

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070224\
 Data File : VX042128.D
 Acq On : 02 Jul 2024 10:39
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/03/2024
 Supervised By : Semsettin Yesilyurt 07/03/2024

Quant Time: Jul 03 03:28:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	168736	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	235624	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	211322	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	120276	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	83984	43.163	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	86.320%		
35) Dibromofluoromethane	5.385	113	79259	47.407	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.820%		
50) Toluene-d8	8.647	98	265346	45.178	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	90.360%#		
62) 4-Bromofluorobenzene	11.079	95	103929	48.002	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.000%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	79087	61.523	ug/l	100
3) Chloromethane	1.300	50	79696	49.418	ug/l	99
4) Vinyl Chloride	1.374	62	80884	50.034	ug/l	99
5) Bromomethane	1.599	94	48187	60.365	ug/l	97
6) Chloroethane	1.666	64	37959	56.912	ug/l	100
7) Trichlorofluoromethane	1.867	101	114908	54.253	ug/l	97
8) Diethyl Ether	2.136	74	50029	50.321	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.312	101	83818	57.449	ug/l #	85
10) Methyl Iodide	2.440	142	98885	54.530	ug/l #	86
11) Tert butyl alcohol	3.001	59	91326	247.316	ug/l #	93
12) 1,1-Dichloroethene	2.306	96	79821	54.847	ug/l	82
13) Acrolein	2.239	56	134048	323.840	ug/l	98
14) Allyl chloride	2.654	41	124023	53.734	ug/l #	88
15) Acrylonitrile	3.068	53	239094	247.886	ug/l	99
16) Acetone	2.392	43	220946	258.605	ug/l #	87
17) Carbon Disulfide	2.501	76	176838	59.593	ug/l	99
18) Methyl Acetate	2.709	43	101168	43.407	ug/l	92
19) Methyl tert-butyl Ether	3.117	73	265303	55.179	ug/l	100
20) Methylene Chloride	2.782	84	88295	47.197	ug/l	88
21) trans-1,2-Dichloroethene	3.087	96	82264	55.695	ug/l	84
22) Diisopropyl ether	3.763	45	254656	52.197	ug/l #	84
23) Vinyl Acetate	3.721	43	1166509	279.971	ug/l #	94
24) 1,1-Dichloroethane	3.605	63	145662	53.314	ug/l	96
25) 2-Butanone	4.562	43	329208	247.674	ug/l	92
26) 2,2-Dichloropropane	4.471	77	118865	60.078	ug/l	94
27) cis-1,2-Dichloroethene	4.483	96	100878	54.530	ug/l	86
28) Bromochloromethane	4.897	49	52272	44.669	ug/l #	69
29) Tetrahydrofuran	5.007	42	210059	244.698	ug/l	92
30) Chloroform	5.086	83	151085	53.079	ug/l	98
31) Cyclohexane	5.464	56	126374	55.537	ug/l	91
32) 1,1,1-Trichloroethane	5.379	97	131333	55.219	ug/l	95
36) 1,1-Dichloropropene	5.690	75	102724	57.861	ug/l	95
37) Ethyl Acetate	4.714	43	123643	53.463	ug/l	96
38) Carbon Tetrachloride	5.666	117	116780	59.533	ug/l	99
39) Methylcyclohexane	7.373	83	139609	62.179	ug/l	92
40) Benzene	6.031	78	334877	55.927	ug/l	100

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Manual Integrations
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 Supervised By :Semsettin Yesilyurt 07/03/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	68433	54.587	ug/l	92
42) 1,2-Dichloroethane	6.080	62	107689	55.835	ug/l	90
43) Isopropyl Acetate	6.342	43	189027	53.249	ug/l #	93
44) Trichloroethene	7.123	130	93095	58.003	ug/l	90
45) 1,2-Dichloropropane	7.427	63	82066	55.740	ug/l	99
46) Dibromomethane	7.580	93	60764	56.644	ug/l #	74
47) Bromodichloromethane	7.818	83	112099	56.917	ug/l	98
48) Methyl methacrylate	7.696	41	92866	54.815	ug/l #	84
49) 1,4-Dioxane	7.665	88	43205	964.529	ug/l #	88
51) 4-Methyl-2-Pentanone	8.574	43	625510	255.802	ug/l	93
52) Toluene	8.714	92	215096	56.413	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	116415	55.619	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	129335	59.981	ug/l #	85
55) 1,1,2-Trichloroethane	9.153	97	87443	55.051	ug/l	97
56) Ethyl methacrylate	9.116	69	141063	57.086	ug/l #	86
57) 1,3-Dichloropropane	9.305	76	140811	54.871	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	312762	271.602	ug/l	92
59) 2-Hexanone	9.433	43	484765	258.834	ug/l	91
60) Dibromochloromethane	9.518	129	100668	58.346	ug/l	100
61) 1,2-Dibromoethane	9.610	107	93115	56.527	ug/l	100
64) Tetrachloroethene	9.269	164	90584	58.874	ug/l	91
65) Chlorobenzene	10.079	112	247572	56.331	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	90204	58.622	ug/l	99
67) Ethyl Benzene	10.189	91	402658	58.461	ug/l	99
68) m/p-Xylenes	10.299	106	325279	116.992	ug/l	91
69) o-Xylene	10.640	106	158911	57.730	ug/l	93
70) Styrene	10.652	104	274744	59.521	ug/l	94
71) Bromoform	10.799	173	82898	55.475	ug/l #	99
73) Isopropylbenzene	10.963	105	413887	56.594	ug/l	97
74) N-amyl acetate	10.841	43	171066	52.660	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	137896	50.711	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	111989m	51.289	ug/l	
77) Bromobenzene	11.195	156	119000	54.635	ug/l	78
78) n-propylbenzene	11.305	91	456592	57.541	ug/l	96
79) 2-Chlorotoluene	11.366	91	277029	54.187	ug/l	91
80) 1,3,5-Trimethylbenzene	11.451	105	346158	56.827	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	43016	55.948	ug/l #	84
82) 4-Chlorotoluene	11.451	91	316914	56.075	ug/l	92
83) tert-Butylbenzene	11.713	119	366967	54.903	ug/l	90
84) 1,2,4-Trimethylbenzene	11.750	105	351071	57.446	ug/l	93
85) sec-Butylbenzene	11.890	105	436566	57.747	ug/l	95
86) p-Isopropyltoluene	12.006	119	387535	58.682	ug/l	93
87) 1,3-Dichlorobenzene	11.969	146	213326	55.722	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	214002	54.480	ug/l	95
89) n-Butylbenzene	12.329	91	303297	59.662	ug/l	97
90) Hexachloroethane	12.536	117	64223	57.121	ug/l	61
91) 1,2-Dichlorobenzene	12.335	146	217148	55.430	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.939	75	29017	53.847	ug/l #	48
93) 1,2,4-Trichlorobenzene	13.585	180	151329	58.968	ug/l	95
94) Hexachlorobutadiene	13.725	225	74975	57.776	ug/l	99
95) Naphthalene	13.774	128	455652	52.797	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	155355	57.399	ug/l	95

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VSTDCCC050

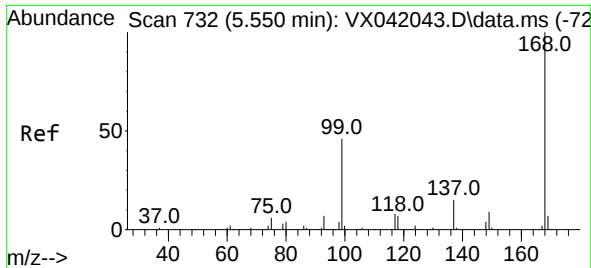
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Fri Jun 21 23:51:58 2024
Response via : Initial Calibration

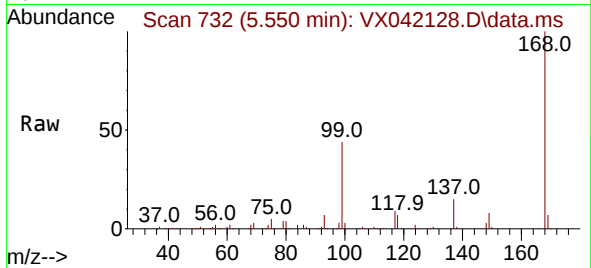
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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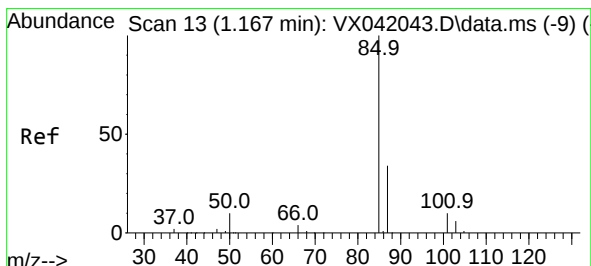
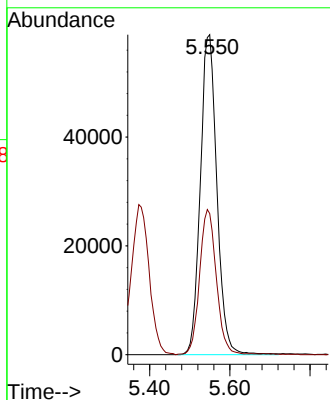
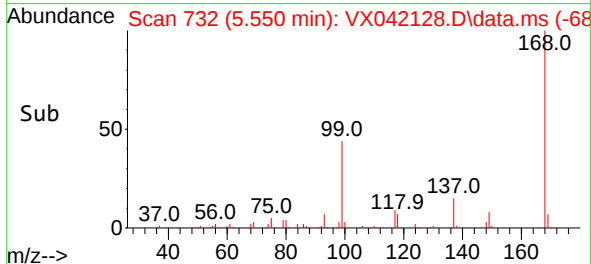
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 168730
Ion Ratio Lower Upper
168 100
99 44.0 56.6 85.0

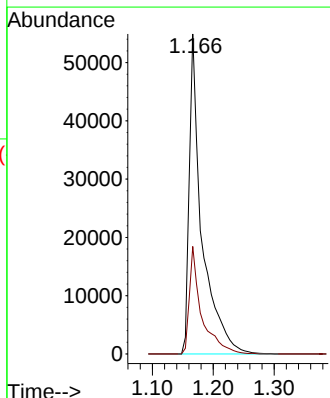
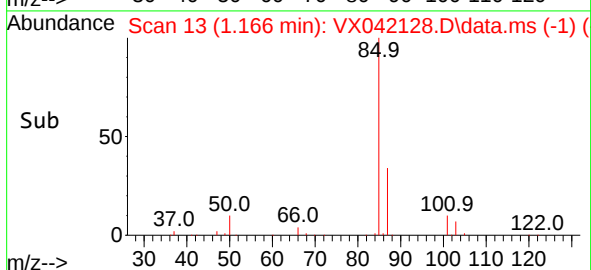
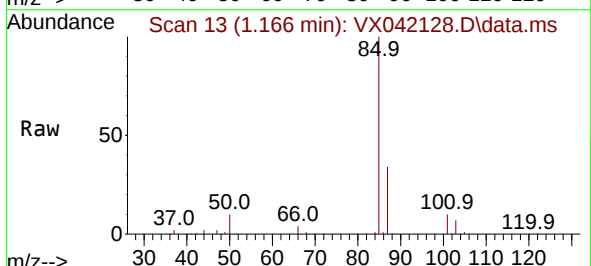
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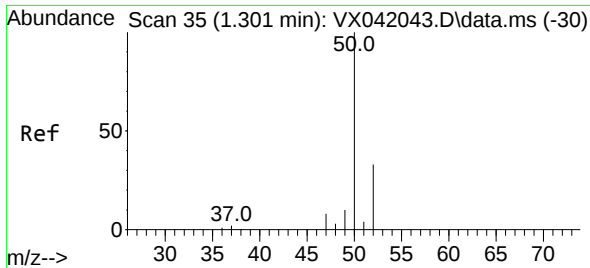
Reviewed By :John Carlone 07/03/2024
Supervised By :Semsettin Yesilyurt 07/03/2024



#2
Dichlorodifluoromethane
Concen: 61.523 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX042128.D
Acq: 02 Jul 2024 10:39

Tgt Ion: 85 Resp: 79087
Ion Ratio Lower Upper
85 100
87 33.6 16.7 50.1





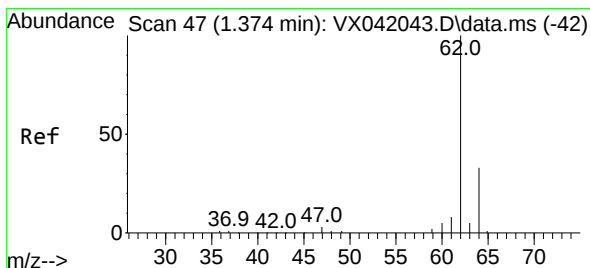
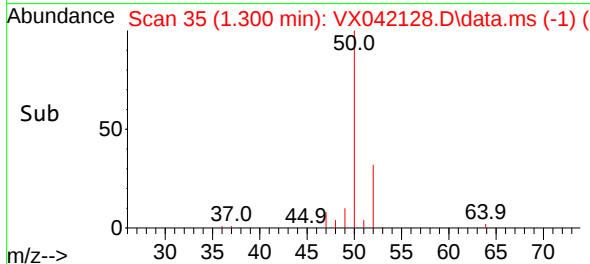
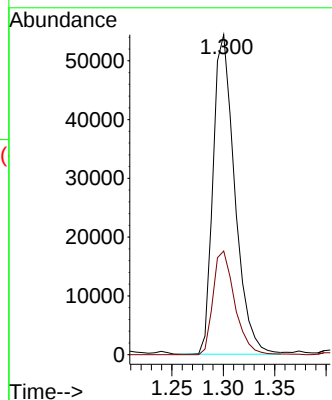
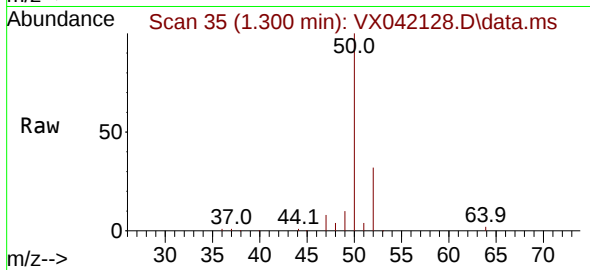
#3
Chloromethane
Concen: 49.418 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX042128.D
Acq: 02 Jul 2024 10:39

Instrument :
MSVOA_X
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VSTDCCC050

Tgt Ion: 50 Resp: 79690
Ion Ratio Lower Upper
50 100
52 32.5 25.5 38.3

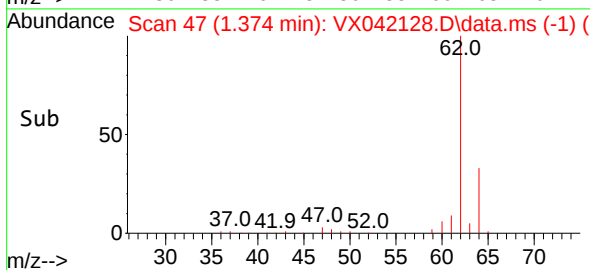
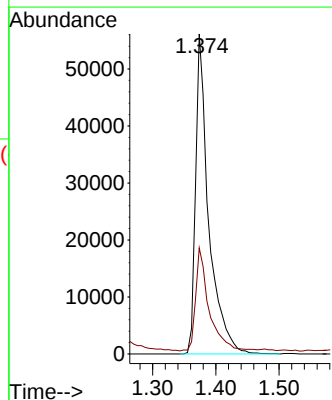
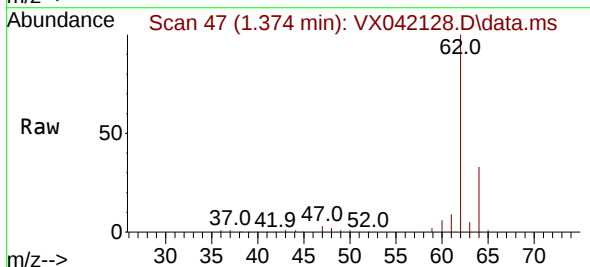
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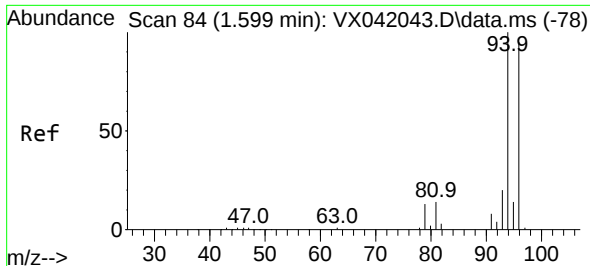
Reviewed By :John Carlone 07/03/2024
Supervised By :Semsettin Yesilyurt 07/03/2024



#4
Vinyl Chloride
Concen: 50.034 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX042128.D
Acq: 02 Jul 2024 10:39

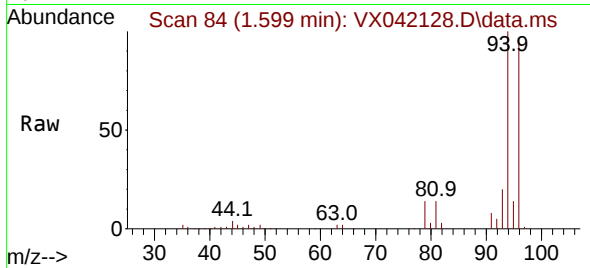
Tgt Ion: 62 Resp: 80884
Ion Ratio Lower Upper
62 100
64 32.2 25.4 38.0





#5
Bromomethane
Concen: 60.365 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX042128.D
Acq: 02 Jul 2024 10:39

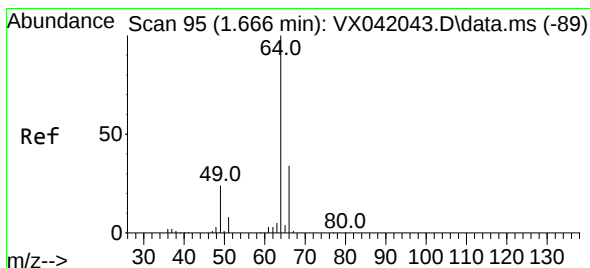
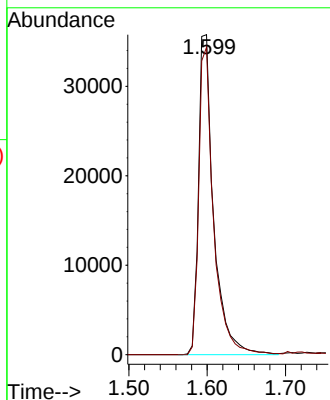
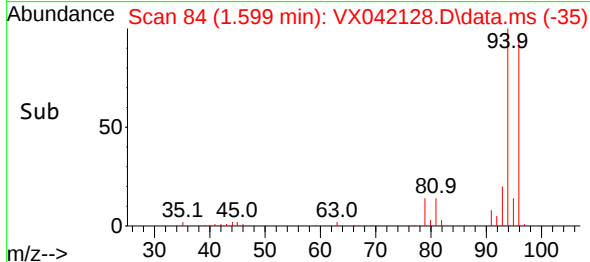
Instrument :
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Tgt Ion: 94 Resp: 4818
Ion Ratio Lower Upper
94 100
96 96.1 74.6 111.8

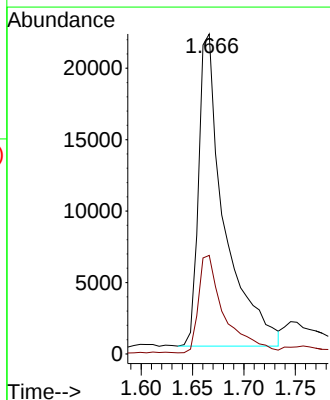
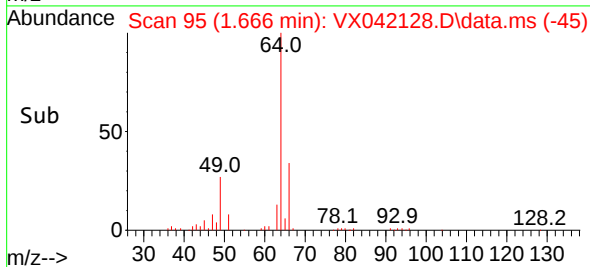
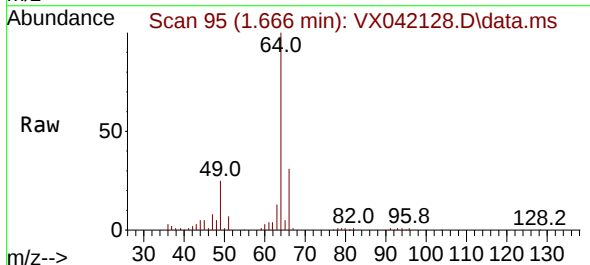
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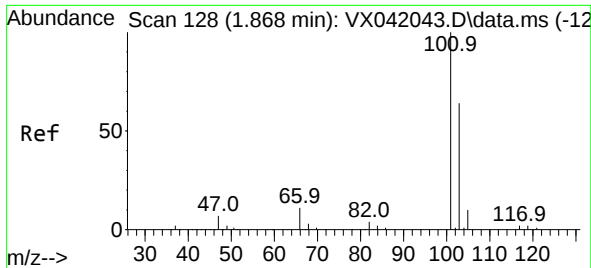
Reviewed By :John Carlone 07/03/2024
Supervised By :Semsettin Yesilyurt 07/03/2024



#6
Chloroethane
Concen: 56.912 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.006 min
Lab File: VX042128.D
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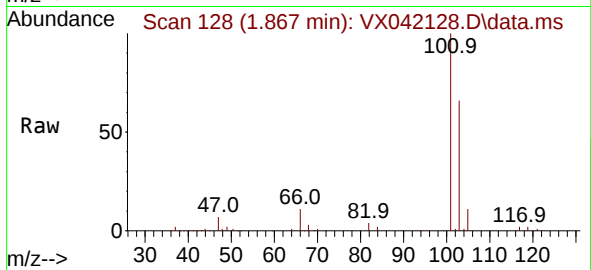
Tgt Ion: 64 Resp: 37959
Ion Ratio Lower Upper
64 100
66 31.2 25.1 37.7





#7
Trichlorofluoromethane
Concen: 54.253 ug/l
RT: 1.867 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042128.D
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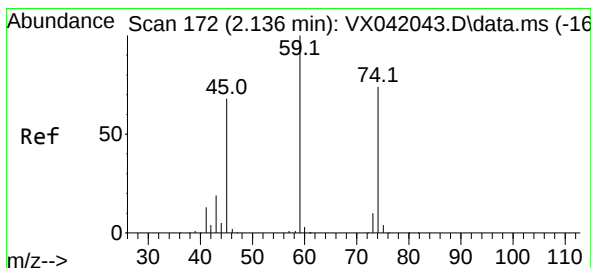
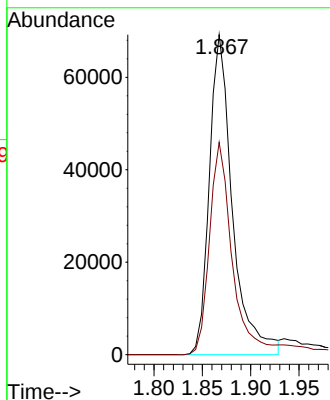
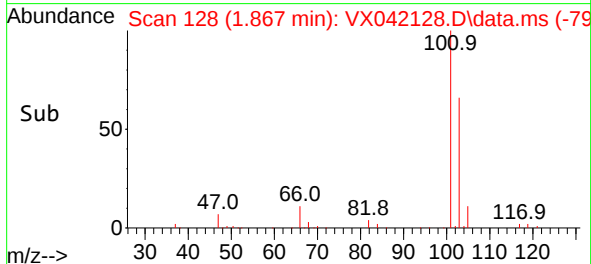
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 114908
Ion Ratio Lower Upper
101 100
103 66.3 51.4 77.2

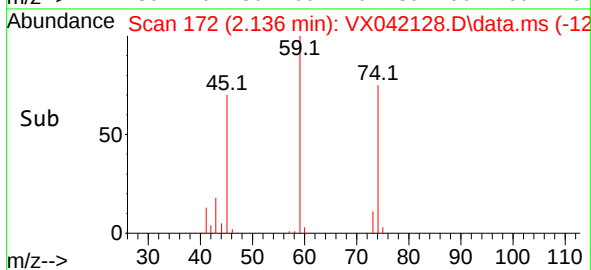
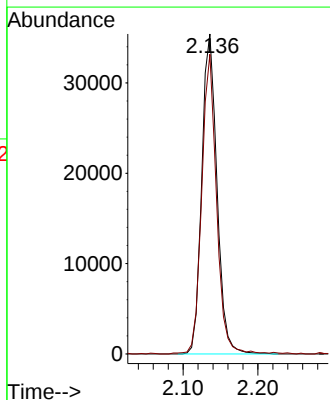
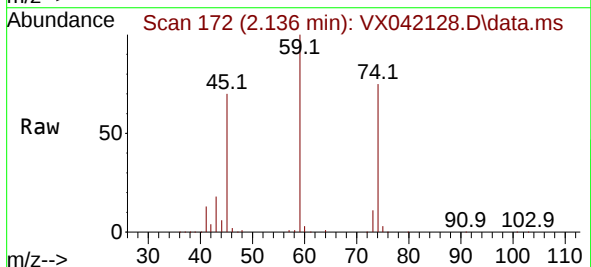
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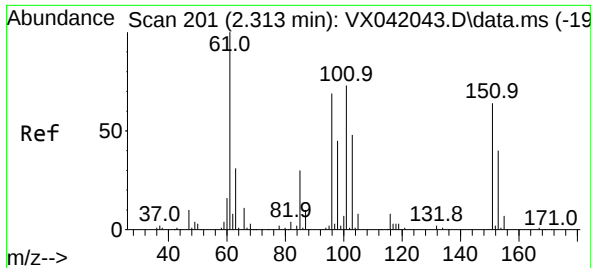
Reviewed By :John Carlone 07/03/2024
Supervised By :Semsettin Yesilyurt 07/03/2024



