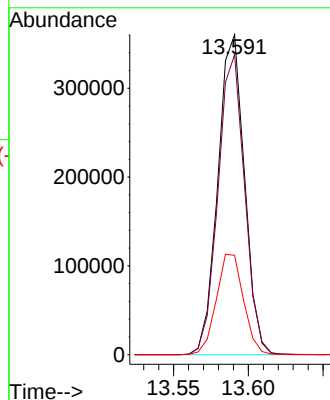
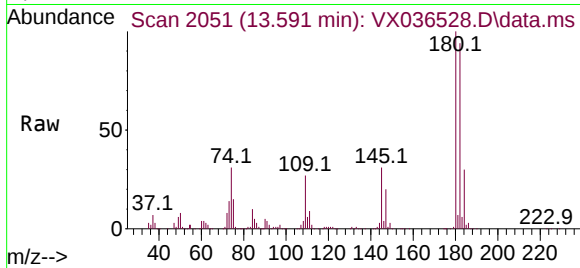
145 32.2 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#90

Hexachlorobutadiene

Concen: 195.296 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX036528.D

Acq: 13 Jul 2023 15:43

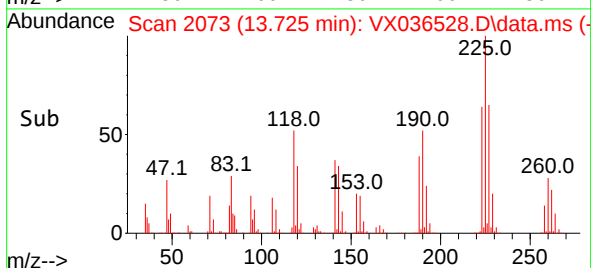
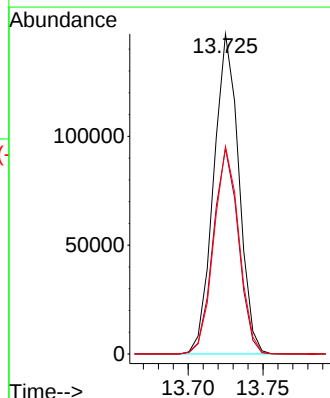
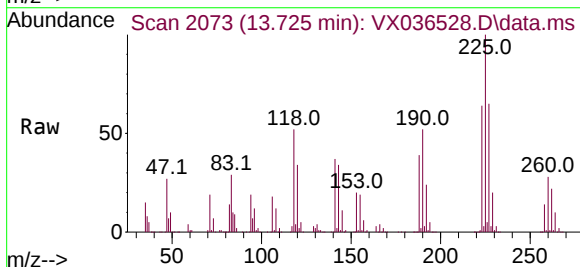
Tgt Ion:225 Resp: 172246

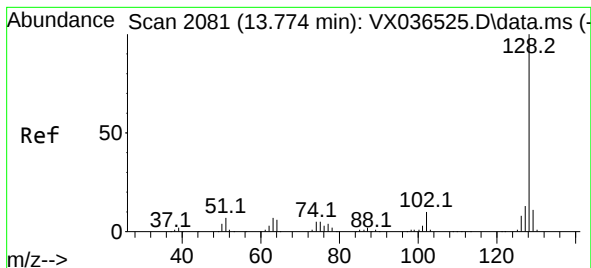
Ion Ratio Lower Upper

225 100

223 64.2 0.0 124.2

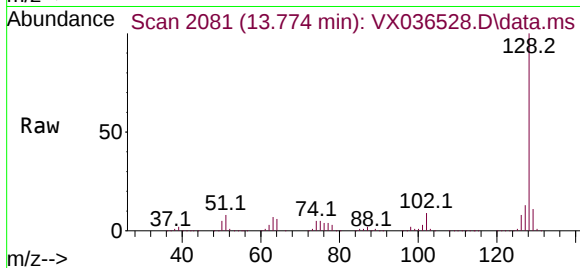
227 64.5 0.0 120.4





#91
Naphthalene
Concen: 179.476 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX036528.D
Acq: 13 Jul 2023 15:43

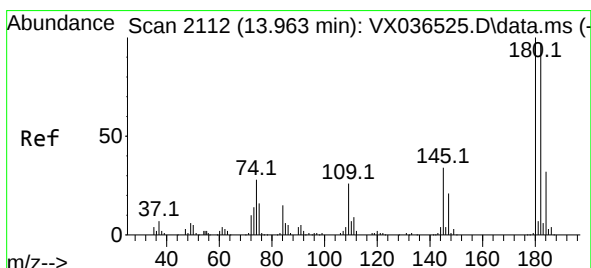
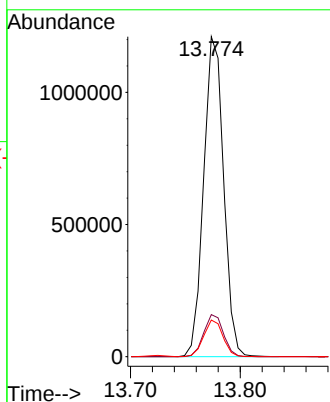
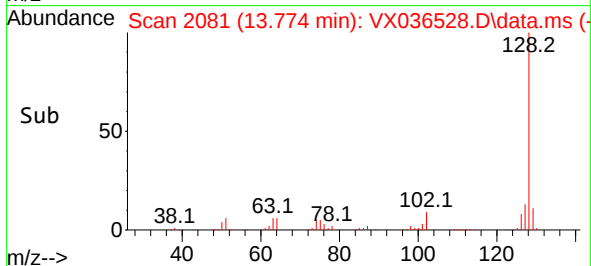
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



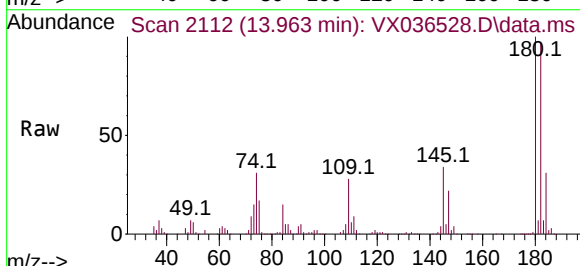
Tgt Ion:128 Resp: 152916
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.1 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#92
1,2,3-Trichlorobenzene
Concen: 177.941 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX036528.D
Acq: 13 Jul 2023 15:43



Tgt Ion:180 Resp: 436126
Ion Ratio Lower Upper
180 100
182 94.8 0.0 190.6
145 33.9 0.0 66.8