#8
Diethyl Ether
Concen: 50.321 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX042128.D
Acq: 02 Jul 2024 10:39

Tgt Ion: 74 Resp: 50029
Ion Ratio Lower Upper
74 100
45 91.3 53.3 159.8





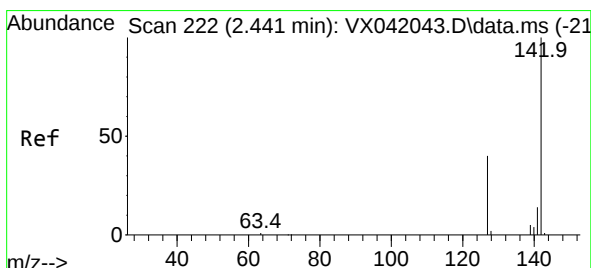
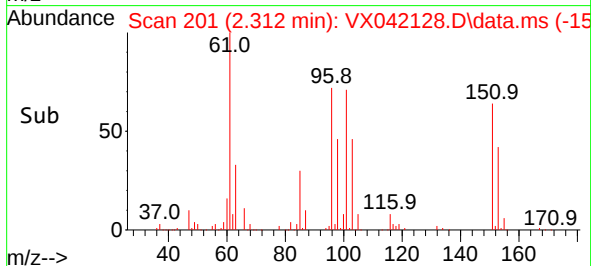
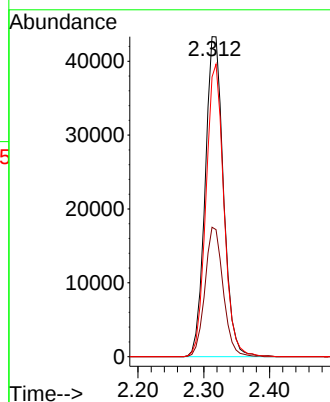
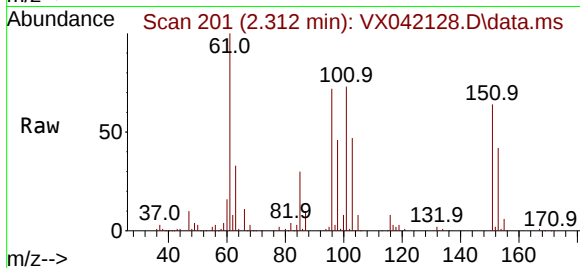
#9
1,1,2-Trichlorotrifluoroethane
Concen: 57.449 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX042128.D
Acq: 02 Jul 2024 10:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 83818
Ion Ratio Lower Upper
101 100
85 40.3 37.0 55.6
151 89.4 58.6 87.8

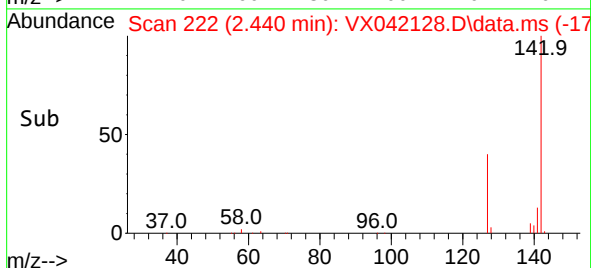
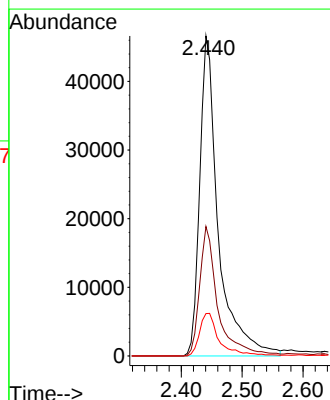
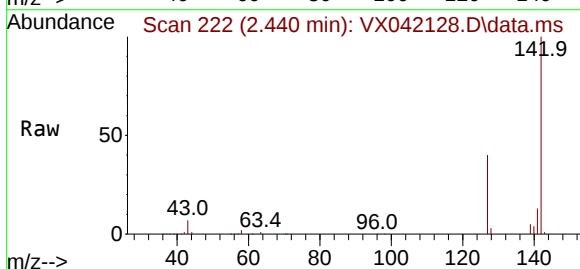
Manual Integrations
APPROVED

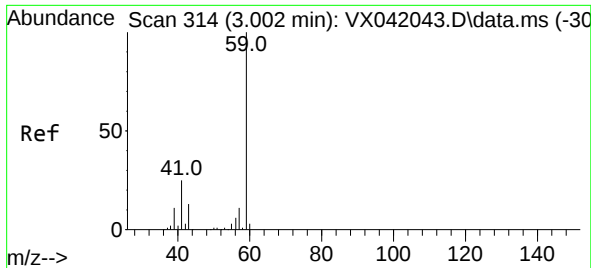
Reviewed By :John Carlone 07/03/2024
Supervised By :Semsettin Yesilyurt 07/03/2024



#10
Methyl Iodide
Concen: 54.530 ug/l
RT: 2.440 min Scan# 222
Delta R.T. 0.000 min
Lab File: VX042128.D
Acq: 02 Jul 2024 10:39

Tgt Ion:142 Resp: 98885
Ion Ratio Lower Upper
142 100
127 39.7 41.6 62.4#
141 14.2 11.6 17.4





#11

Tert butyl alcohol

Concen: 247.316 ug/l

RT: 3.001 min Scan# 314

Delta R.T. -0.006 min

Lab File: VX042128.D

Acq: 02 Jul 2024 10:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 91320

Ion Ratio Lower Upper

59 100

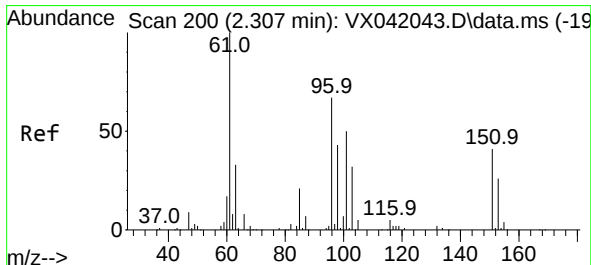
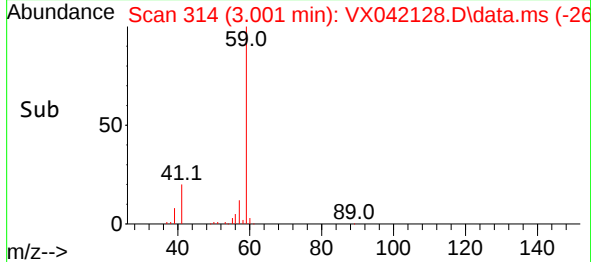
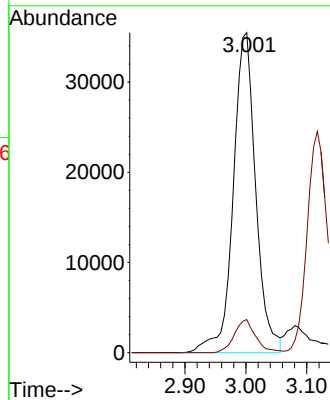
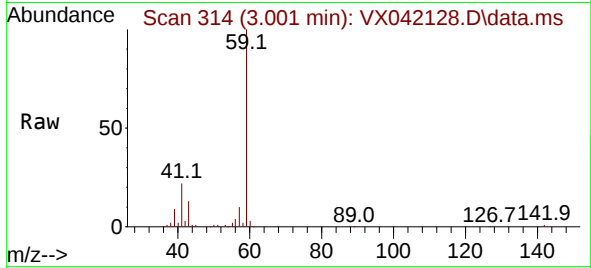
57 9.9 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/03/2024

Supervised By :Semsettin Yesilyurt 07/03/2024



#12

1,1-Dichloroethene

Concen: 54.847 ug/l

RT: 2.306 min Scan# 200

Delta R.T. -0.000 min

Lab File: VX042128.D

Acq: 02 Jul 2024 10:39

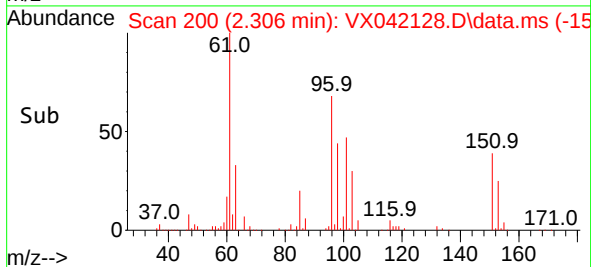
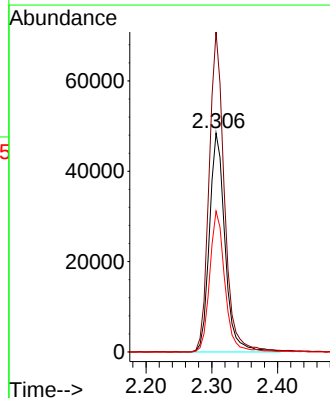
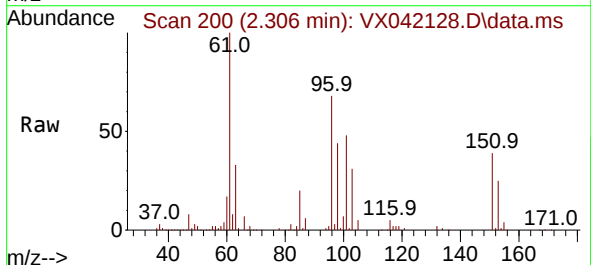
Tgt Ion: 96 Resp: 79821

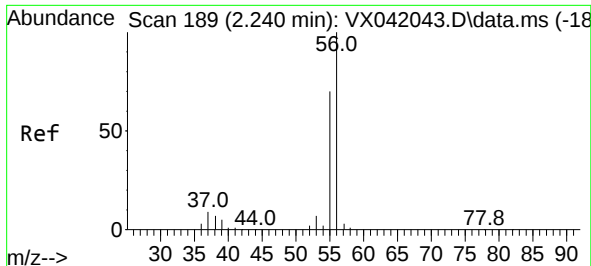
Ion Ratio Lower Upper

96 100

61 146.2 144.6 216.8

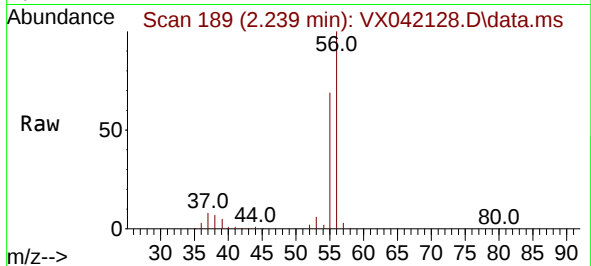
98 64.3 50.4 75.6





#13
Acrolein
Concen: 323.840 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042128.D
Acq: 02 Jul 2024 10:39

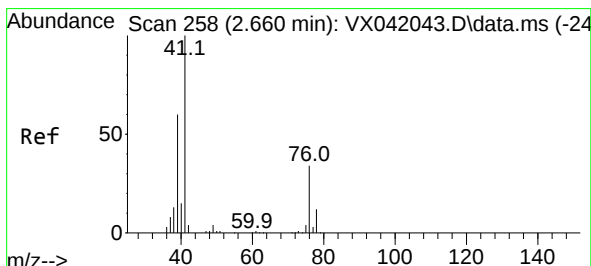
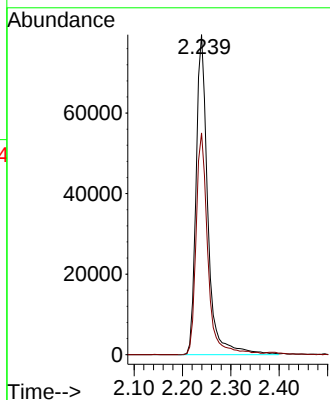
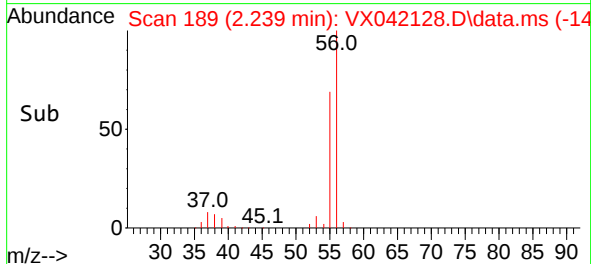
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 134048
Ion Ratio Lower Upper
56 100
55 69.4 57.1 85.7

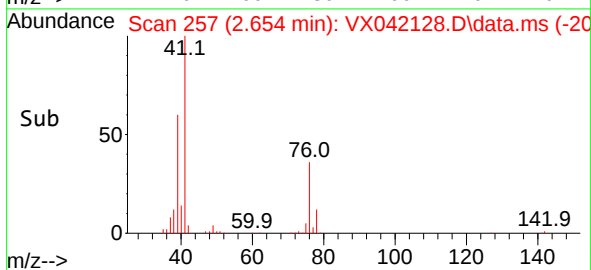
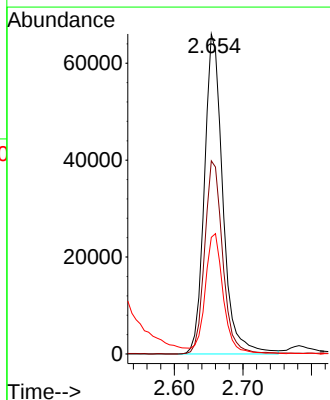
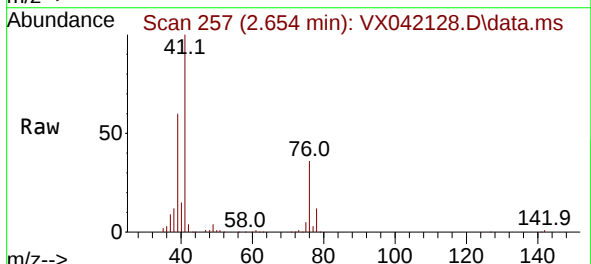
Manual Integrations
APPROVED

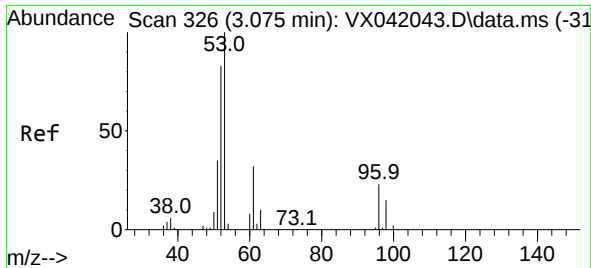
Reviewed By :John Carlone 07/03/2024
Supervised By :Semsettin Yesilyurt 07/03/2024



#14
Allyl chloride
Concen: 53.734 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.006 min
Lab File: VX042128.D
Acq: 02 Jul 2024 10:39

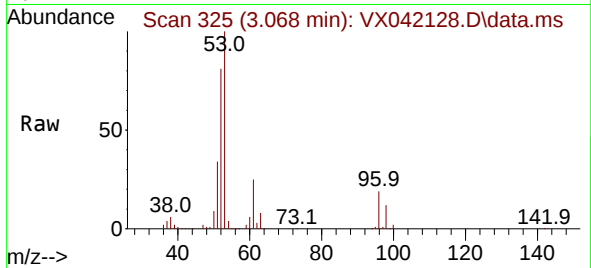
Tgt Ion: 41 Resp: 124023
Ion Ratio Lower Upper
41 100
39 59.1 55.8 83.6
76 36.6 24.3 36.5





#15
Acrylonitrile
Concen: 247.886 ug/l
RT: 3.068 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX042128.D
Acq: 02 Jul 2024 10:39

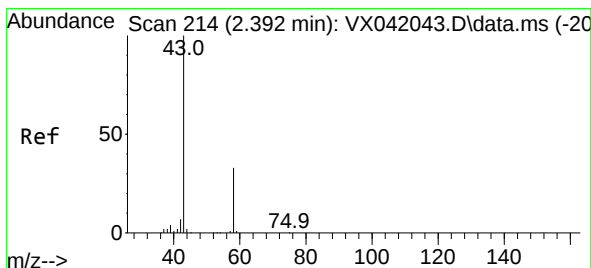
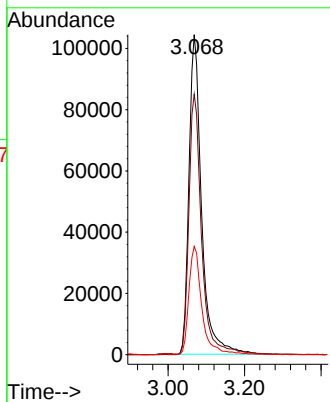
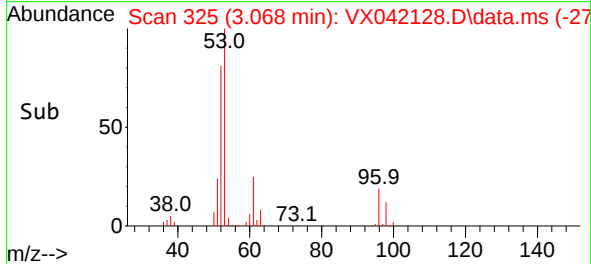
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 239094
Ion Ratio Lower Upper
53 100
52 82.6 66.0 99.0
51 34.9 29.8 44.6

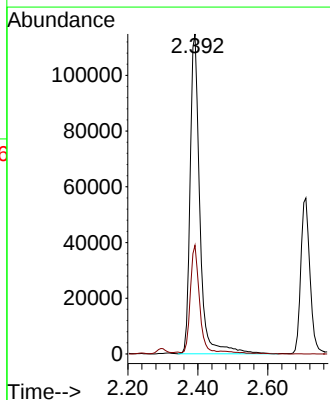
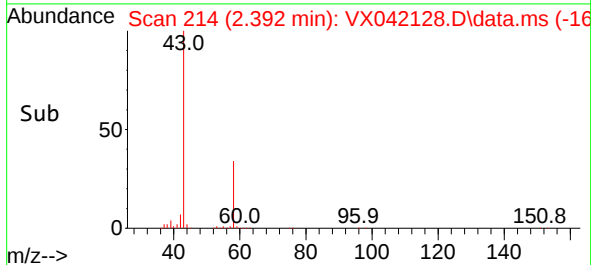
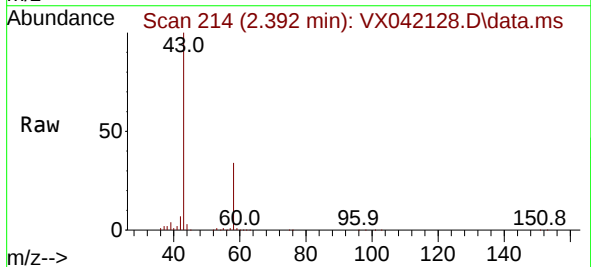
Manual Integrations
APPROVED

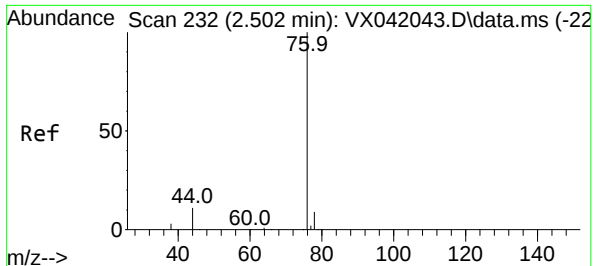
Reviewed By :John Carlone 07/03/2024
Supervised By :Semsettin Yesilyurt 07/03/2024



#16
Acetone
Concen: 258.605 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX042128.D
Acq: 02 Jul 2024 10:39

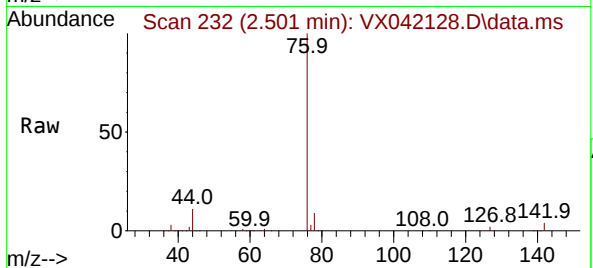
Tgt Ion: 43 Resp: 220946
Ion Ratio Lower Upper
43 100
58 33.9 21.9 32.9#





#17
Carbon Disulfide
Concen: 59.593 ug/l
RT: 2.501 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX042128.D
Acq: 02 Jul 2024 10:39

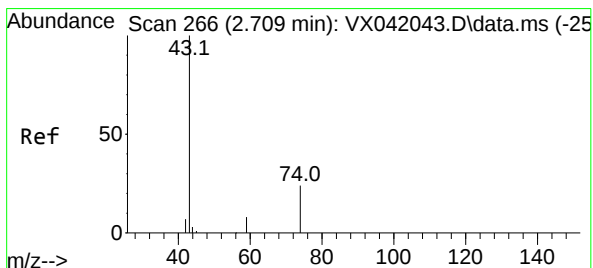
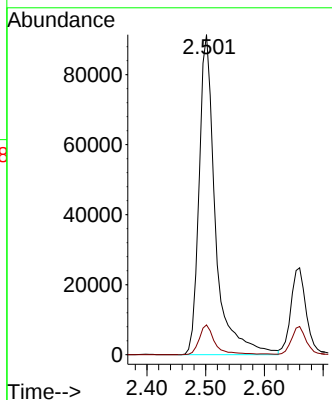
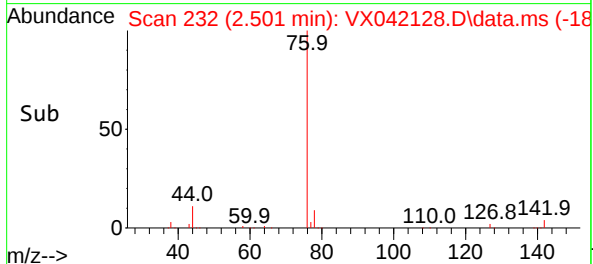
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 176838
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6

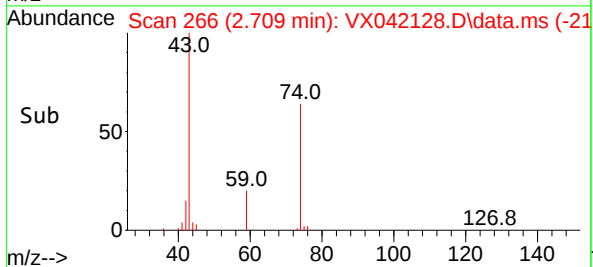
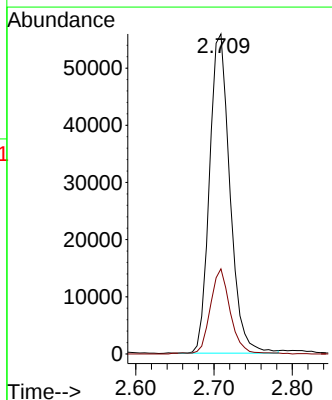
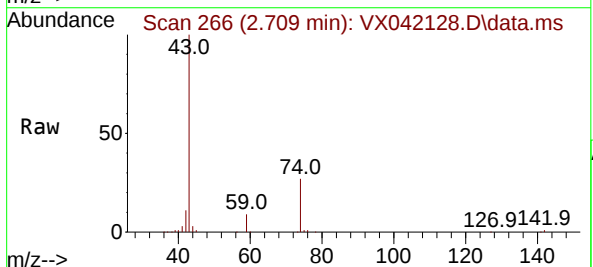
Manual Integrations
APPROVED

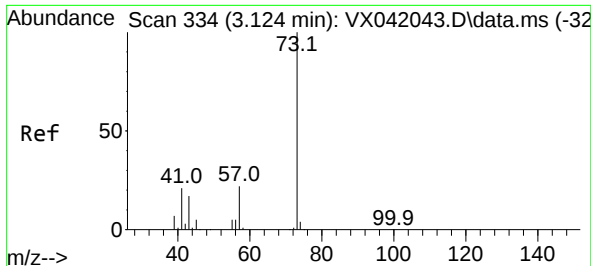
Reviewed By :John Carlone 07/03/2024
Supervised By :Semsettin Yesilyurt 07/03/2024



#18
Methyl Acetate
Concen: 43.407 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX042128.D
Acq: 02 Jul 2024 10:39

Tgt Ion: 43 Resp: 101168
Ion Ratio Lower Upper
43 100
74 26.2 17.8 26.8





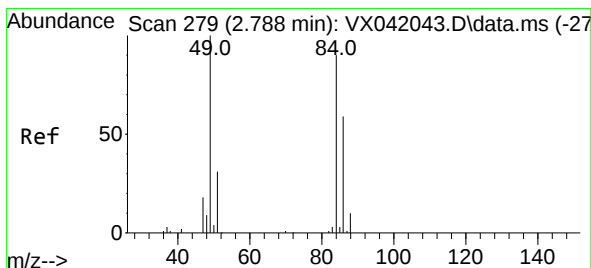
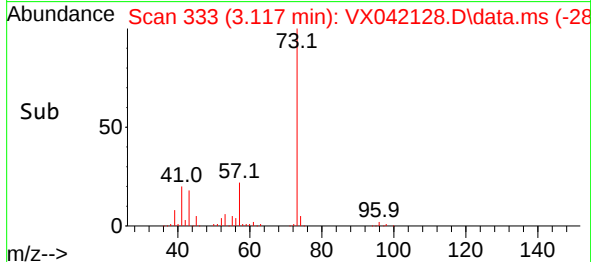
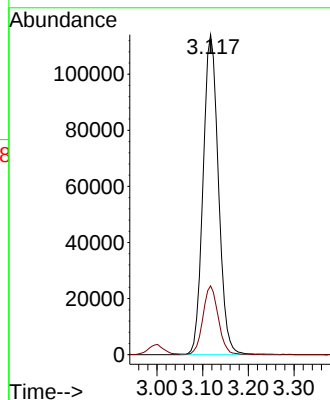
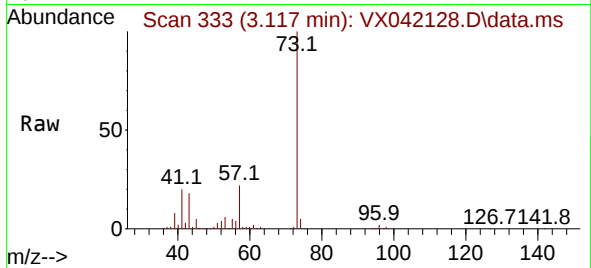
#19
Methyl tert-butyl Ether
Concen: 55.179 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX042128.D
Acq: 02 Jul 2024 10:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 26530
Ion Ratio Lower Upper
73 100
57 21.5 17.3 25.9

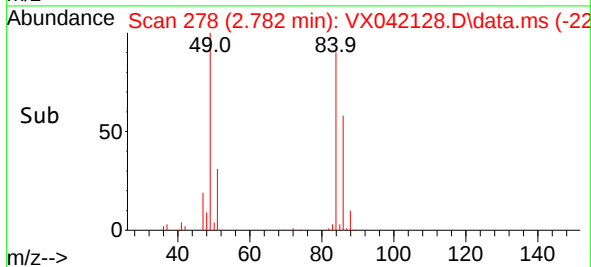
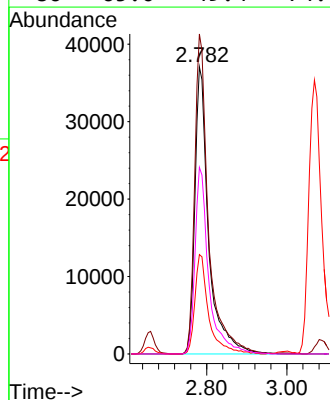
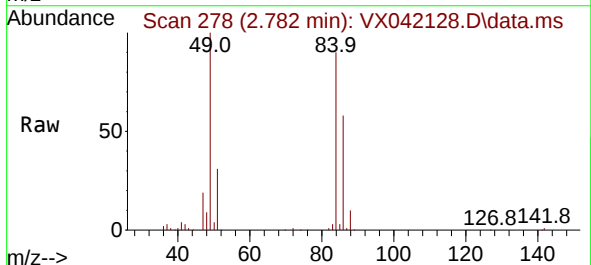
Manual Integrations
APPROVED

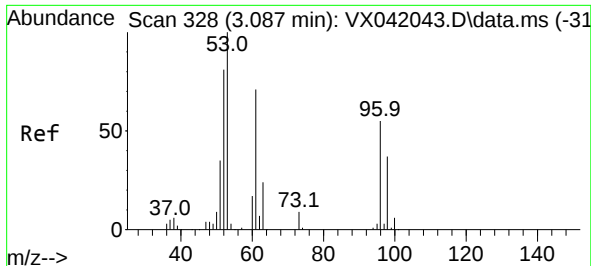
Reviewed By :John Carlone 07/03/2024
Supervised By :Semsettin Yesilyurt 07/03/2024



#20
Methylene Chloride
Concen: 47.197 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX042128.D
Acq: 02 Jul 2024 10:39

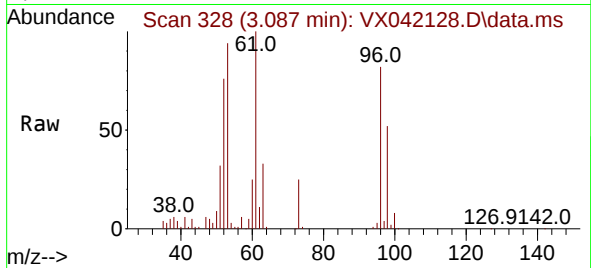
Tgt Ion: 84 Resp: 88295
Ion Ratio Lower Upper
84 100
49 111.5 103.6 155.4
51 34.6 33.8 50.6
86 65.0 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 55.695 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX042128.D
Acq: 02 Jul 2024 10:39

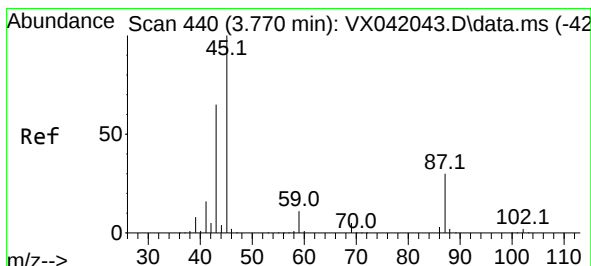
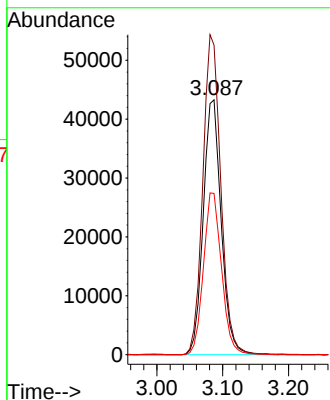
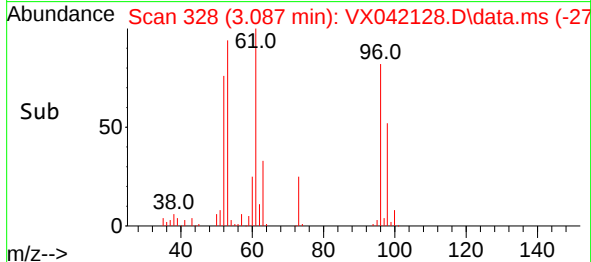
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



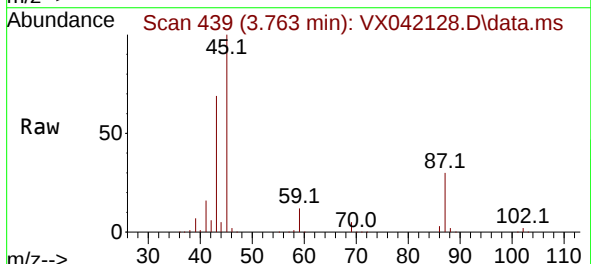
Tgt Ion: 96 Resp: 82264
Ion Ratio Lower Upper
96 100
61 121.5 119.2 178.8
98 63.3 48.7 73.1

Manual Integrations
APPROVED

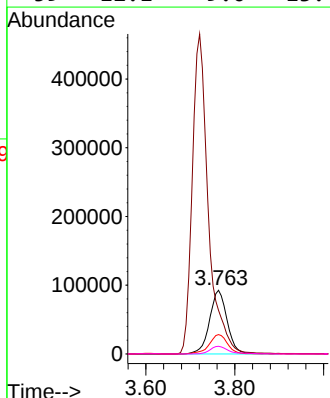
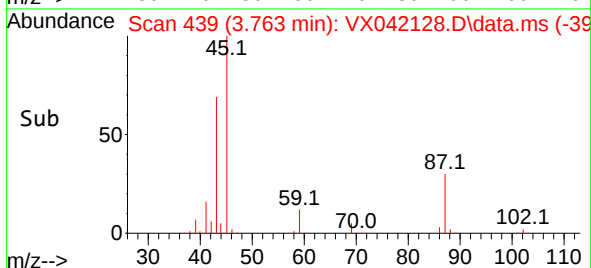
Reviewed By :John Carlone 07/03/2024
Supervised By :Semsettin Yesilyurt 07/03/2024

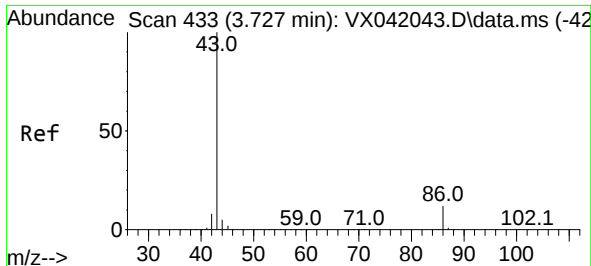


#22
Diisopropyl ether
Concen: 52.197 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX042128.D
Acq: 02 Jul 2024 10:39



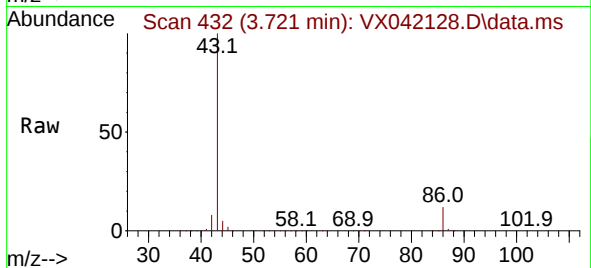
Tgt Ion: 45 Resp: 254656
Ion Ratio Lower Upper
45 100
43 68.2 69.7 104.5#
87 30.5 20.8 31.2
59 12.1 9.0 13.4





#23
 Vinyl Acetate
 Concen: 279.971 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX042128.D
 Acq: 02 Jul 2024 10:39

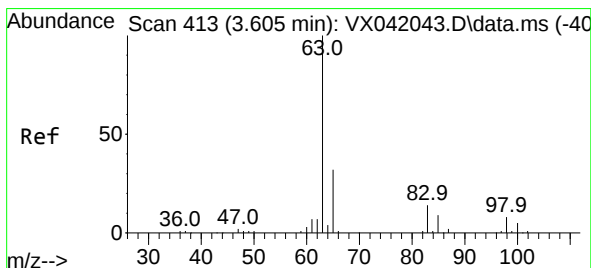
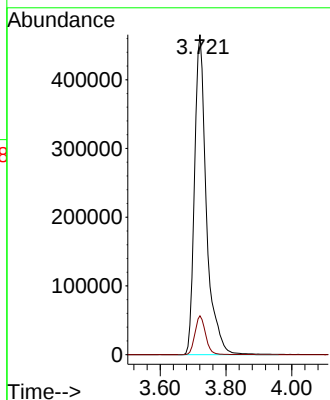
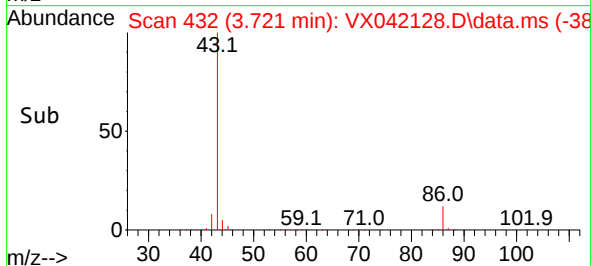
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



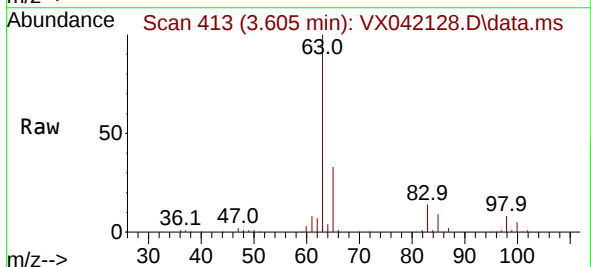
Tgt Ion: 43 Resp: 1166509
 Ion Ratio Lower Upper
 43 100
 86 12.2 7.8 11.8

Manual Integrations
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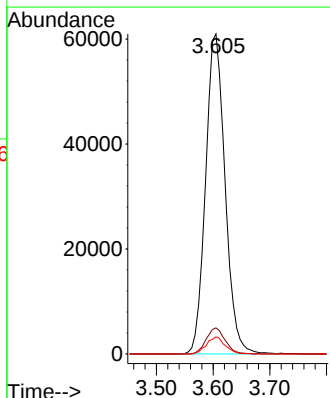
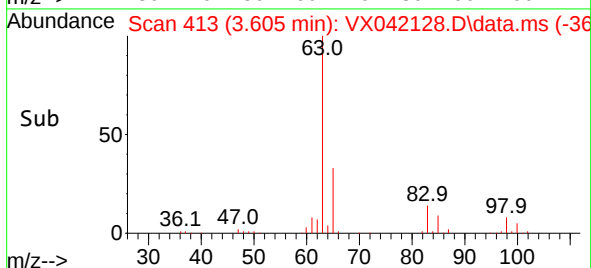
Reviewed By :John Carlone 07/03/2024
 Supervised By :Semsettin Yesilyurt 07/03/2024

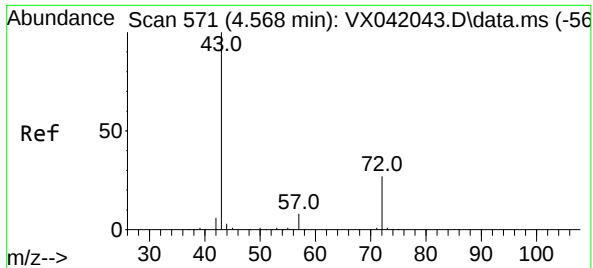


#24
 1,1-Dichloroethane
 Concen: 53.314 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX042128.D
 Acq: 02 Jul 2024 10:39



Tgt Ion: 63 Resp: 145662
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.3 9.8
 100 5.4 2.1 6.5





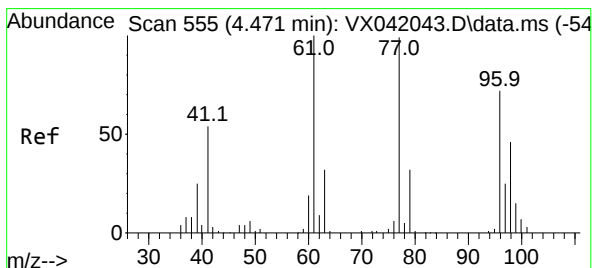
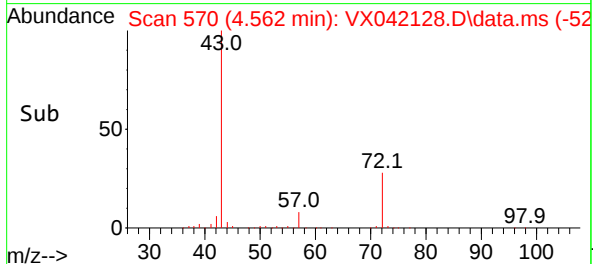
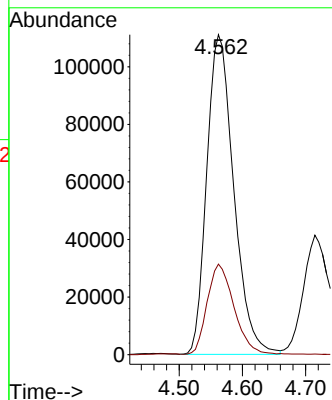
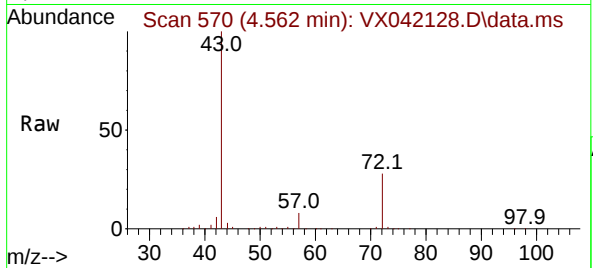
#25
2-Butanone
Concen: 247.674 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.012 min
Lab File: VX042128.D
Acq: 02 Jul 2024 10:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 329208
Ion Ratio Lower Upper
43 100
72 28.2 19.4 29.2

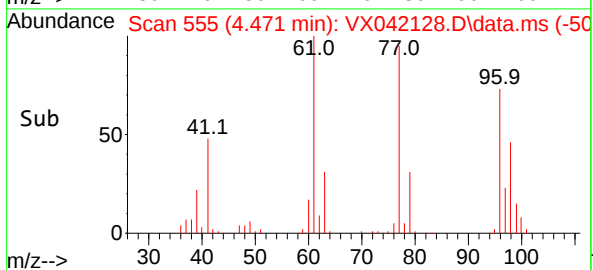
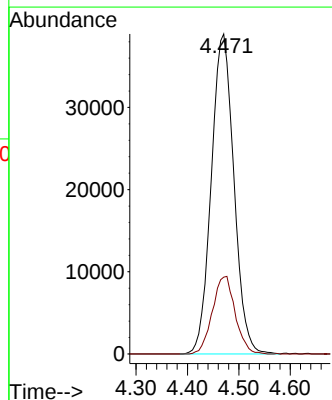
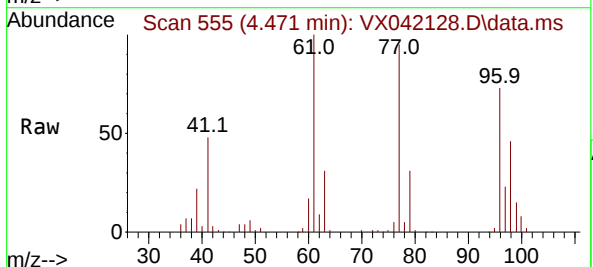
Manual Integrations
APPROVED

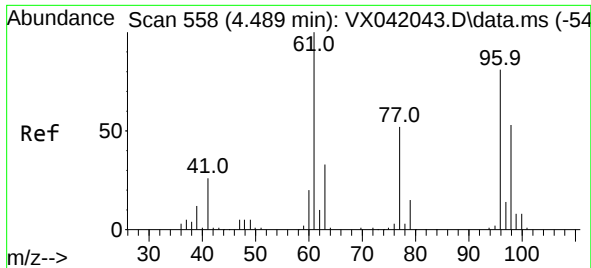
Reviewed By :John Carlone 07/03/2024
Supervised By :Semsettin Yesilyurt 07/03/2024



#26
2,2-Dichloropropane
Concen: 60.078 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.000 min
Lab File: VX042128.D
Acq: 02 Jul 2024 10:39

Tgt Ion: 77 Resp: 118865
Ion Ratio Lower Upper
77 100
97 24.4 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 54.530 ug/l
 RT: 4.483 min Scan# 557
 Delta R.T. -0.006 min
 Lab File: VX042128.D
 Acq: 02 Jul 2024 10:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

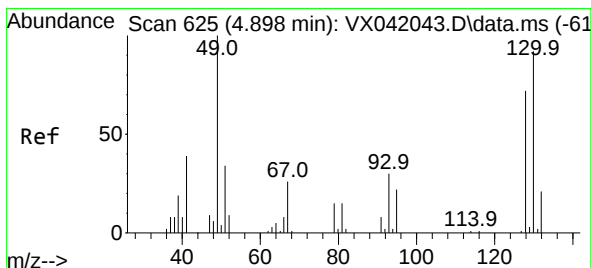
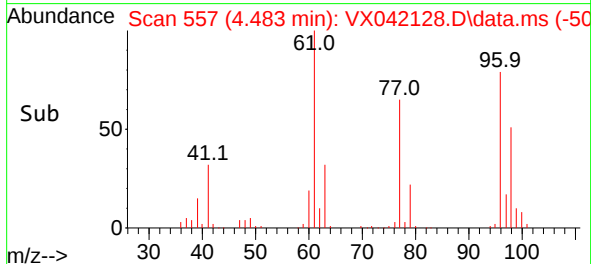
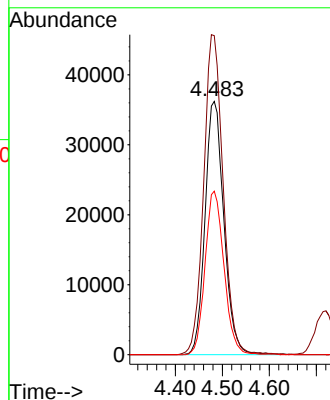
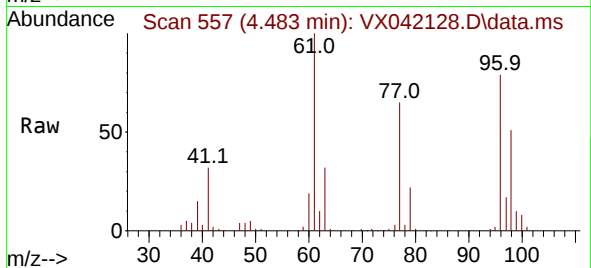
Tgt Ion: 96 Resp: 100878
 Ion Ratio Lower Upper
 96 100
 61 130.7 0.0 312.2
 98 64.8 0.0 129.0

Manual Integrations

APPROVED

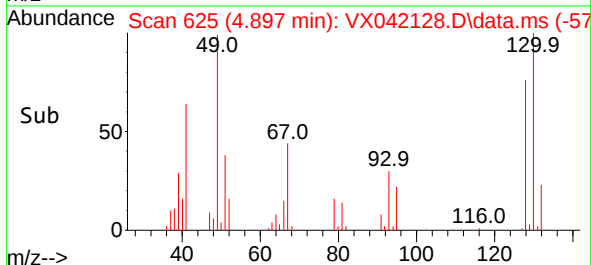
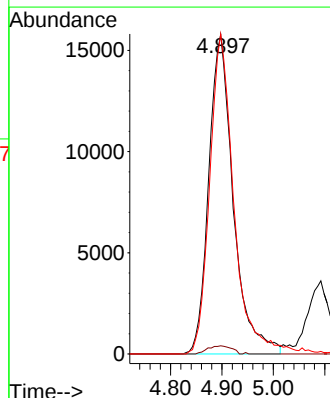
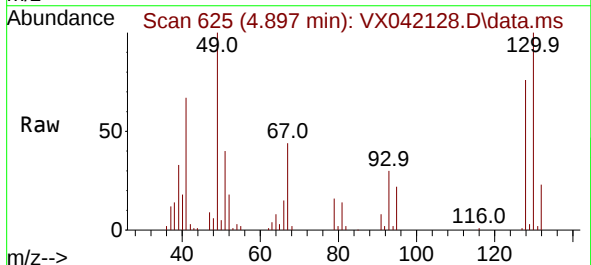
Reviewed By :John Carlone 07/03/2024

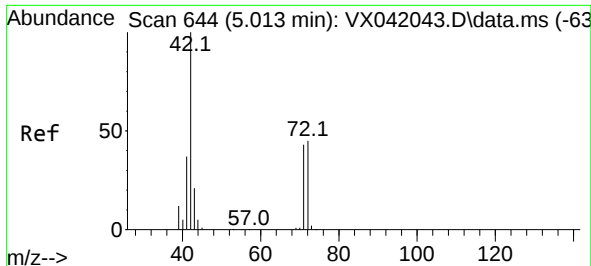
Supervised By :Semsettin Yesilyurt 07/03/2024



#28
 Bromochloromethane
 Concen: 44.669 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. -0.006 min
 Lab File: VX042128.D
 Acq: 02 Jul 2024 10:39

Tgt Ion: 49 Resp: 52272
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 3.8
 130 98.7 57.5 86.3#





#29

Tetrahydrofuran

Concen: 244.698 ug/l

RT: 5.007 min Scan# 644

Delta R.T. -0.012 min

Lab File: VX042128.D

Acq: 02 Jul 2024 10:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 21005

Ion Ratio Lower Upper

42 100

72 48.3 34.2 51.4

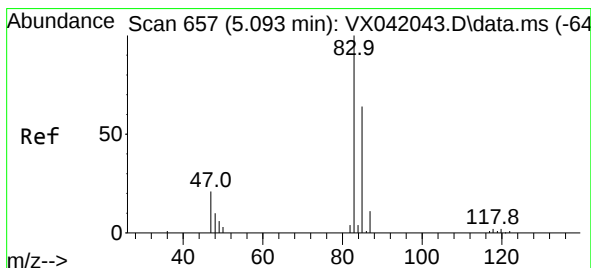
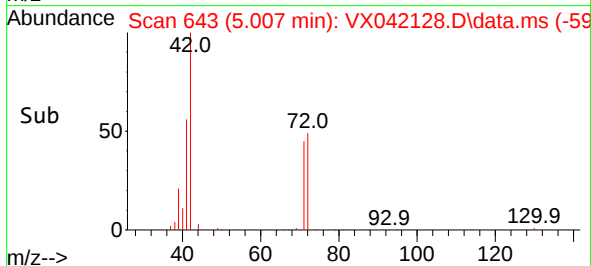
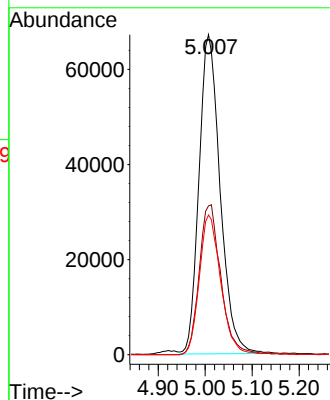
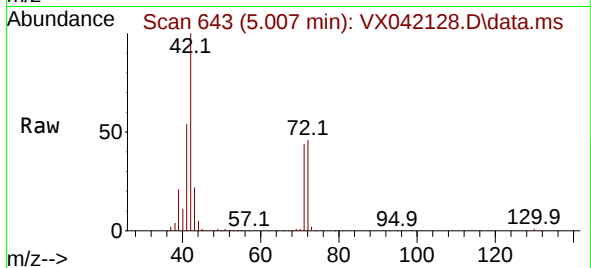
71 44.6 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/03/2024

Supervised By :Semsettin Yesilyurt 07/03/2024



#30

Chloroform

Concen: 53.079 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.012 min

Lab File: VX042128.D

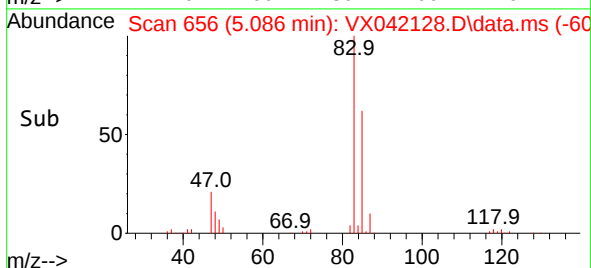
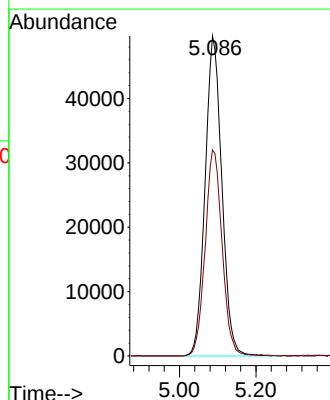
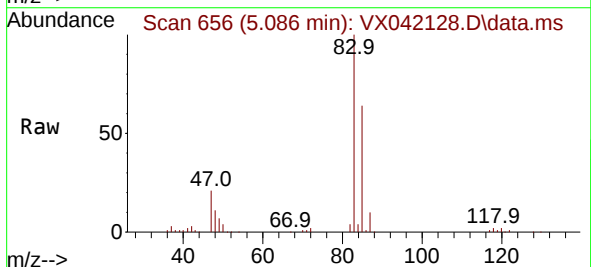
Acq: 02 Jul 2024 10:39

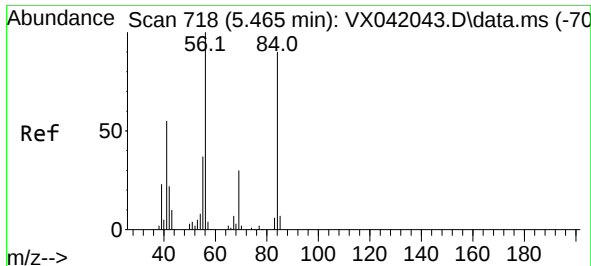
Tgt Ion: 83 Resp: 151085

Ion Ratio Lower Upper

83 100

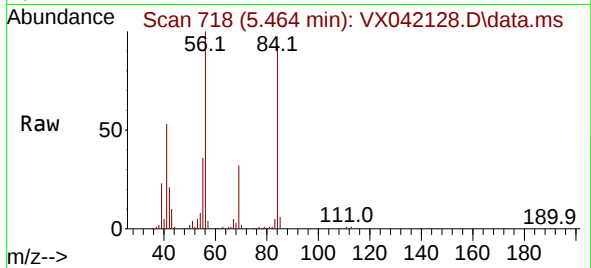
85 64.4 50.3 75.5





#31
Cyclohexane
Concen: 55.537 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX042128.D
Acq: 02 Jul 2024 10:39

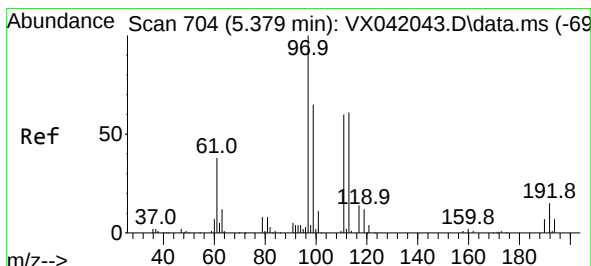
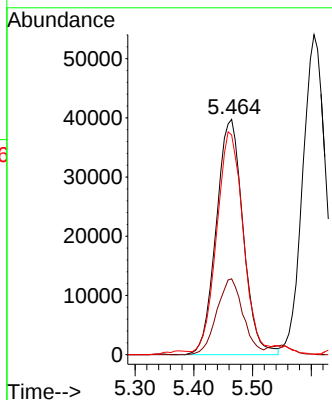
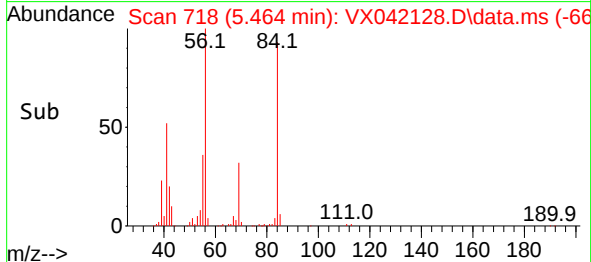
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 126374
Ion Ratio Lower Upper
56 100
69 32.2 23.4 35.2
84 91.7 65.9 98.9

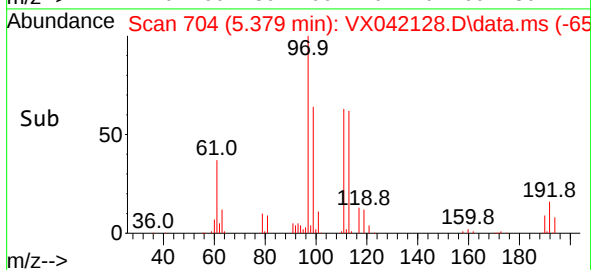
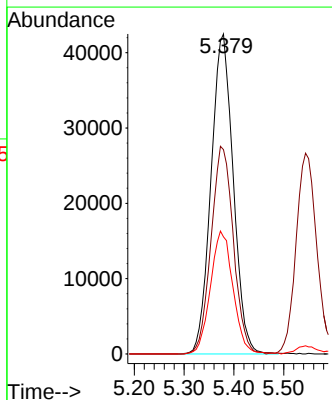
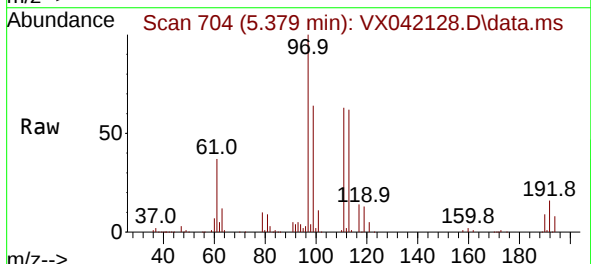
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/03/2024
Supervised By :Semsettin Yesilyurt 07/03/2024



#32
1,1,1-Trichloroethane
Concen: 55.219 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX042128.D
Acq: 02 Jul 2024 10:39

Tgt Ion: 97 Resp: 131333
Ion Ratio Lower Upper
97 100
99 65.4 51.1 76.7
61 39.1 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 43.163 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX042128.D

Acq: 02 Jul 2024 10:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 83984

Ion Ratio Lower Upper

65 100

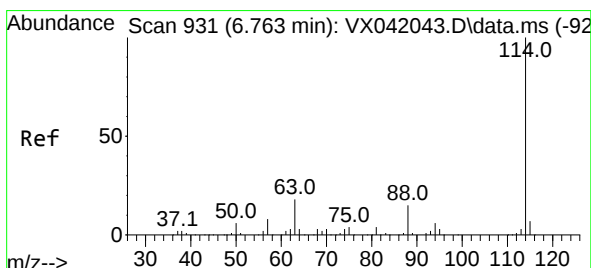
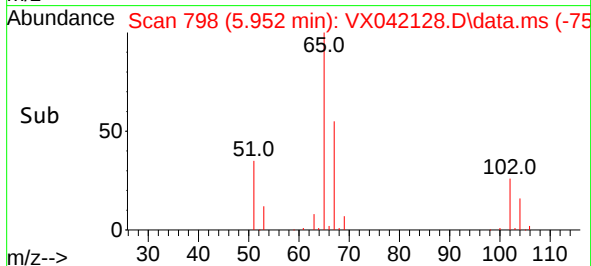
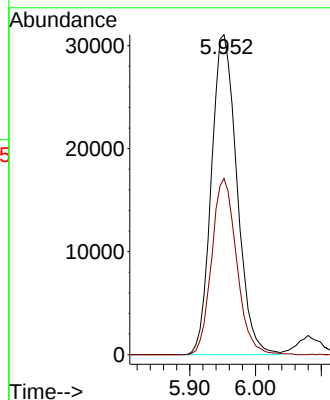
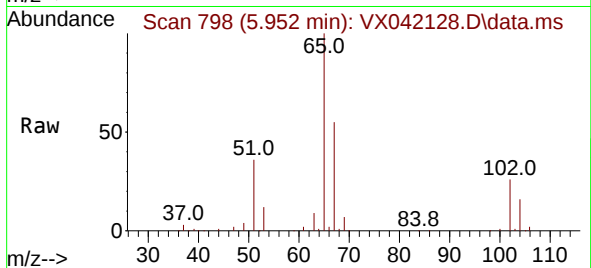
67 53.8 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/03/2024

Supervised By :Semsettin Yesilyurt 07/03/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX042128.D

Acq: 02 Jul 2024 10:39

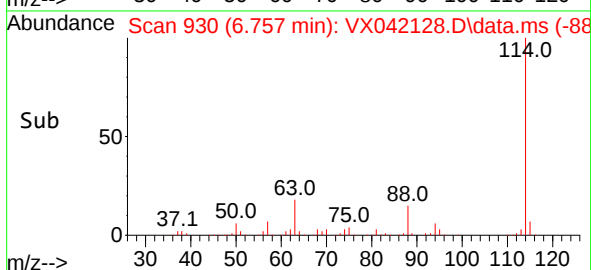
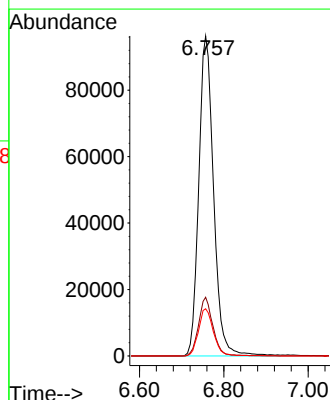
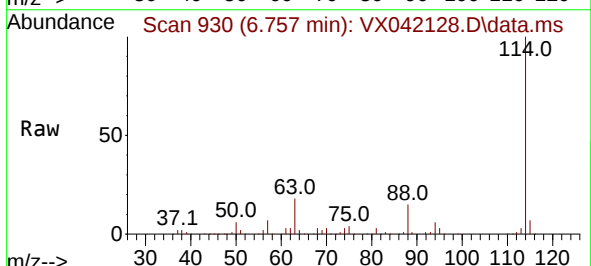
Tgt Ion:114 Resp: 235624

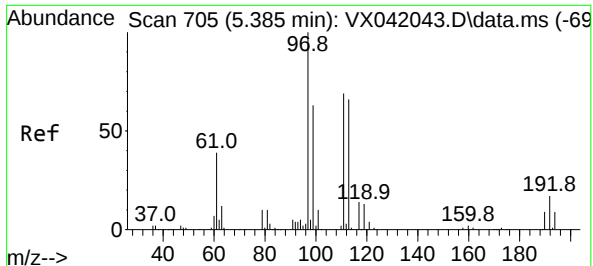
Ion Ratio Lower Upper

114 100

63 18.4 0.0 45.0

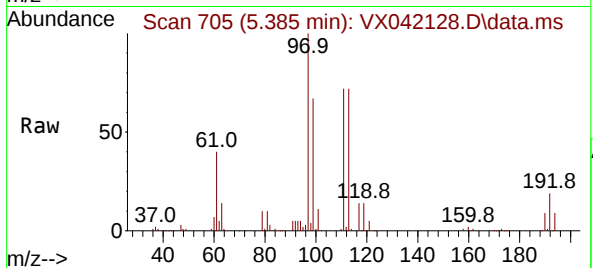
88 14.8 0.0 36.6





#35
Dibromofluoromethane
Concen: 47.407 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX042128.D
Acq: 02 Jul 2024 10:39

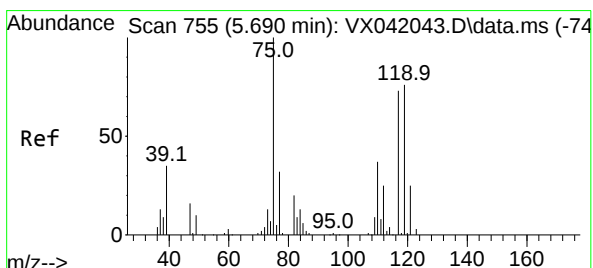
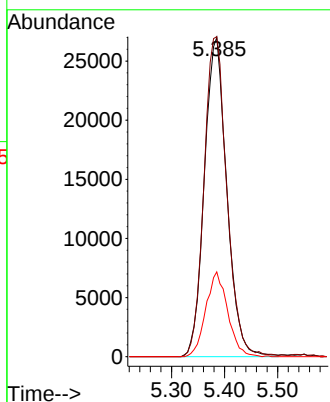
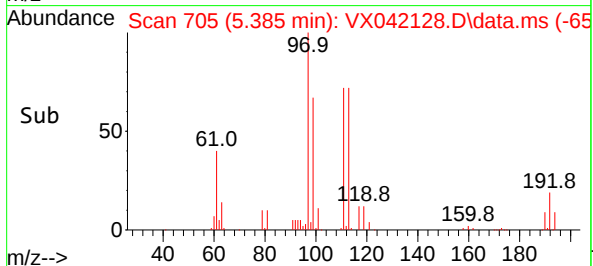
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 113 Resp: 79259
Ion Ratio Lower Upper
113 100
111 102.0 82.9 124.3
192 25.9 13.3 19.9

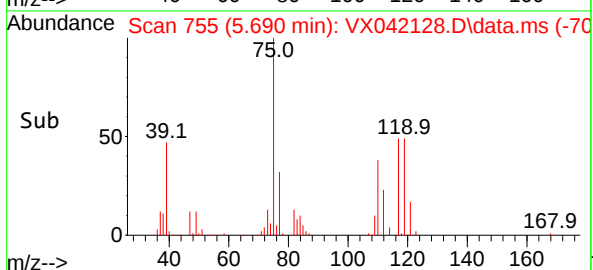
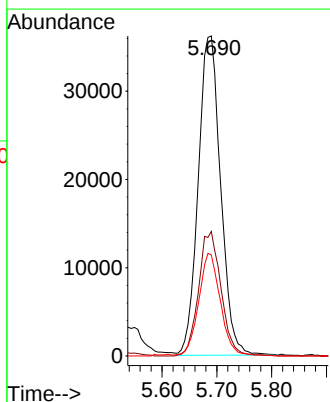
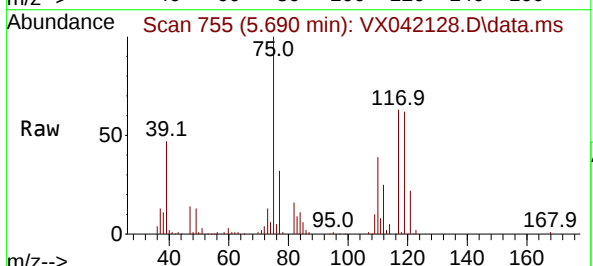
Manual Integrations
APPROVED

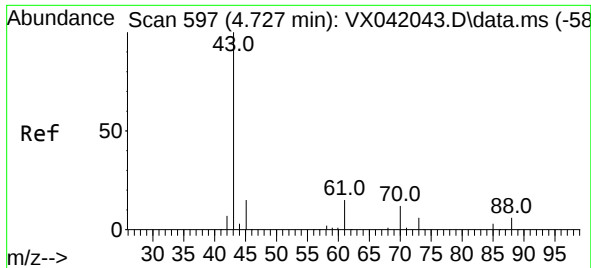
Reviewed By :John Carlone 07/03/2024
Supervised By :Semsettin Yesilyurt 07/03/2024



#36
1,1-Dichloropropene
Concen: 57.861 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX042128.D
Acq: 02 Jul 2024 10:39

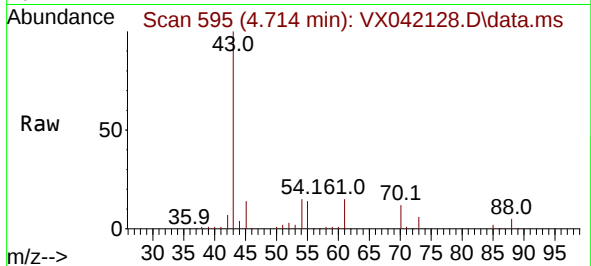
Tgt Ion: 75 Resp: 102724
Ion Ratio Lower Upper
75 100
110 39.2 17.0 50.9
77 31.3 24.7 37.1





#37
Ethyl Acetate
Concen: 53.463 ug/l
RT: 4.714 min Scan# 597
Delta R.T. -0.012 min
Lab File: VX042128.D
Acq: 02 Jul 2024 10:39

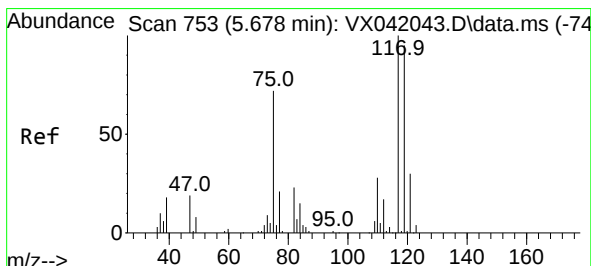
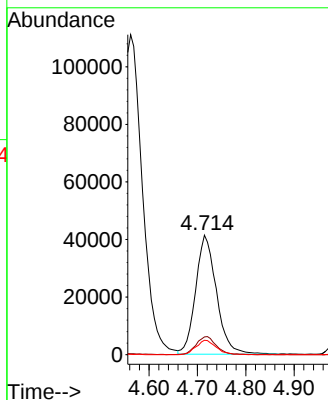
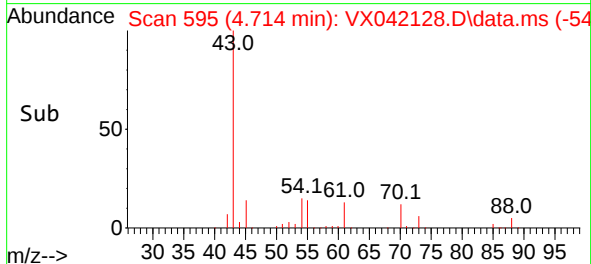
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 12364
Ion Ratio Lower Upper
43 100
61 14.9 10.6 16.0
70 11.7 8.3 12.5

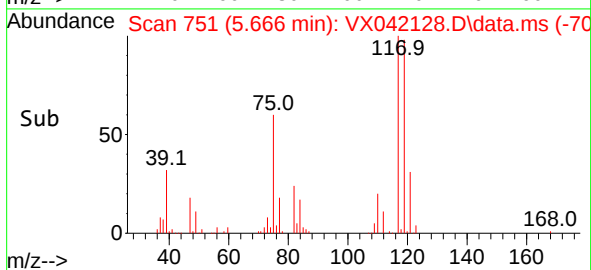
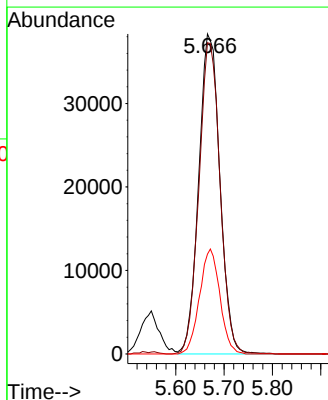
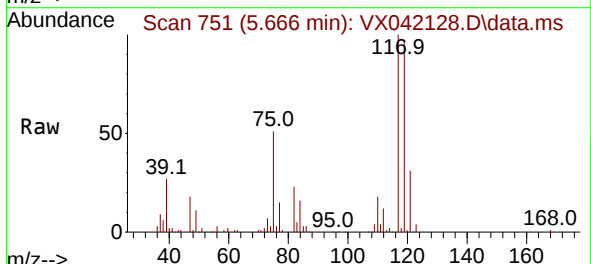
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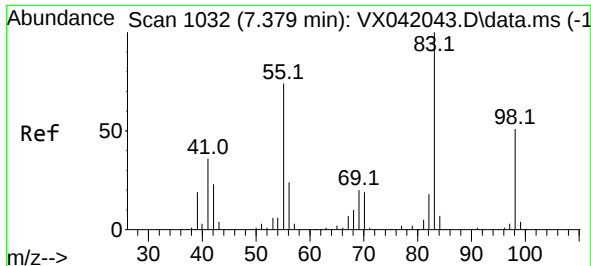
Reviewed By :John Carlone 07/03/2024
Supervised By :Semsettin Yesilyurt 07/03/2024



#38
Carbon Tetrachloride
Concen: 59.533 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.012 min
Lab File: VX042128.D
Acq: 02 Jul 2024 10:39

Tgt Ion:117 Resp: 116780
Ion Ratio Lower Upper
117 100
119 97.2 78.2 117.2
121 31.2 24.4 36.6





#39

Methylcyclohexane

Concen: 62.179 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VX042128.D

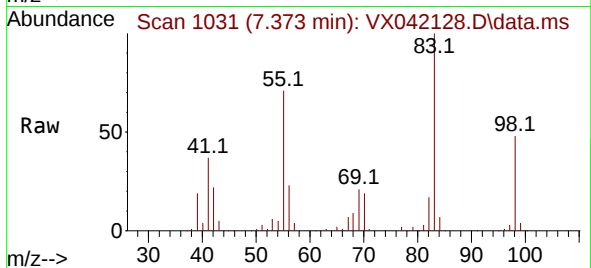
Acq: 02 Jul 2024 10:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion: 83 Resp: 139609

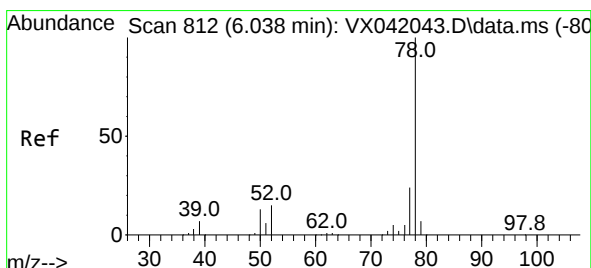
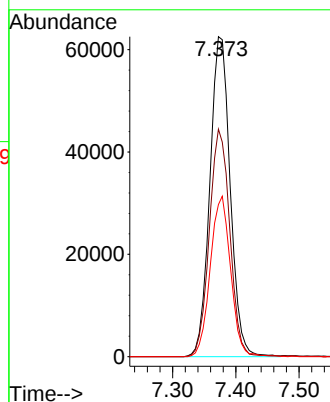
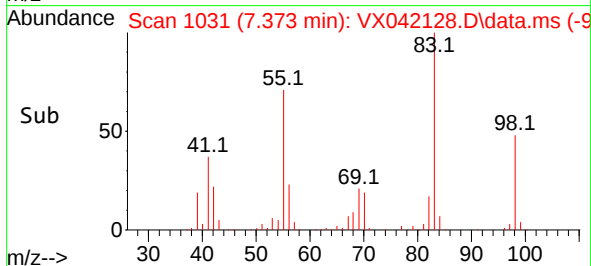
Ion	Ratio	Lower	Upper
83	100		
55	71.1	64.6	97.0
98	47.5	36.7	55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/03/2024

Supervised By :Semsettin Yesilyurt 07/03/2024



#40

Benzene

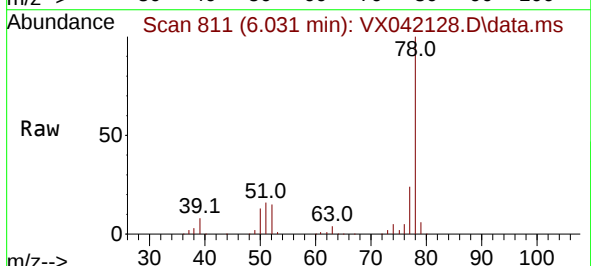
Concen: 55.927 ug/l

RT: 6.031 min Scan# 811

Delta R.T. -0.006 min

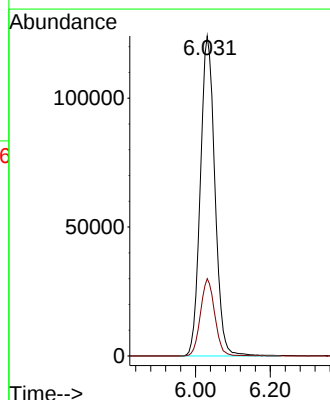
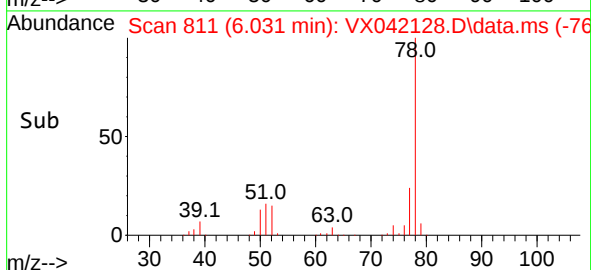
Lab File: VX042128.D

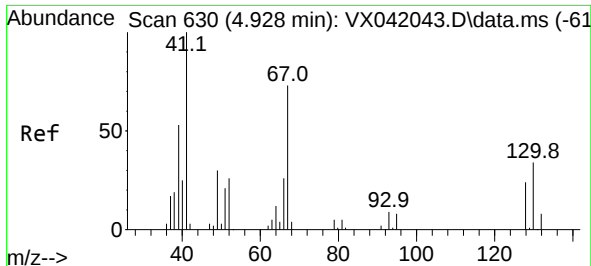
Acq: 02 Jul 2024 10:39



Tgt Ion: 78 Resp: 334877

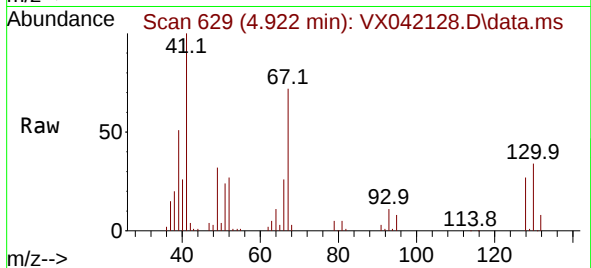
Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.3	28.9





#41
Methacrylonitrile
Concen: 54.587 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX042128.D
Acq: 02 Jul 2024 10:39

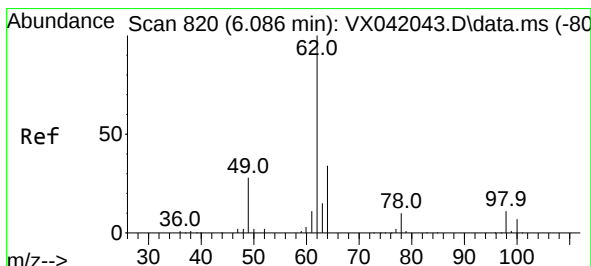
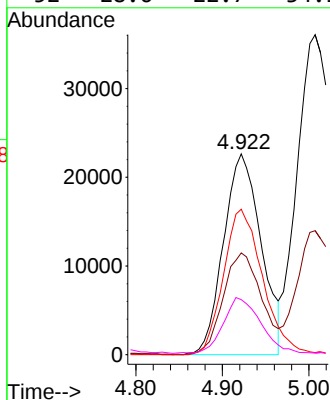
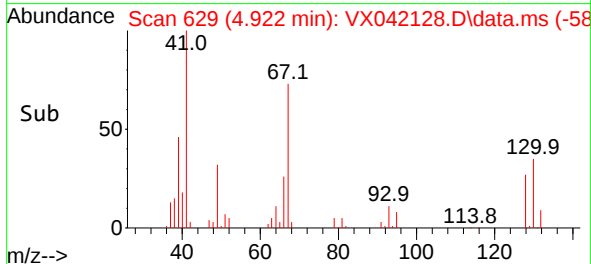
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 6843
Ion Ratio Lower Upper
41 100
39 51.7 45.2 67.8
67 76.0 52.6 78.8
52 28.6 22.7 34.1

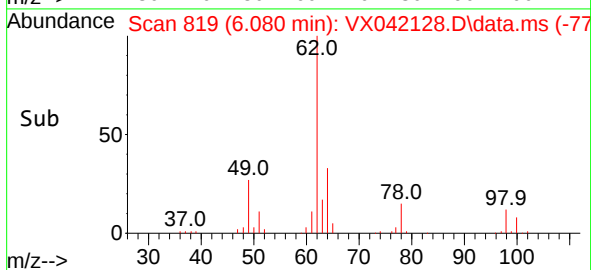
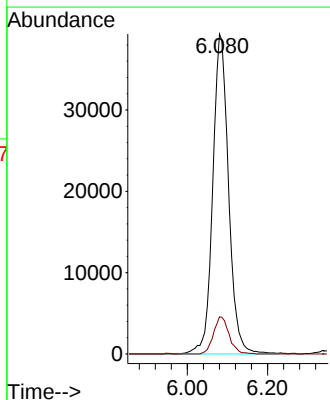
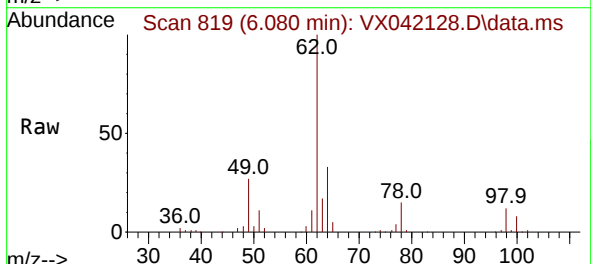
Manual Integrations
APPROVED

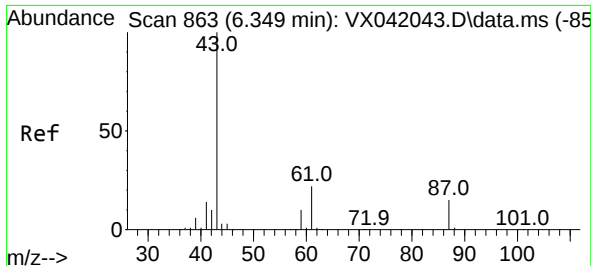
Reviewed By :John Carlone 07/03/2024
Supervised By :Semsettin Yesilyurt 07/03/2024



#42
1,2-Dichloroethane
Concen: 55.835 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX042128.D
Acq: 02 Jul 2024 10:39

Tgt Ion: 62 Resp: 107689
Ion Ratio Lower Upper
62 100
98 11.4 0.0 16.0





#43

Isopropyl Acetate

Concen: 53.249 ug/l

RT: 6.342 min Scan# 862

Delta R.T. -0.006 min

Lab File: VX042128.D

Acq: 02 Jul 2024 10:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 18902

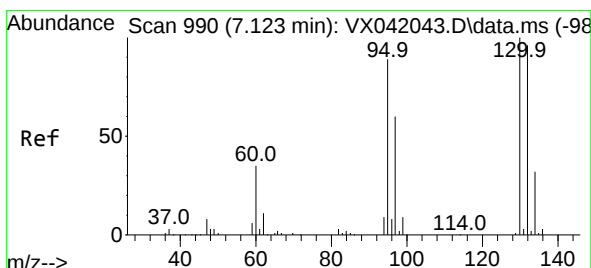
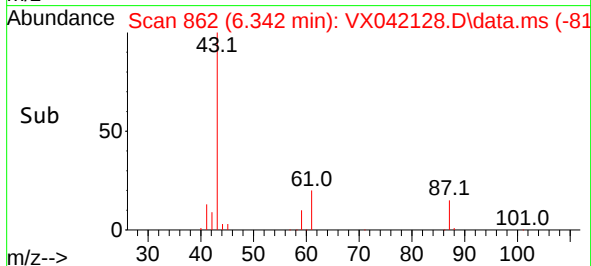
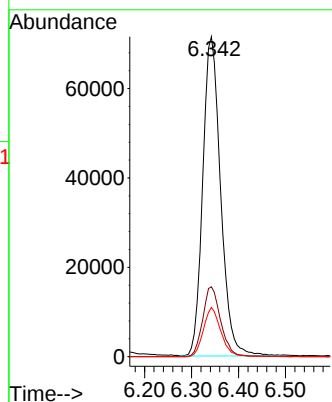
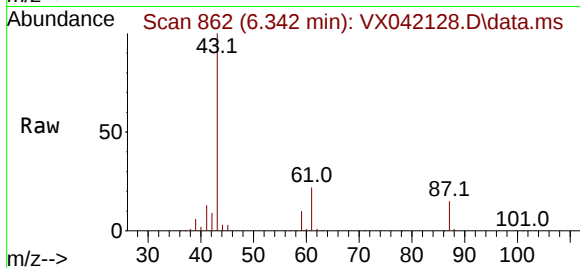
Ion	Ratio	Lower	Upper
43	100		
61	21.9	15.2	22.8
87	15.0	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/03/2024

Supervised By :Semsettin Yesilyurt 07/03/2024



#44

Trichloroethene

Concen: 58.003 ug/l

RT: 7.123 min Scan# 990

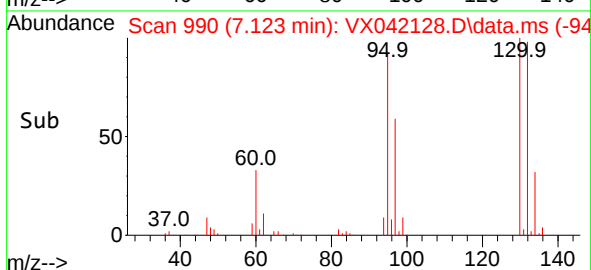
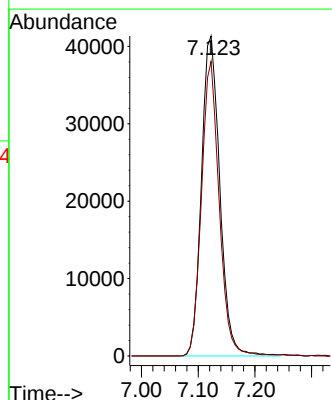
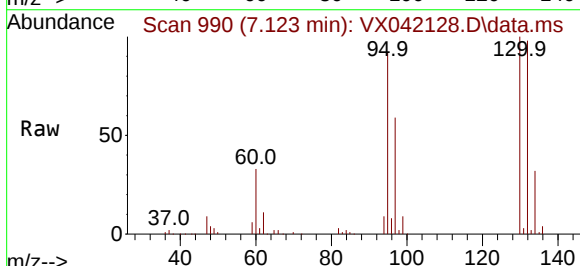
Delta R.T. -0.006 min

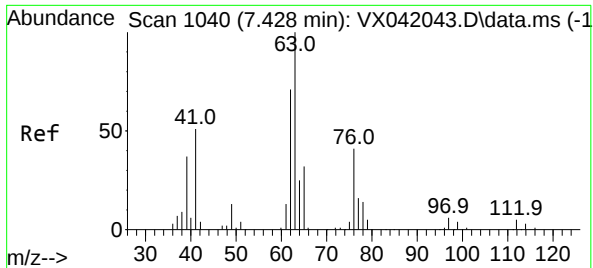
Lab File: VX042128.D

Acq: 02 Jul 2024 10:39

Tgt Ion:130 Resp: 93095

Ion	Ratio	Lower	Upper
130	100		
95	92.1	0.0	204.4





#45

1,2-Dichloropropane

Concen: 55.740 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX042128.D

Acq: 02 Jul 2024 10:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 82060

Ion Ratio Lower Upper

63 100

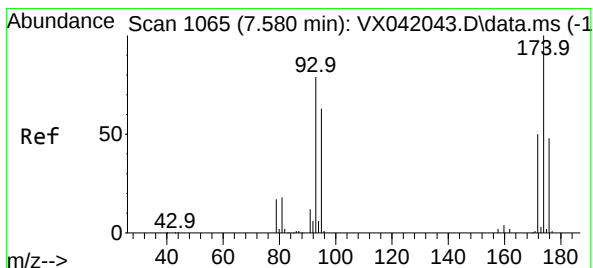
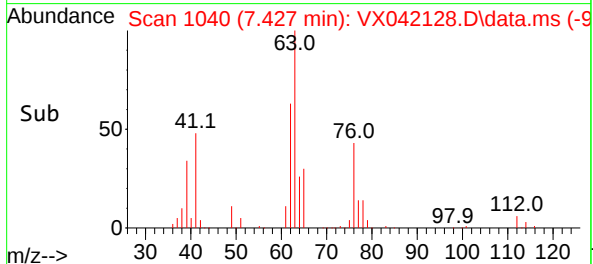
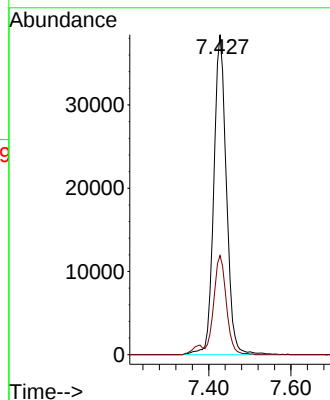
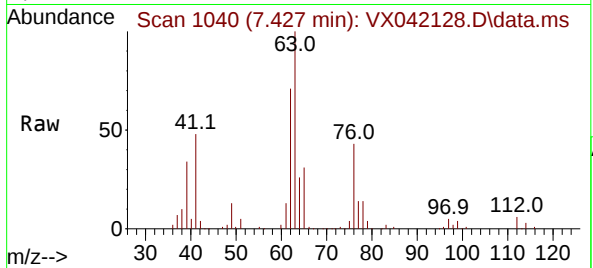
65 31.0 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/03/2024

Supervised By :Semsettin Yesilyurt 07/03/2024



#46

Dibromomethane

Concen: 56.644 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX042128.D

Acq: 02 Jul 2024 10:39

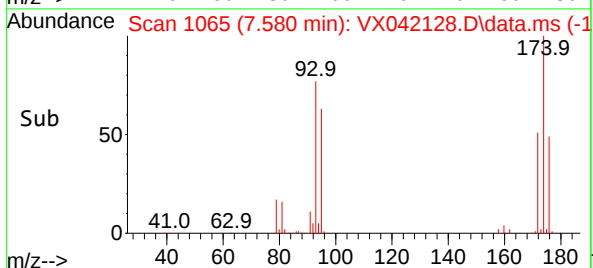
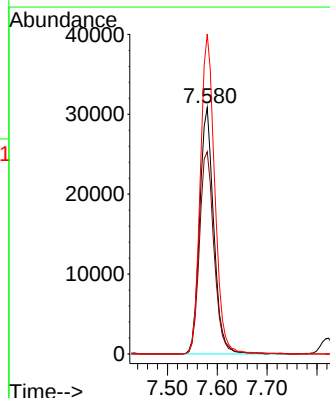
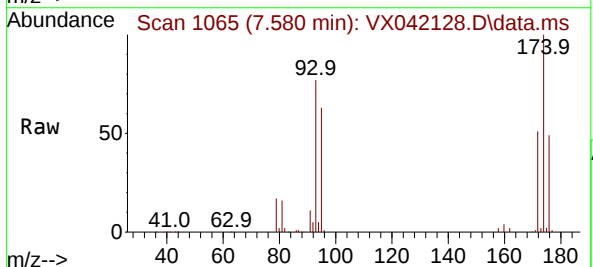
Tgt Ion: 93 Resp: 60764

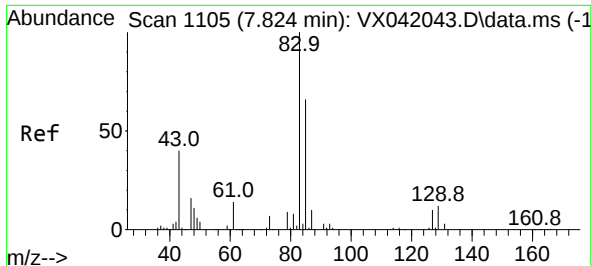
Ion Ratio Lower Upper

93 100

95 84.5 66.6 100.0

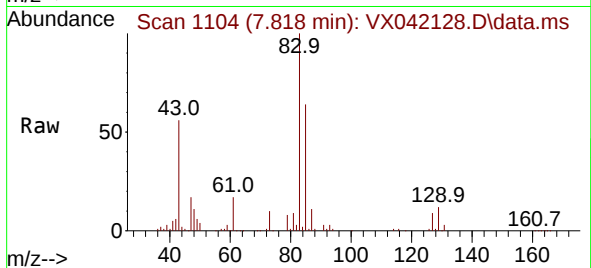
174 132.4 69.4 104.0#





#47
Bromodichloromethane
Concen: 56.917 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX042128.D
Acq: 02 Jul 2024 10:39

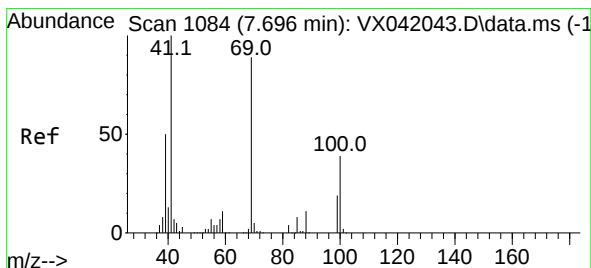
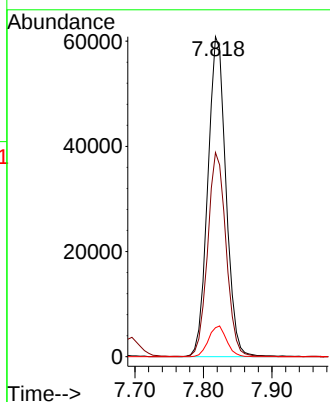
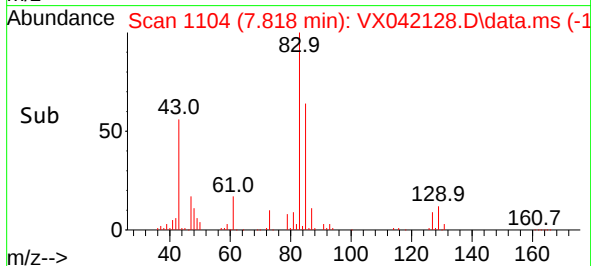
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 112099
Ion Ratio Lower Upper
83 100
85 63.8 49.8 74.6
127 9.0 7.1 10.7

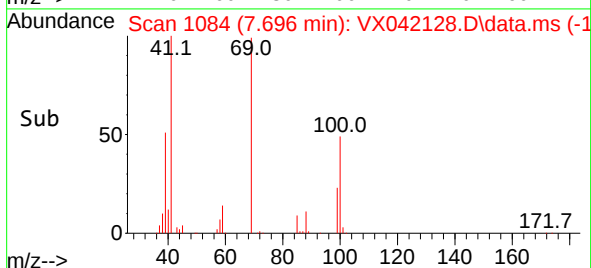
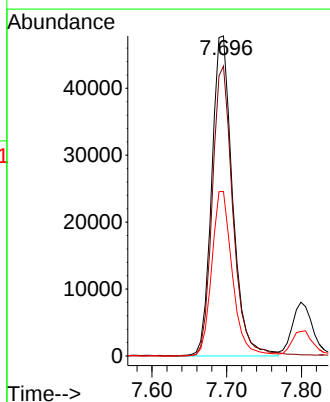
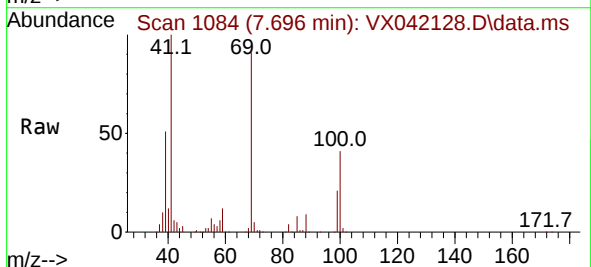
Manual Integrations
APPROVED

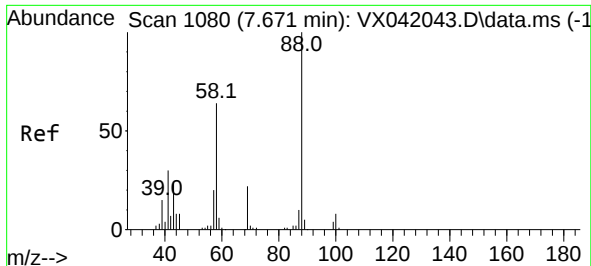
Reviewed By :John Carbone 07/03/2024
Supervised By :Semsettin Yesilyurt 07/03/2024



#48
Methyl methacrylate
Concen: 54.815 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX042128.D
Acq: 02 Jul 2024 10:39

Tgt Ion: 41 Resp: 92866
Ion Ratio Lower Upper
41 100
69 89.8 59.2 88.8#
39 50.9 47.7 71.5





#49

1,4-Dioxane

Concen: 964.529 ug/l

RT: 7.665 min Scan# 1080

Delta R.T. 0.000 min

Lab File: VX042128.D

Acq: 02 Jul 2024 10:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 43205

Ion Ratio Lower Upper

88 100

43 28.1 0.0 0.0

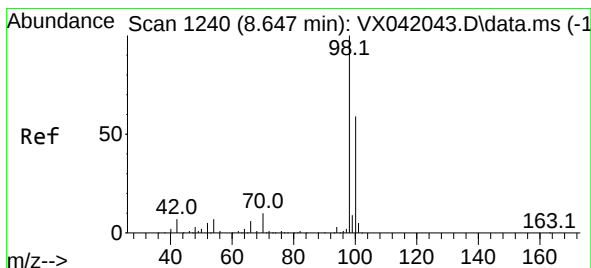
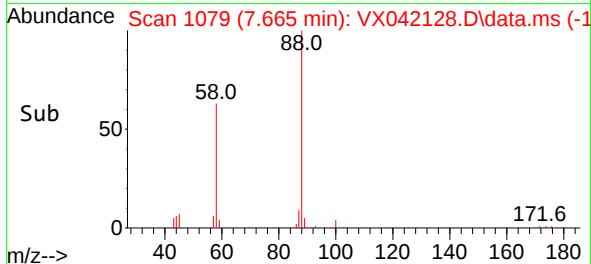
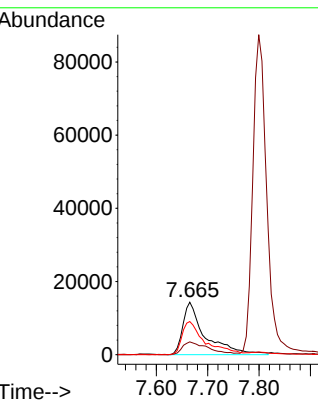
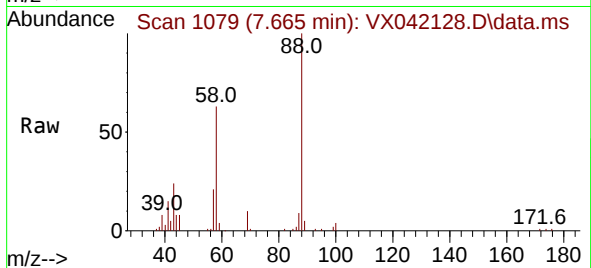
58 64.7 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/03/2024

Supervised By :Semsettin Yesilyurt 07/03/2024



#50

Toluene-d8

Concen: 45.178 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX042128.D

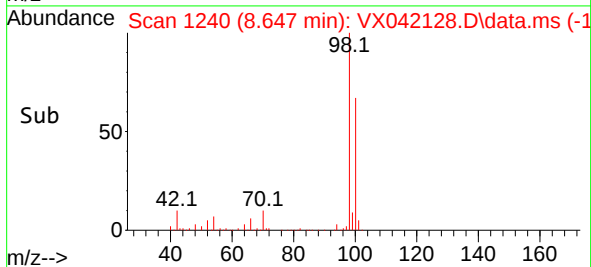
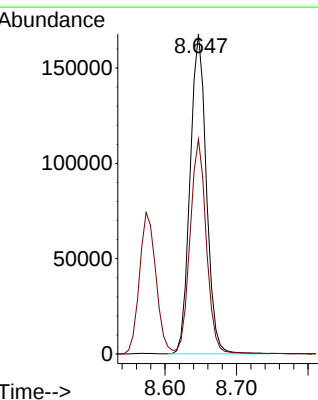
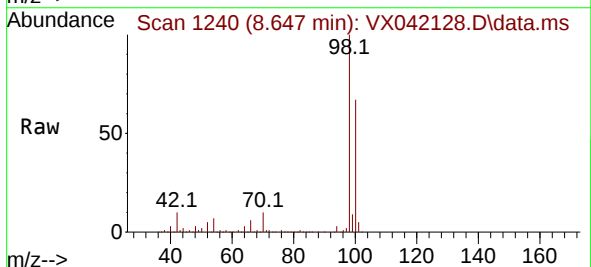
Acq: 02 Jul 2024 10:39

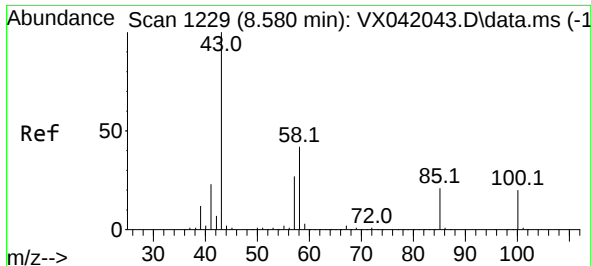
Tgt Ion: 98 Resp: 265346

Ion Ratio Lower Upper

98 100

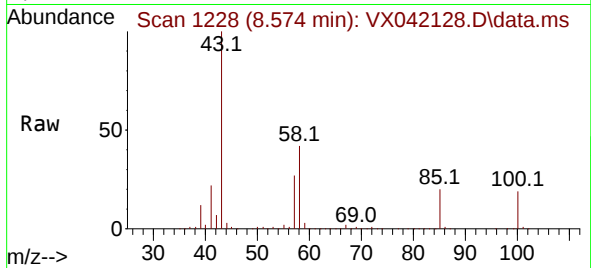
100 67.1 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 255.802 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VX042128.D
Acq: 02 Jul 2024 10:39

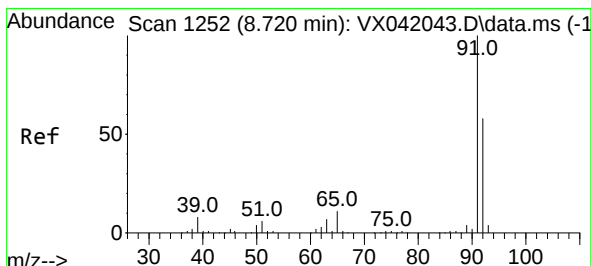
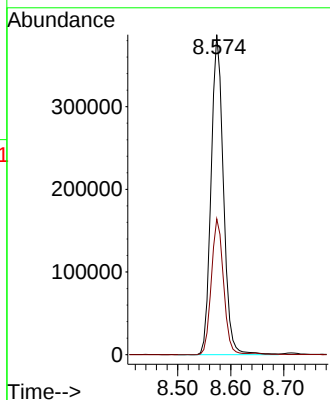
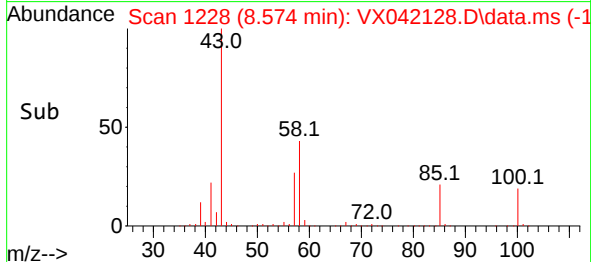
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 625510
Ion Ratio Lower Upper
43 100
58 42.0 30.4 45.6

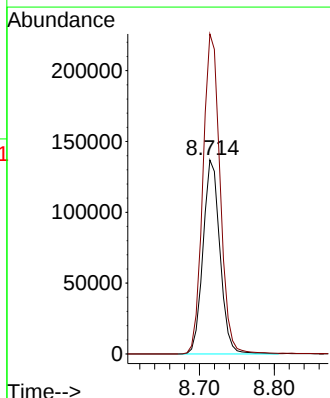
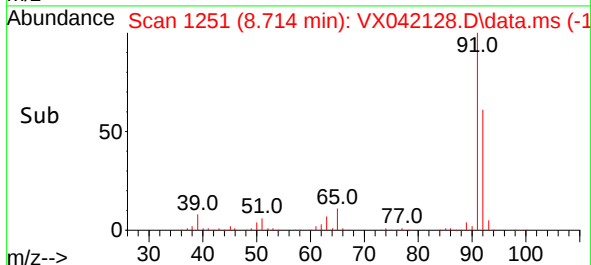
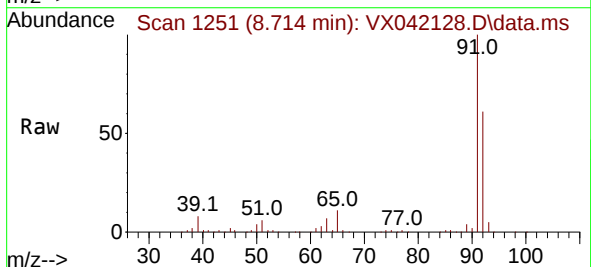
Manual Integrations
APPROVED

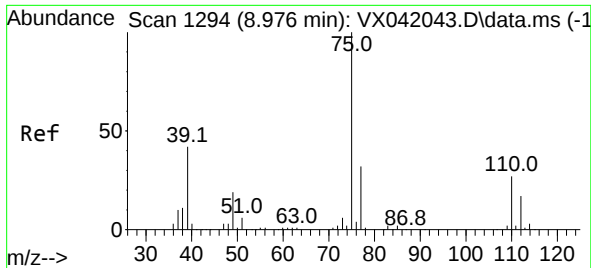
Reviewed By :John Carlone 07/03/2024
Supervised By :Semsettin Yesilyurt 07/03/2024



#52
Toluene
Concen: 56.413 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX042128.D
Acq: 02 Jul 2024 10:39

Tgt Ion: 92 Resp: 215096
Ion Ratio Lower Upper
92 100
91 168.6 134.2 201.2





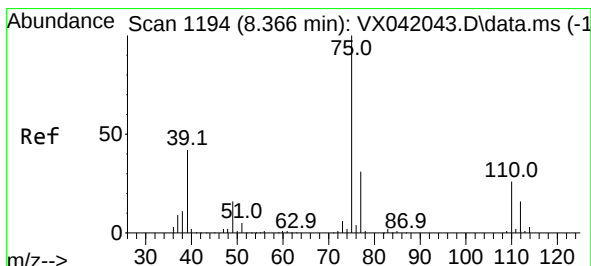
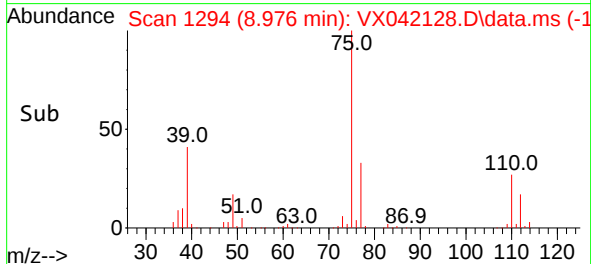
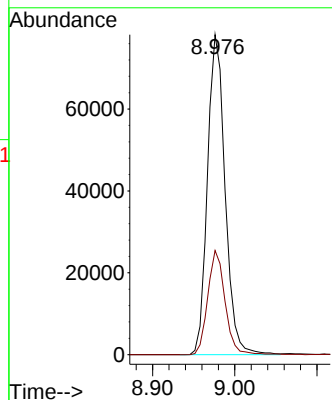
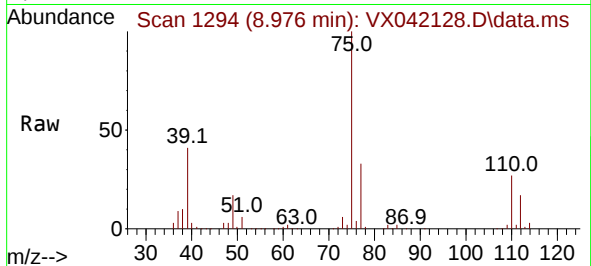
#53
t-1,3-Dichloropropene
Concen: 55.619 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. -0.006 min
Lab File: VX042128.D
Acq: 02 Jul 2024 10:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 116415
Ion Ratio Lower Upper
75 100
77 32.5 25.7 38.5

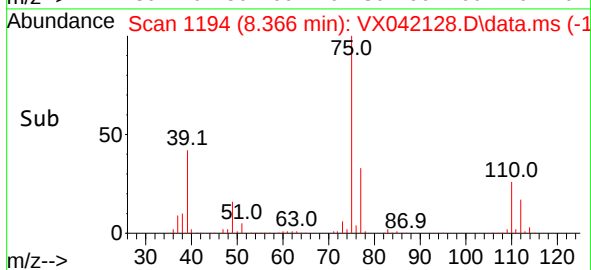
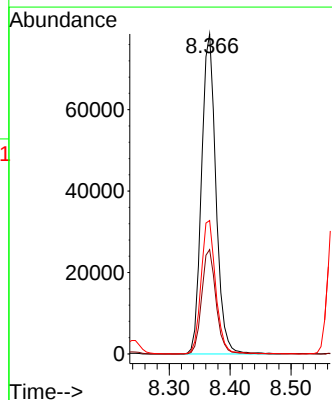
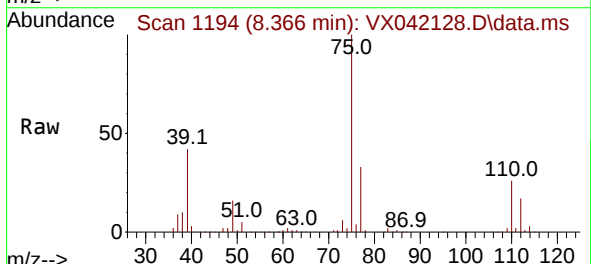
Manual Integrations
APPROVED

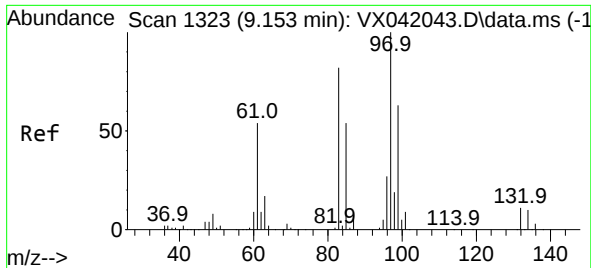
Reviewed By :John Carlone 07/03/2024
Supervised By :Semsettin Yesilyurt 07/03/2024



#54
cis-1,3-Dichloropropene
Concen: 59.981 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX042128.D
Acq: 02 Jul 2024 10:39

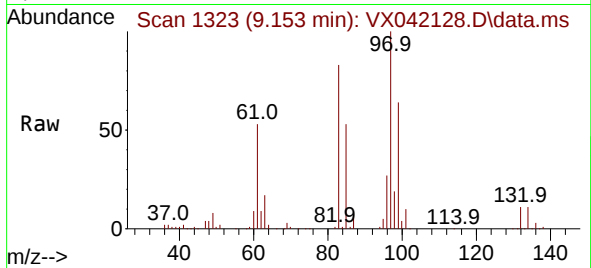
Tgt Ion: 75 Resp: 129335
Ion Ratio Lower Upper
75 100
77 32.6 25.3 37.9
39 41.6 46.7 70.1#





#55
1,1,2-Trichloroethane
Concen: 55.051 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX042128.D
Acq: 02 Jul 2024 10:39

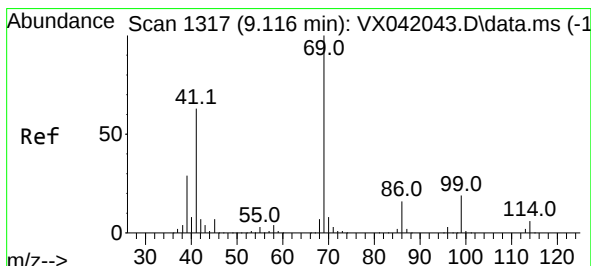
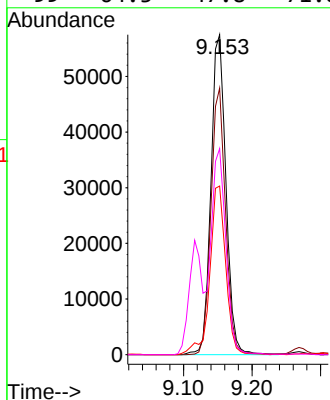
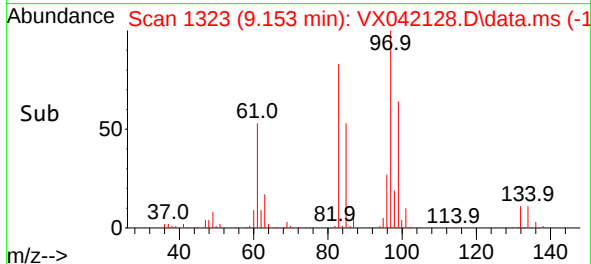
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



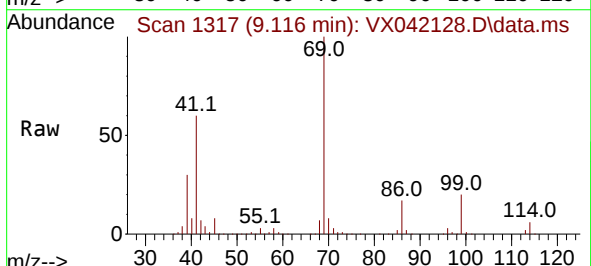
Tgt Ion: 97 Resp: 8744
Ion Ratio Lower Upper
97 100
83 83.3 65.8 98.8
85 52.7 41.6 62.4
99 64.3 47.8 71.8

Manual Integrations
APPROVED

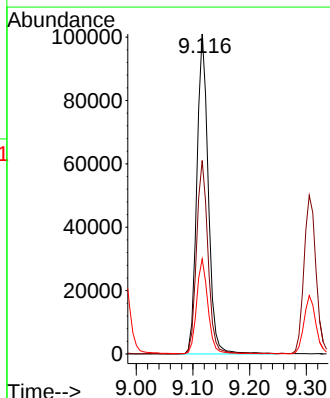
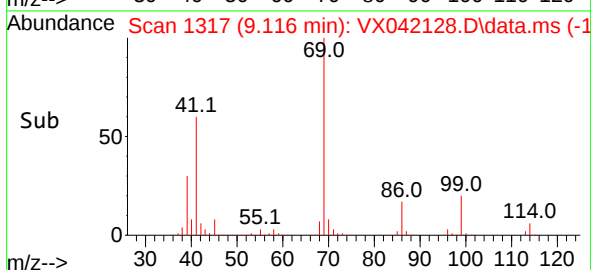
Reviewed By :John Carlone 07/03/2024
Supervised By :Semsettin Yesilyurt 07/03/2024

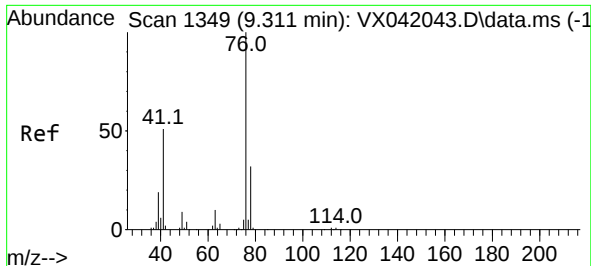


#56
Ethyl methacrylate
Concen: 57.086 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VX042128.D
Acq: 02 Jul 2024 10:39



Tgt Ion: 69 Resp: 141063
Ion Ratio Lower Upper
69 100
41 61.3 56.8 85.2
39 29.1 32.0 48.0#





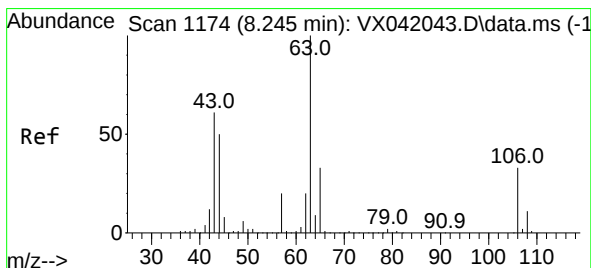
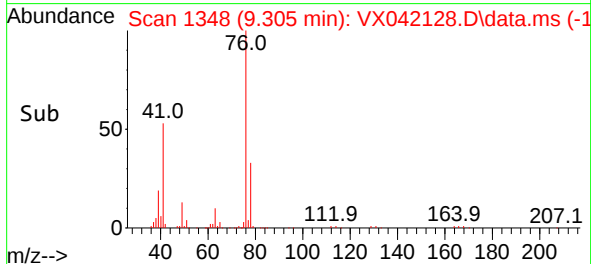
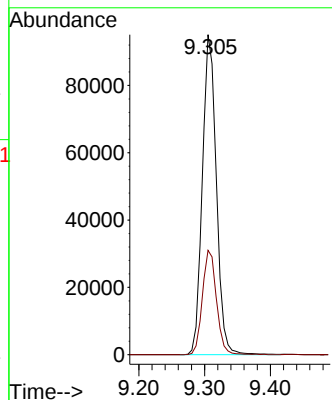
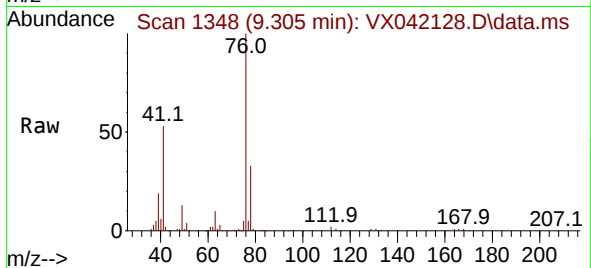
#57
1,3-Dichloropropane
Concen: 54.871 ug/l
RT: 9.305 min Scan# 1113
Delta R.T. -0.006 min
Lab File: VX042128.D
Acq: 02 Jul 2024 10:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 14081
Ion Ratio Lower Upper
76 100
78 32.8 26.1 39.1

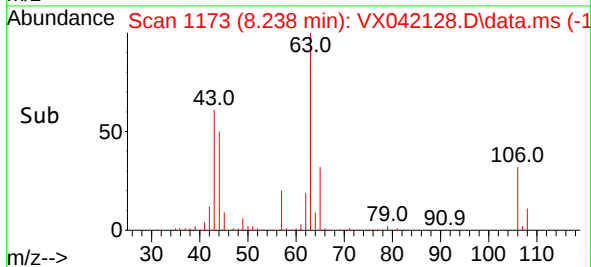
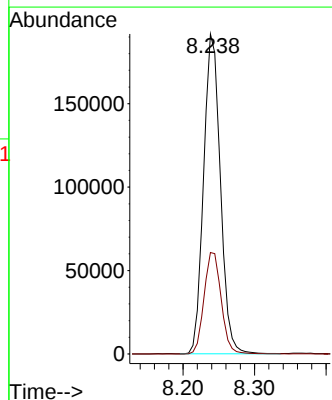
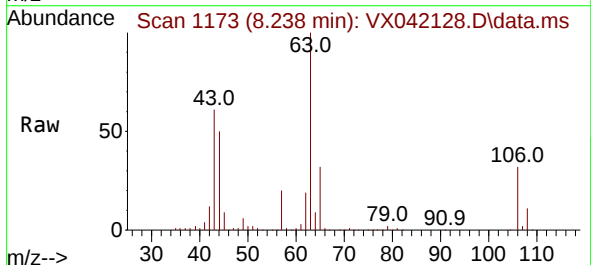
Manual Integrations
APPROVED

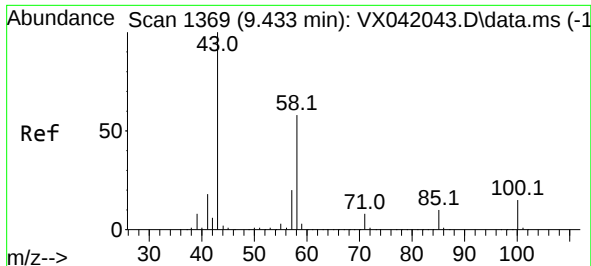
Reviewed By :John Carlone 07/03/2024
Supervised By :Semsettin Yesilyurt 07/03/2024



#58
2-Chloroethyl Vinyl ether
Concen: 271.602 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX042128.D
Acq: 02 Jul 2024 10:39

Tgt Ion: 63 Resp: 312762
Ion Ratio Lower Upper
63 100
106 32.4 22.5 33.7





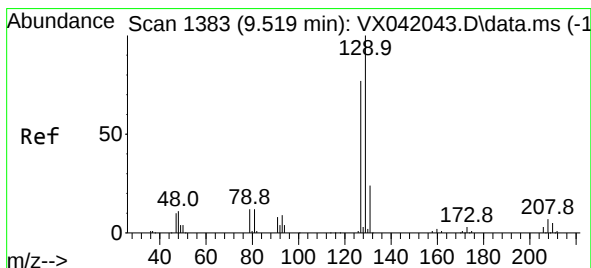
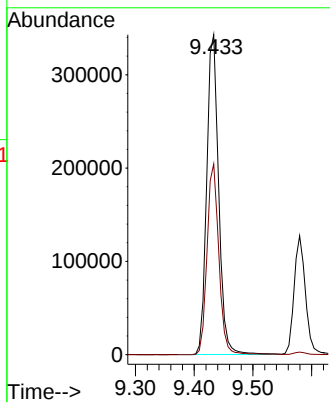
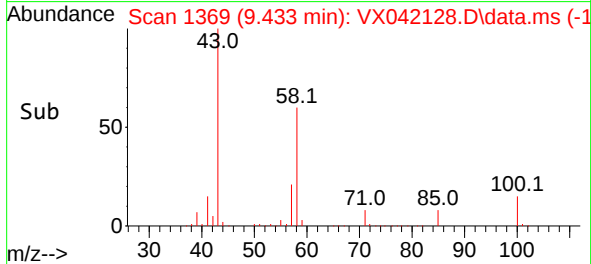
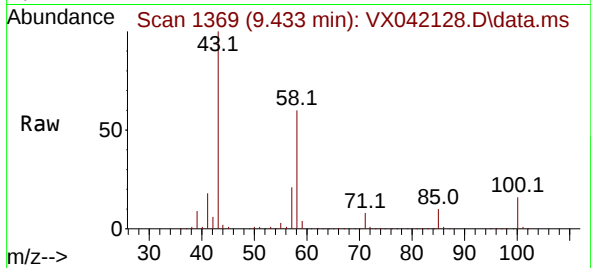
#59
2-Hexanone
Concen: 258.834 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX042128.D
Acq: 02 Jul 2024 10:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 484765
Ion Ratio Lower Upper
43 100
58 58.9 26.2 78.5

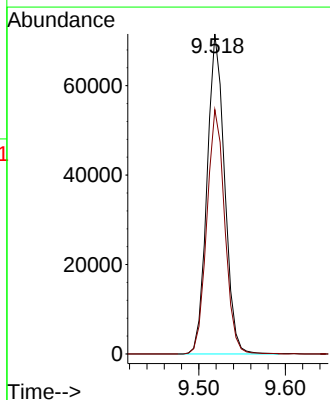
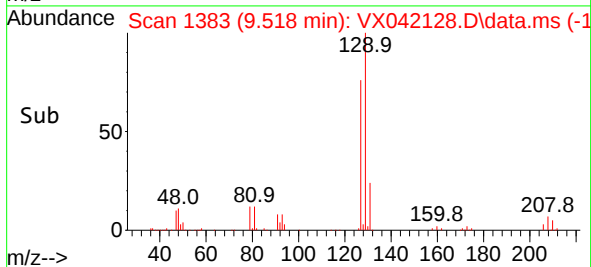
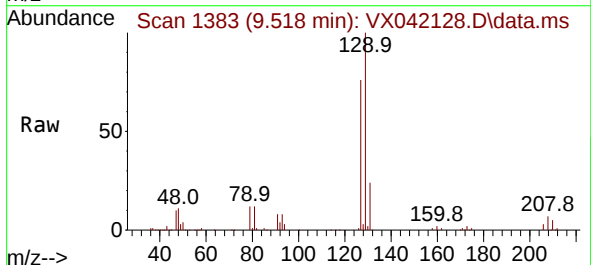
Manual Integrations
APPROVED

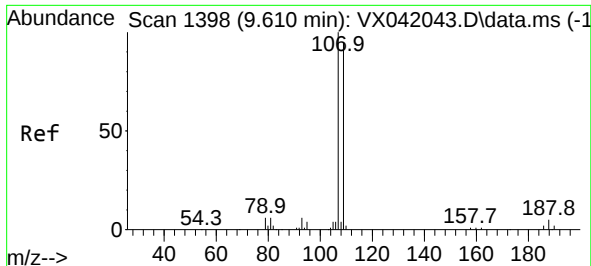
Reviewed By :John Carlone 07/03/2024
Supervised By :Semsettin Yesilyurt 07/03/2024



#60
Dibromochloromethane
Concen: 58.346 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX042128.D
Acq: 02 Jul 2024 10:39

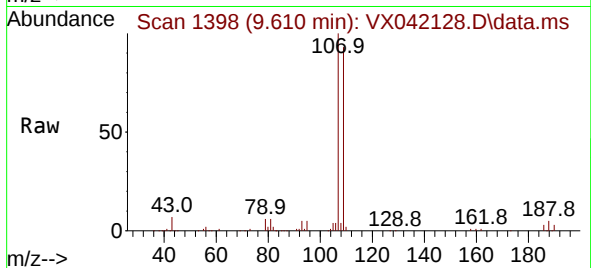
Tgt Ion:129 Resp: 100668
Ion Ratio Lower Upper
129 100
127 78.0 38.8 116.4





#61
1,2-Dibromoethane
Concen: 56.527 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX042128.D
Acq: 02 Jul 2024 10:39

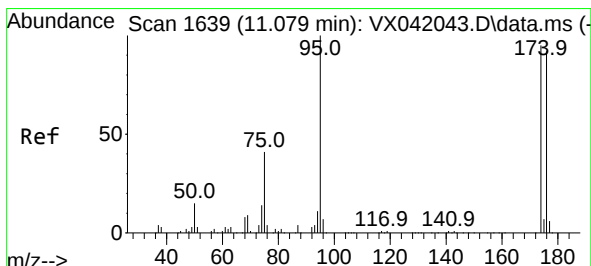
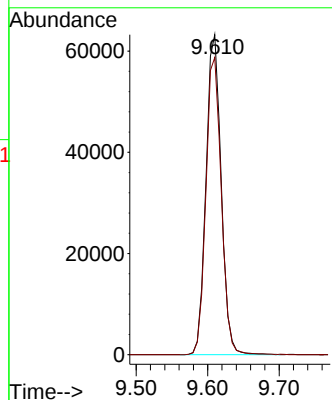
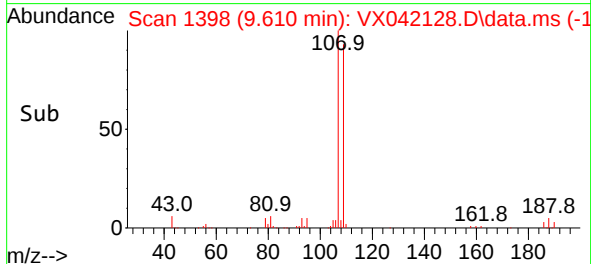
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



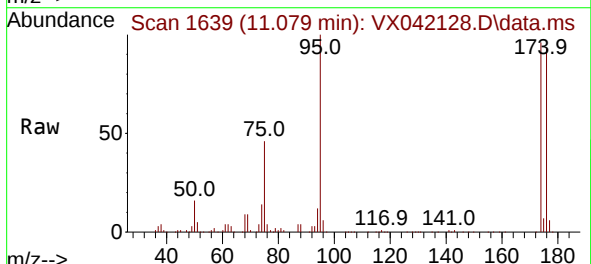
Tgt Ion:107 Resp: 93115
Ion Ratio Lower Upper
107 100
109 94.4 75.2 112.8

Manual Integrations
APPROVED

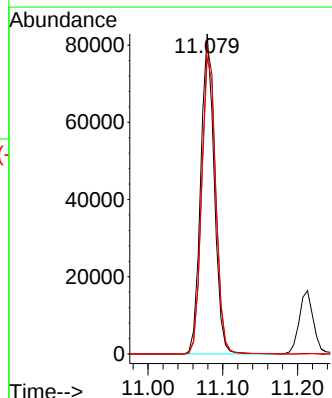
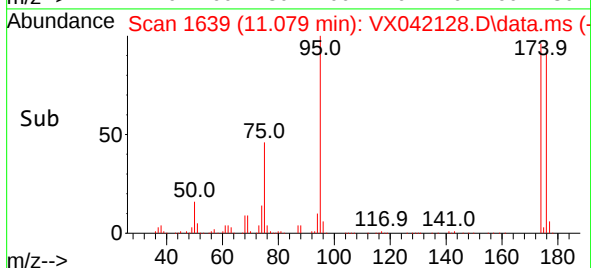
Reviewed By :John Carlone 07/03/2024
Supervised By :Semsettin Yesilyurt 07/03/2024

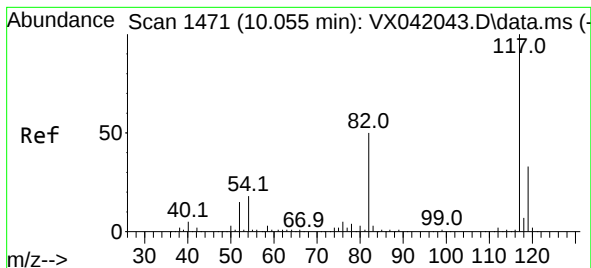


#62
4-Bromofluorobenzene
Concen: 48.002 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX042128.D
Acq: 02 Jul 2024 10:39



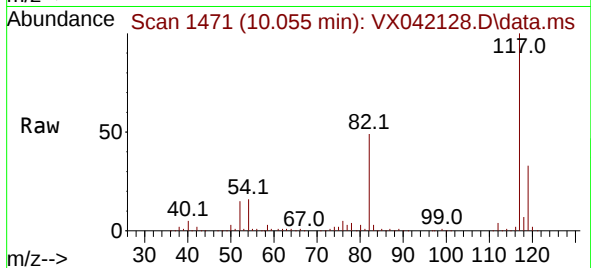
Tgt Ion: 95 Resp: 103929
Ion Ratio Lower Upper
95 100
174 99.4 0.0 135.6
176 96.9 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042128.D
Acq: 02 Jul 2024 10:39

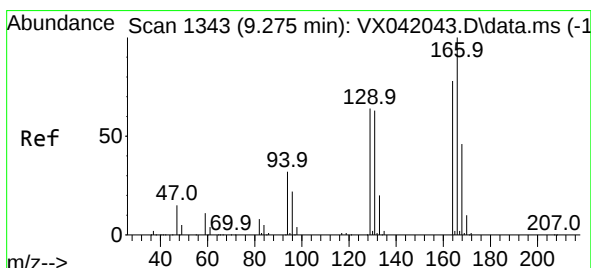
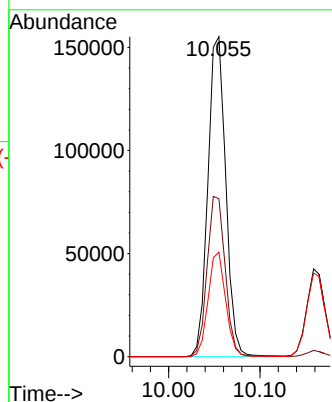
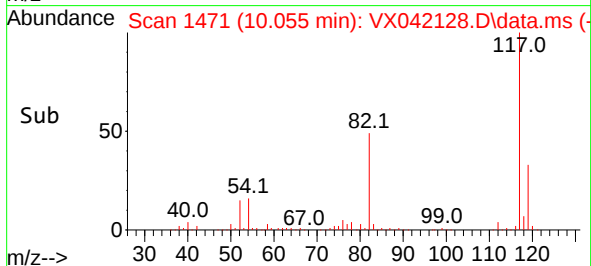
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 21132
Ion Ratio Lower Upper
117 100
82 49.3 46.2 69.4
119 32.6 25.5 38.3

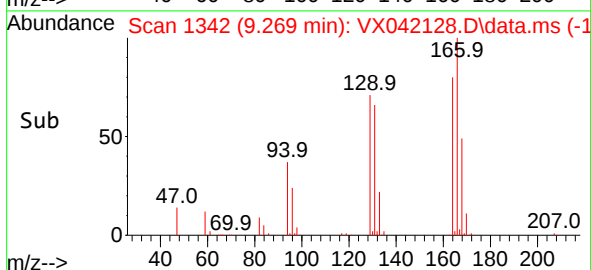
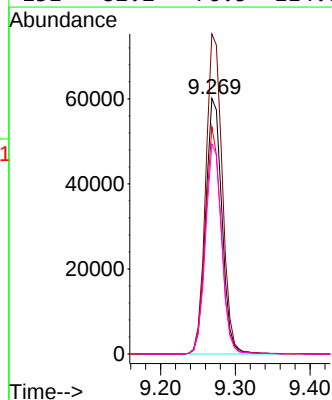
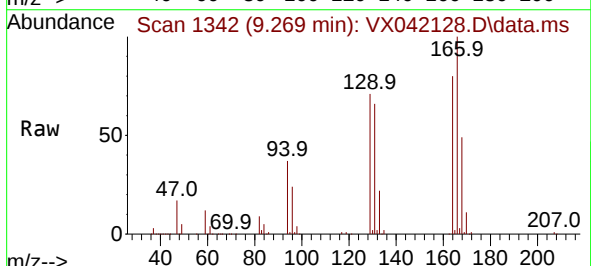
Manual Integrations
APPROVED

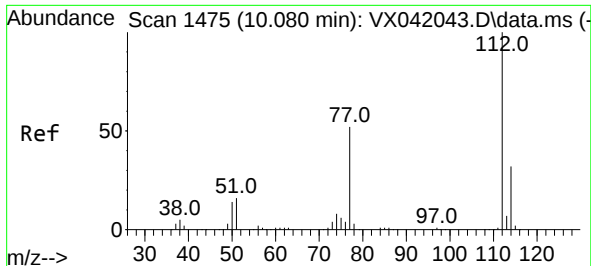
Reviewed By :John Carlone 07/03/2024
Supervised By :Semsettin Yesilyurt 07/03/2024



#64
Tetrachloroethene
Concen: 58.874 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX042128.D
Acq: 02 Jul 2024 10:39

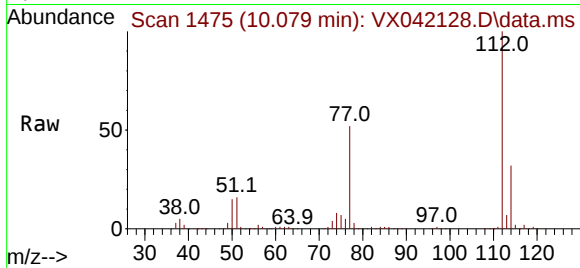
Tgt Ion:164 Resp: 90584
Ion Ratio Lower Upper
164 100
166 125.2 102.7 154.1
129 88.9 80.4 120.6
131 82.2 76.5 114.7





#65
Chlorobenzene
Concen: 56.331 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX042128.D
Acq: 02 Jul 2024 10:39

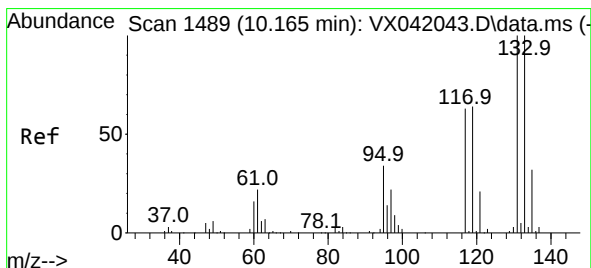
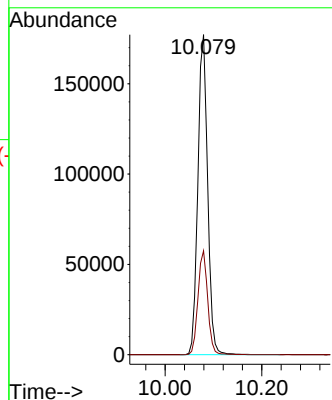
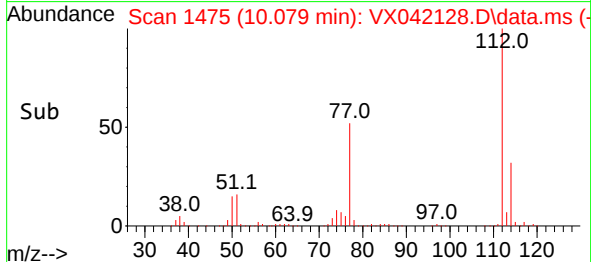
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 247572
Ion Ratio Lower Upper
112 100
114 32.4 25.7 38.5

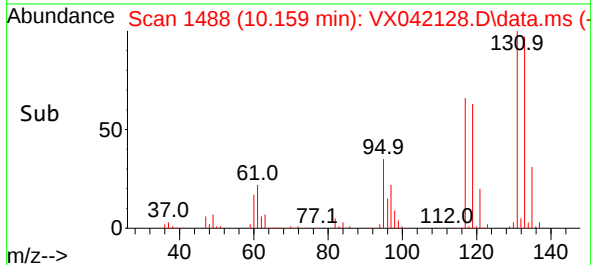
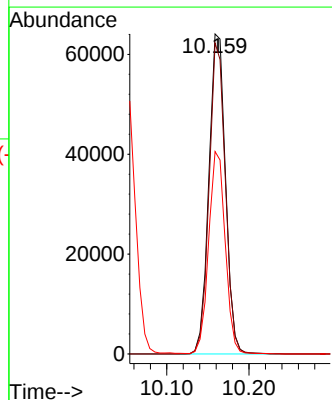
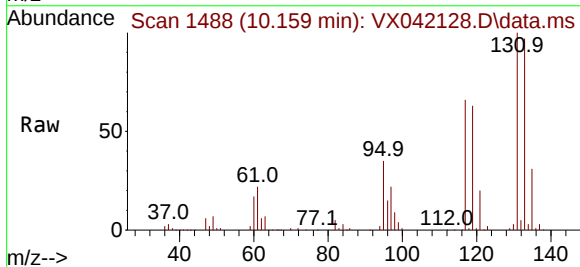
Manual Integrations
APPROVED

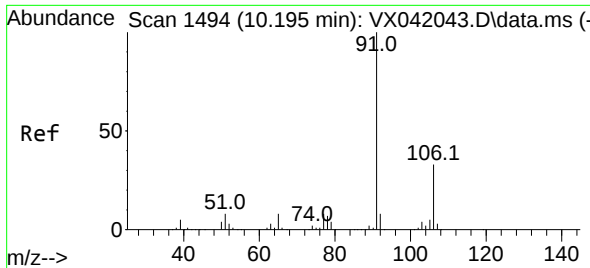
Reviewed By :John Carlone 07/03/2024
Supervised By :Semsettin Yesilyurt 07/03/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 58.622 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX042128.D
Acq: 02 Jul 2024 10:39

Tgt Ion:131 Resp: 90204
Ion Ratio Lower Upper
131 100
133 94.8 47.1 141.4
119 63.1 32.2 96.6





#67

Ethyl Benzene

Concen: 58.461 ug/l

RT: 10.189 min Scan# 1494

Delta R.T. -0.006 min

Lab File: VX042128.D

Acq: 02 Jul 2024 10:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 402658

Ion Ratio Lower Upper

91 100

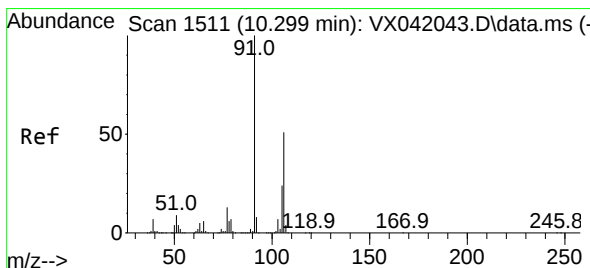
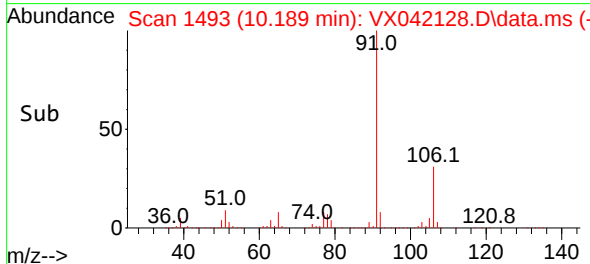
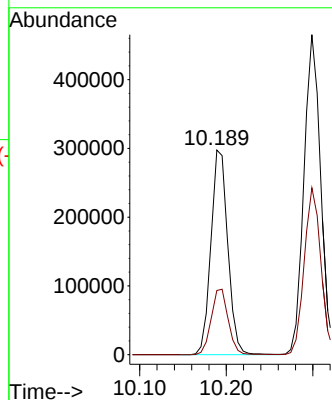
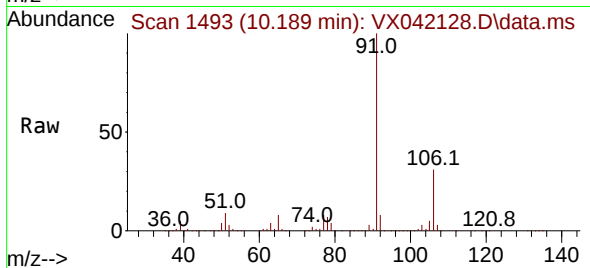
106 31.4 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carbone 07/03/2024

Supervised By :Semsettin Yesilyurt 07/03/2024



#68

m/p-Xylenes

Concen: 116.992 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX042128.D

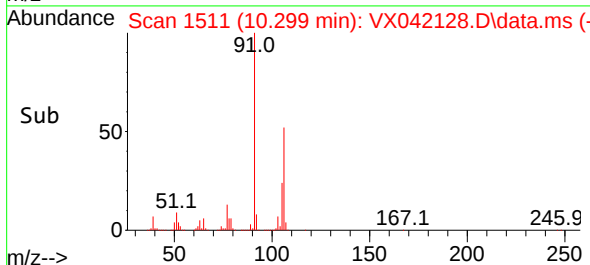
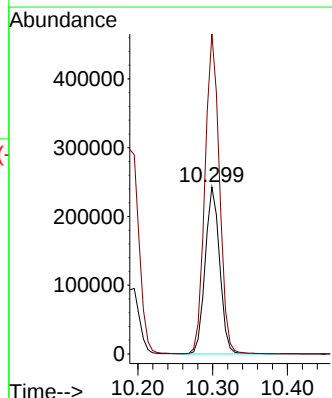
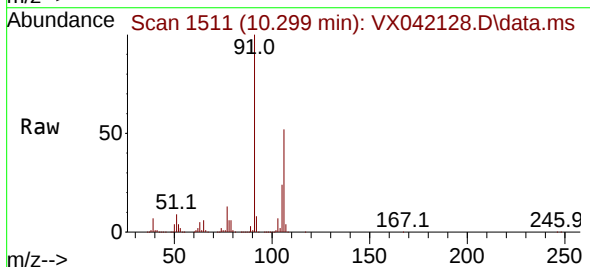
Acq: 02 Jul 2024 10:39

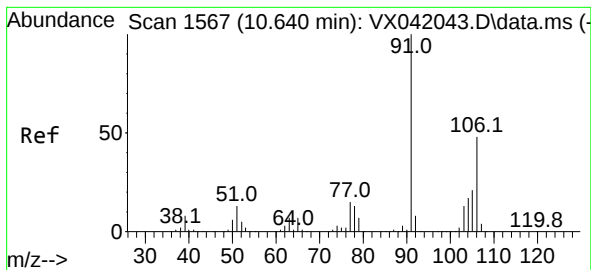
Tgt Ion:106 Resp: 325279

Ion Ratio Lower Upper

106 100

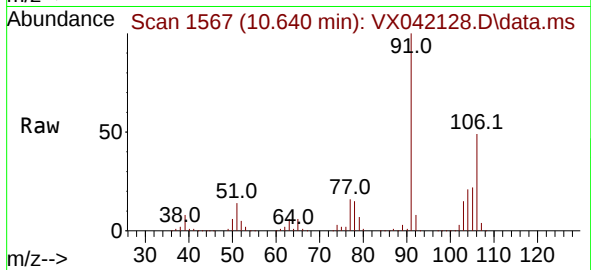
91 192.2 165.5 248.3





#69
o-Xylene
Concen: 57.730 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX042128.D
Acq: 02 Jul 2024 10:39

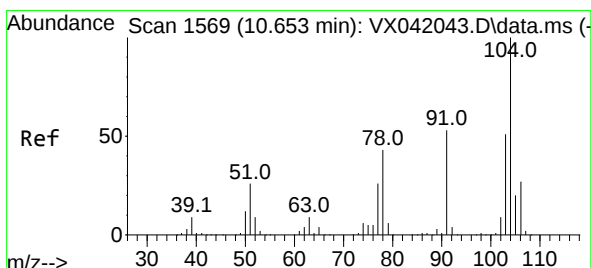
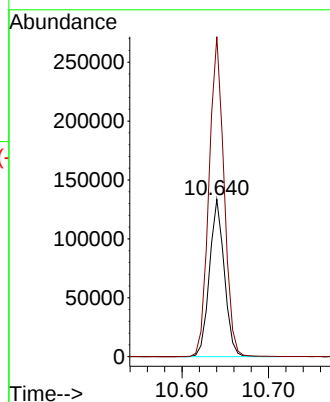
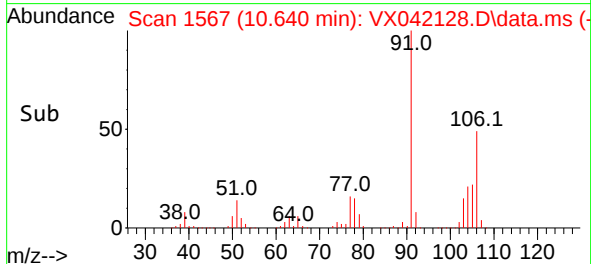
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 158910
Ion Ratio Lower Upper
106 100
91 206.3 108.9 326.8

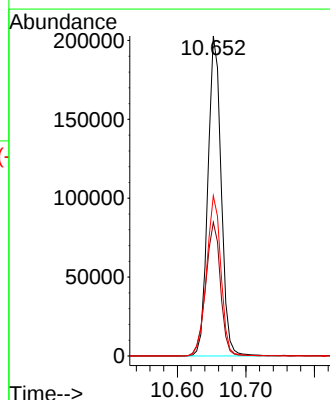
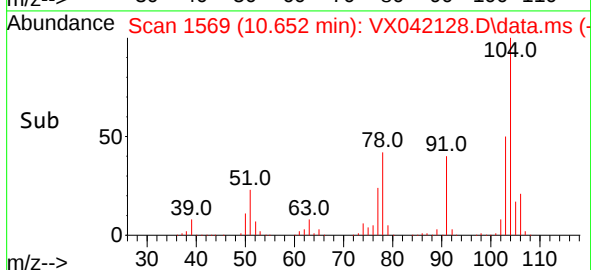
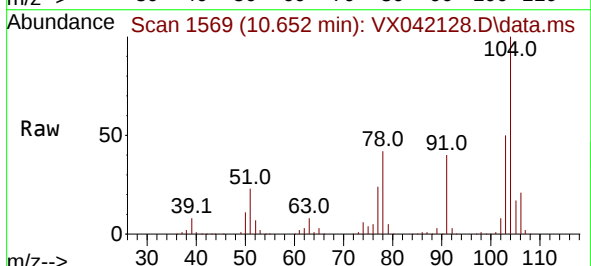
Manual Integrations
APPROVED

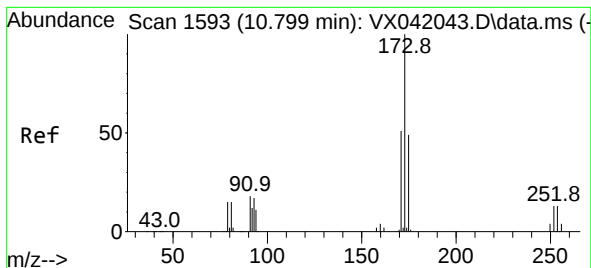
Reviewed By :John Carlone 07/03/2024
Supervised By :Semsettin Yesilyurt 07/03/2024



#70
Styrene
Concen: 59.521 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX042128.D
Acq: 02 Jul 2024 10:39

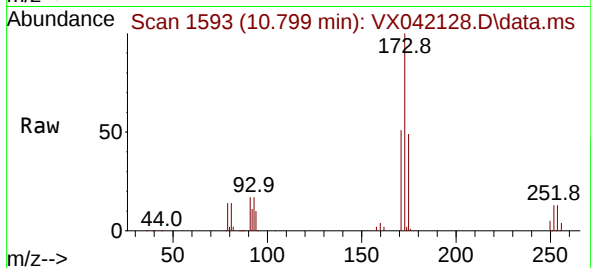
Tgt Ion:104 Resp: 274744
Ion Ratio Lower Upper
104 100
78 46.3 43.6 65.4
103 54.0 43.6 65.4





#71
Bromoform
Concen: 55.475 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX042128.D
Acq: 02 Jul 2024 10:39

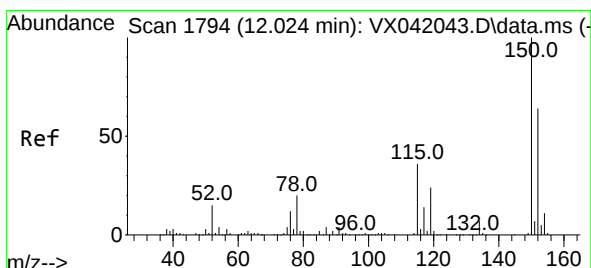
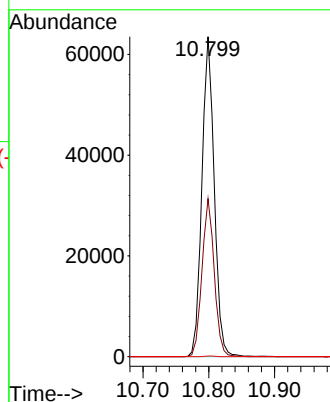
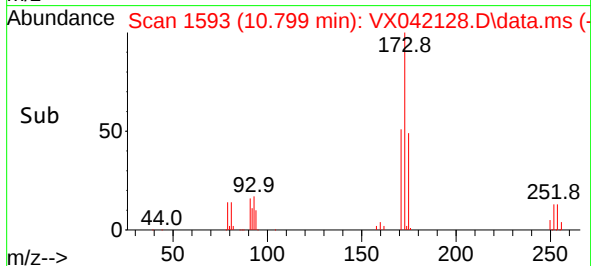
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



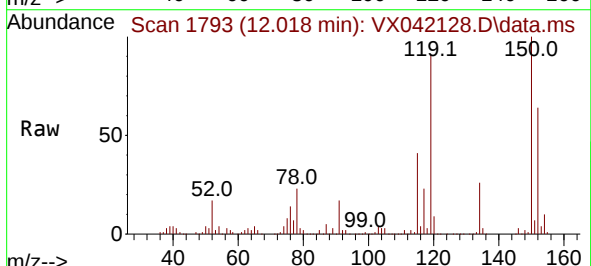
Tgt Ion:173 Resp: 82898
Ion Ratio Lower Upper
173 100
175 49.2 24.1 72.4
254 0.2 0.0 0.0

Manual Integrations
APPROVED

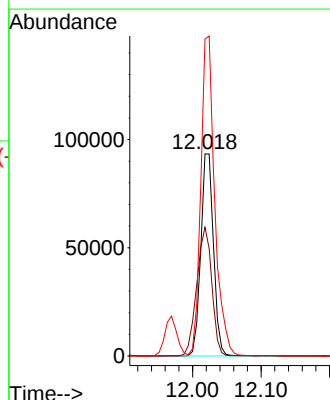
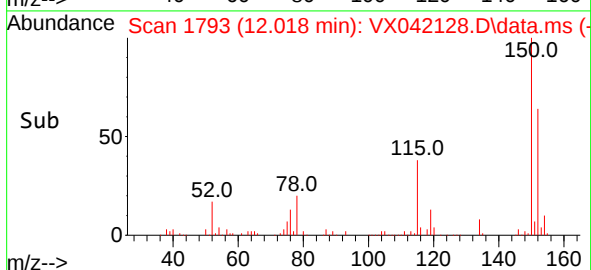
Reviewed By :John Carlone 07/03/2024
Supervised By :Semsettin Yesilyurt 07/03/2024

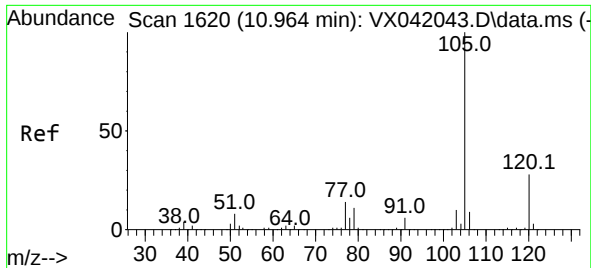


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX042128.D
Acq: 02 Jul 2024 10:39



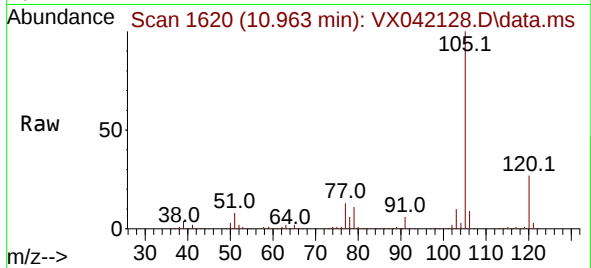
Tgt Ion:152 Resp: 120276
Ion Ratio Lower Upper
152 100
115 75.5 43.3 129.9
150 173.5 0.0 345.0





#73
Isopropylbenzene
Concen: 56.594 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX042128.D
Acq: 02 Jul 2024 10:39

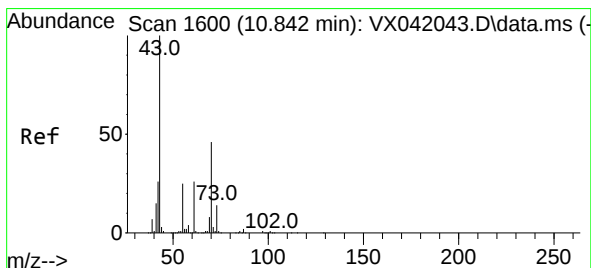
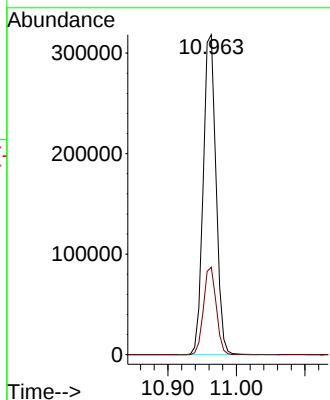
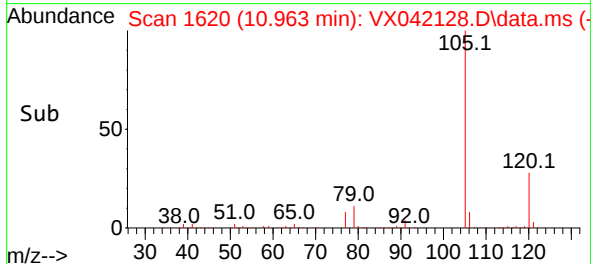
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 41388
Ion Ratio Lower Upper
105 100
120 27.2 12.9 38.6

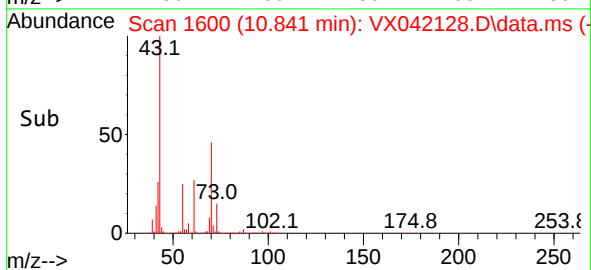
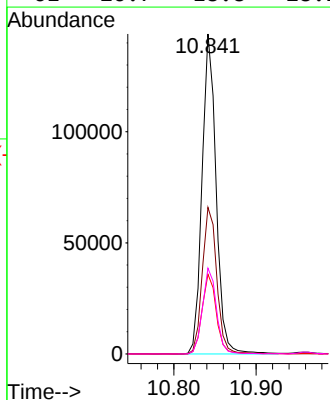
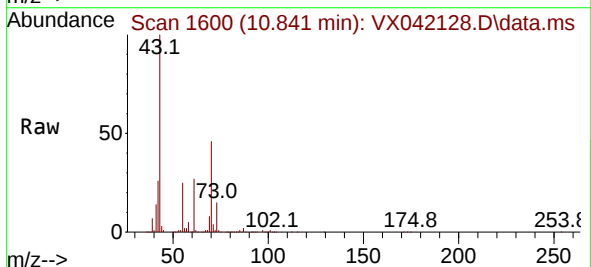
Manual Integrations
APPROVED

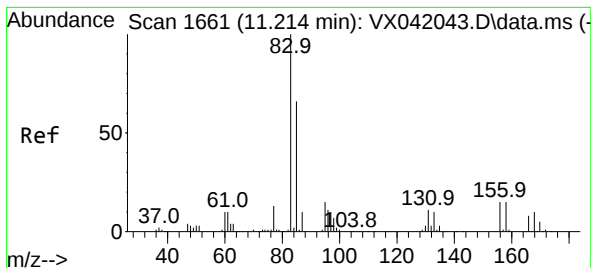
Reviewed By :John Carlone 07/03/2024
Supervised By :Semsettin Yesilyurt 07/03/2024



#74
N-ethyl acetate
Concen: 52.660 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX042128.D
Acq: 02 Jul 2024 10:39

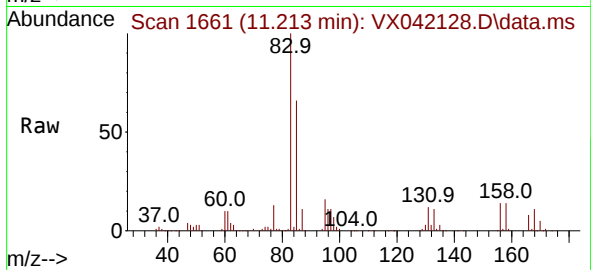
Tgt Ion: 43 Resp: 171066
Ion Ratio Lower Upper
43 100
70 47.6 32.9 49.3
55 25.3 19.3 28.9
61 26.7 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 50.711 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX042128.D
Acq: 02 Jul 2024 10:39

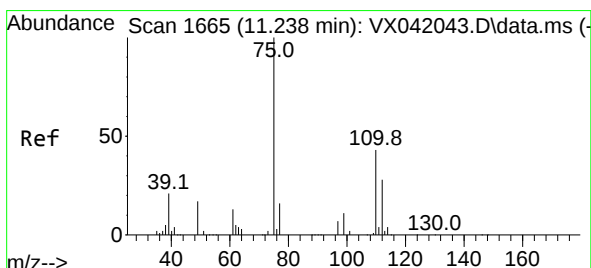
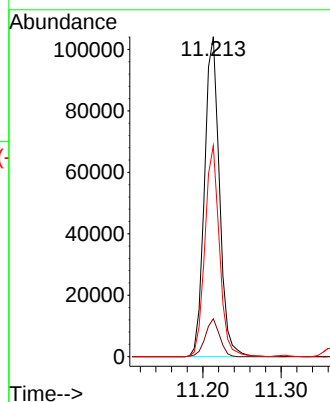
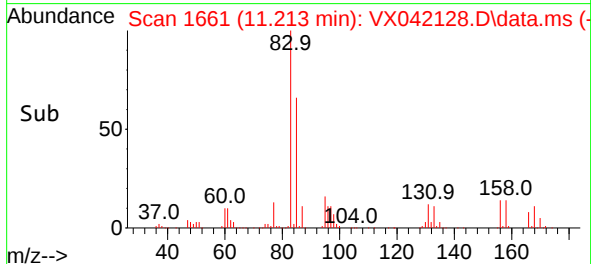
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



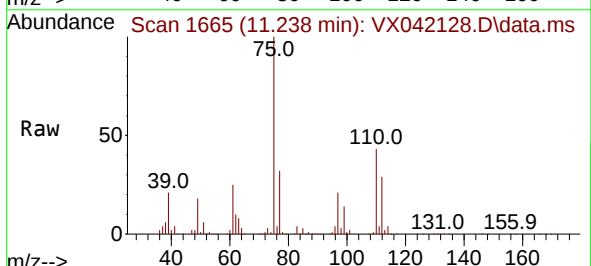
Tgt Ion: 83 Resp: 137890
Ion Ratio Lower Upper
83 100
131 11.4 5.3 15.8
85 64.4 32.0 96.2

Manual Integrations
APPROVED

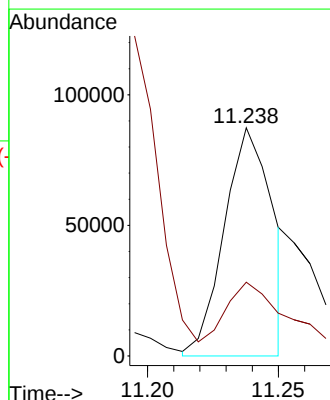
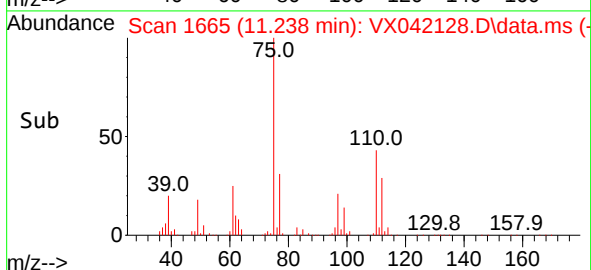
Reviewed By :John Carlone 07/03/2024
Supervised By :Semsettin Yesilyurt 07/03/2024

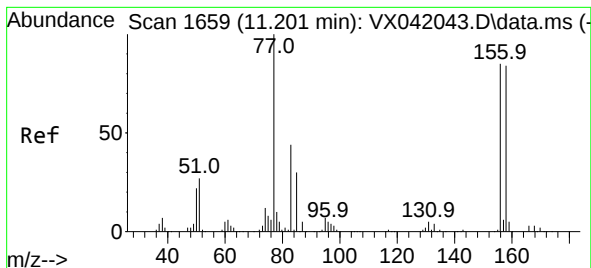


#76
1,2,3-Trichloropropane
Concen: 51.289 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX042128.D
Acq: 02 Jul 2024 10:39



Tgt Ion: 75 Resp: 111989
Ion Ratio Lower Upper
75 100
77 44.0 19.1 57.5





#77

Bromobenzene

Concen: 54.635 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.006 min

Lab File: VX042128.D

Acq: 02 Jul 2024 10:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

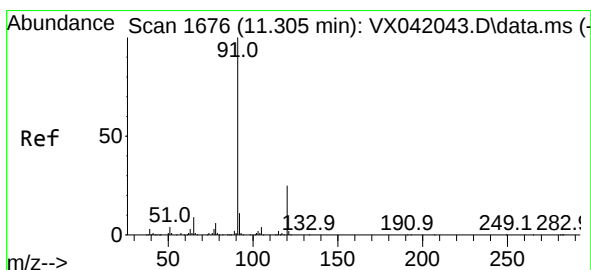
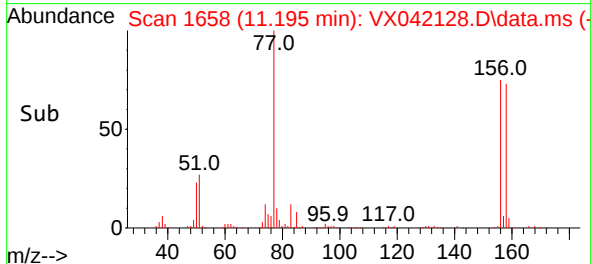
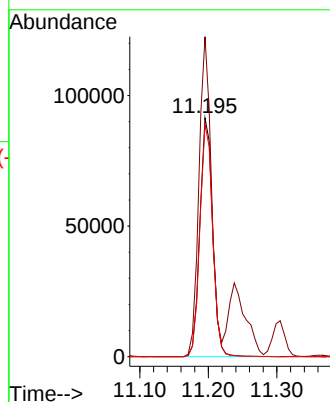
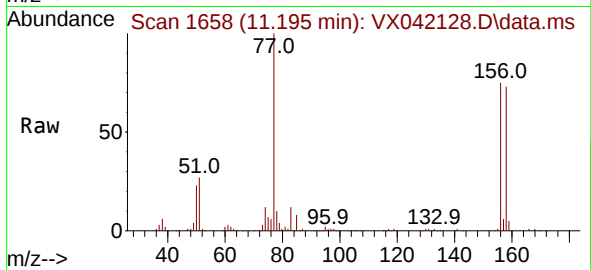
Tgt Ion:	156	Resp:	119000
Ion Ratio	Lower	Upper	
156	100		
77	129.2	88.4	265.3
158	97.2	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/03/2024

Supervised By :Semsettin Yesilyurt 07/03/2024



#78

n-propylbenzene

Concen: 57.541 ug/l

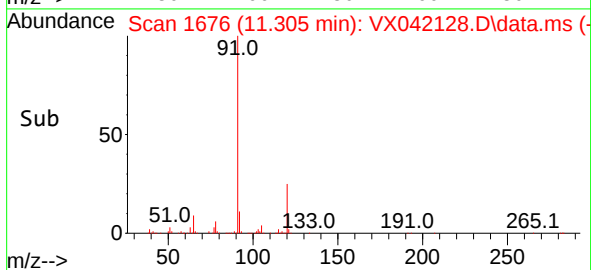
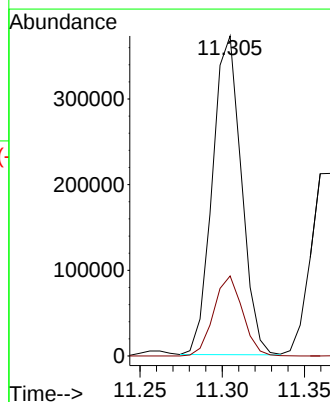
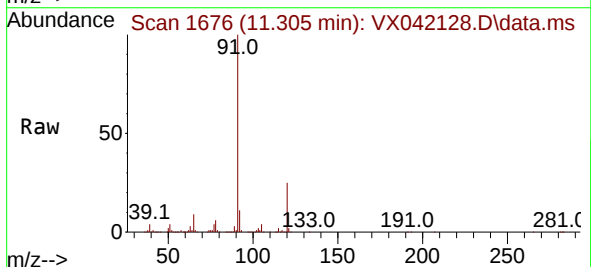
RT: 11.305 min Scan# 1676

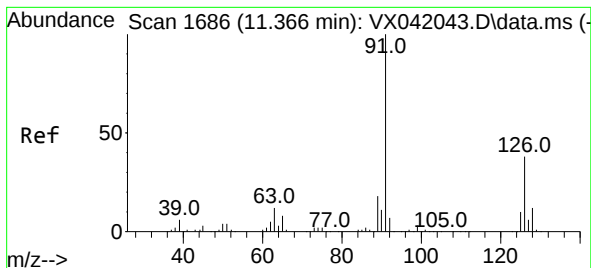
Delta R.T. -0.000 min

Lab File: VX042128.D

Acq: 02 Jul 2024 10:39

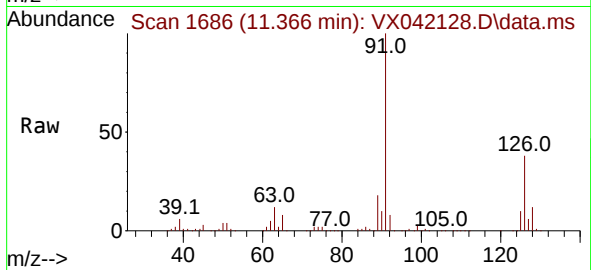
Tgt Ion:	91	Resp:	456592
Ion Ratio	Lower	Upper	
91	100		
120	25.0	11.5	34.4





#79
2-Chlorotoluene
Concen: 54.187 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX042128.D
Acq: 02 Jul 2024 10:39

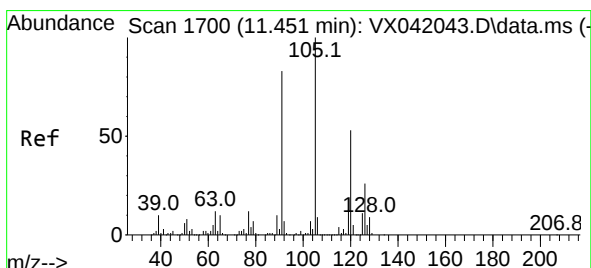
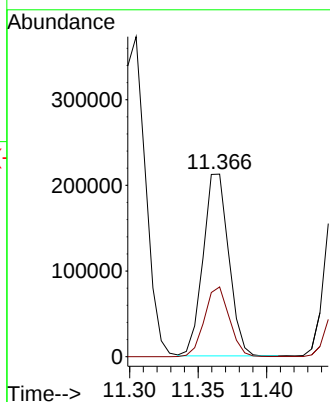
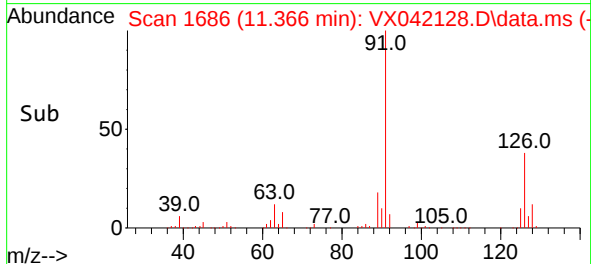
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



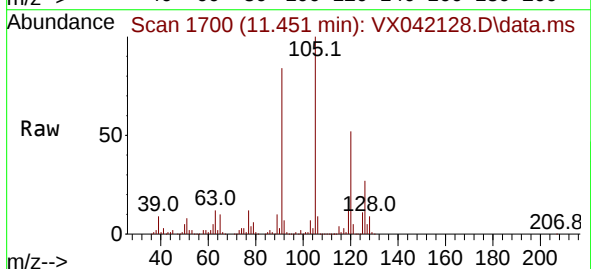
Tgt Ion: 91 Resp: 277029
Ion Ratio Lower Upper
91 100
126 37.3 16.3 48.8

Manual Integrations
APPROVED

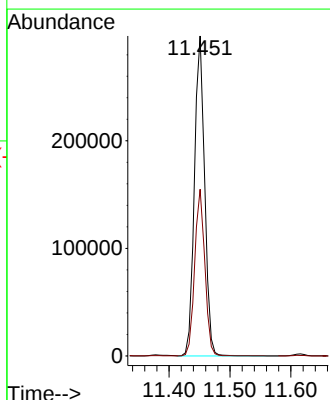
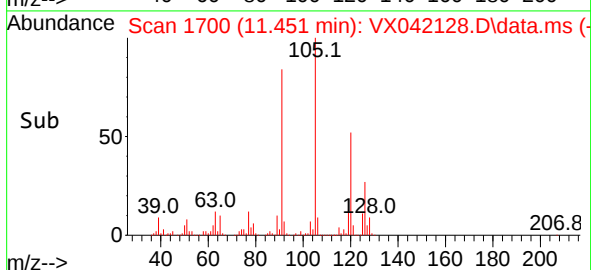
Reviewed By :John Carlone 07/03/2024
Supervised By :Semsettin Yesilyurt 07/03/2024

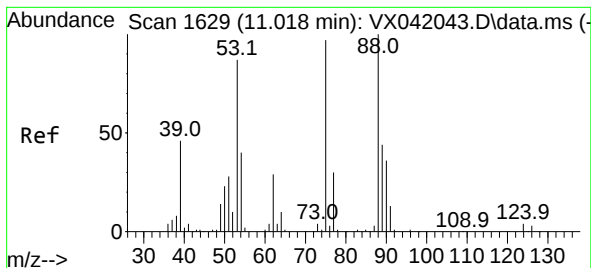


#80
1,3,5-Trimethylbenzene
Concen: 56.827 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX042128.D
Acq: 02 Jul 2024 10:39



Tgt Ion:105 Resp: 346158
Ion Ratio Lower Upper
105 100
120 51.6 24.1 72.3





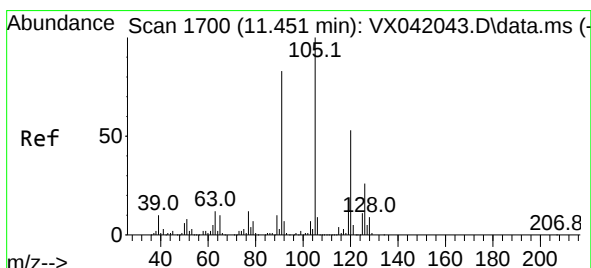
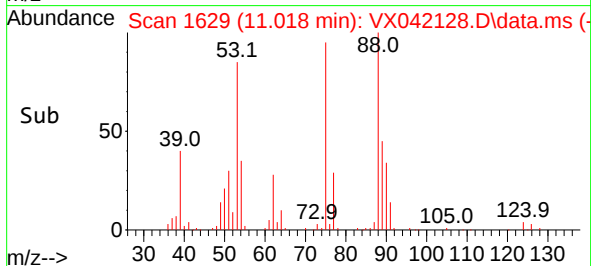
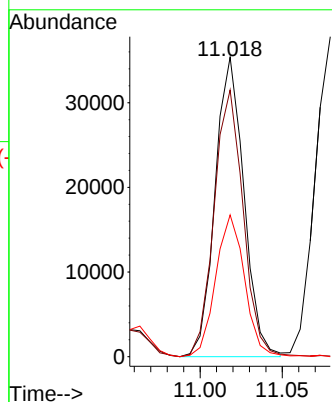
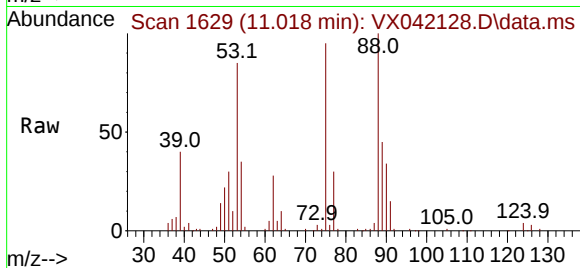
#81
trans-1,4-Dichloro-2-butene
Concen: 55.948 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX042128.D
Acq: 02 Jul 2024 10:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 43010
Ion Ratio Lower Upper
75 100
53 90.4 90.5 135.7
89 47.6 36.9 55.3

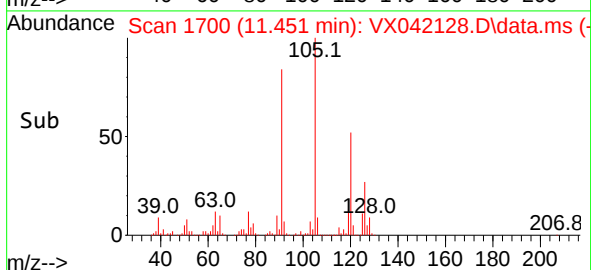
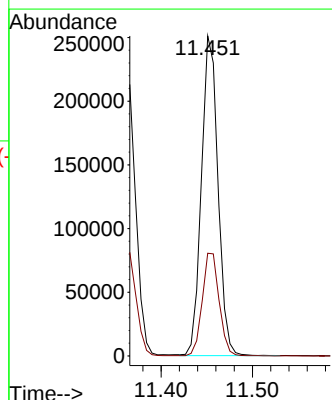
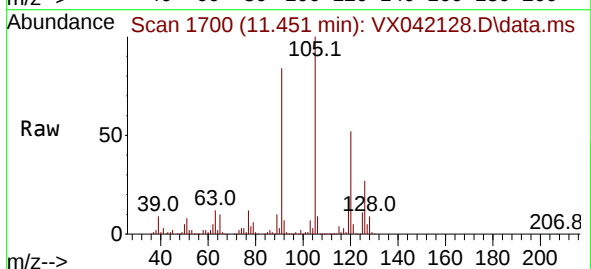
Manual Integrations
APPROVED

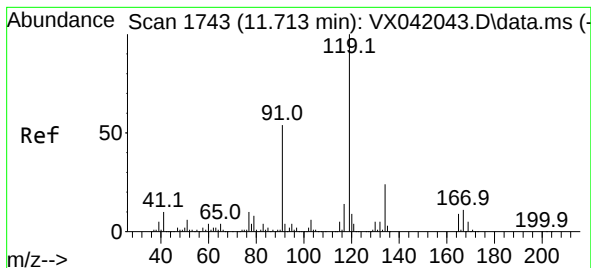
Reviewed By :John Carlone 07/03/2024
Supervised By :Semsettin Yesilyurt 07/03/2024



#82
4-Chlorotoluene
Concen: 56.075 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX042128.D
Acq: 02 Jul 2024 10:39

Tgt Ion: 91 Resp: 316914
Ion Ratio Lower Upper
91 100
126 32.8 14.2 42.6





#83

tert-Butylbenzene

Concen: 54.903 ug/l

RT: 11.713 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX042128.D

Acq: 02 Jul 2024 10:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

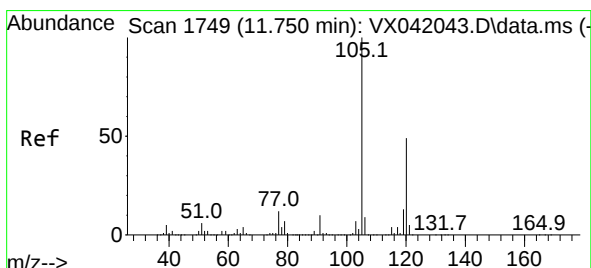
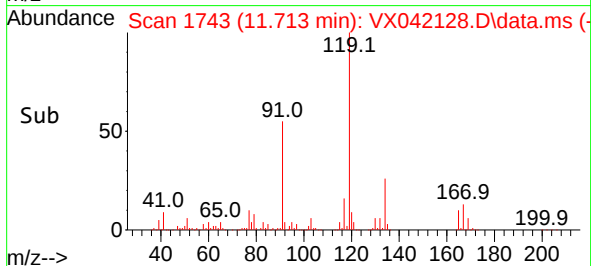
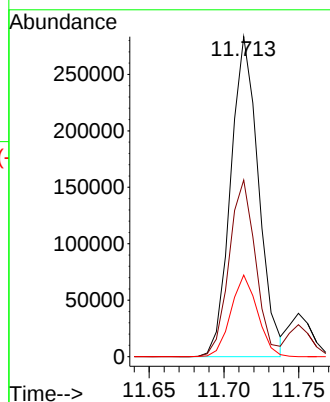
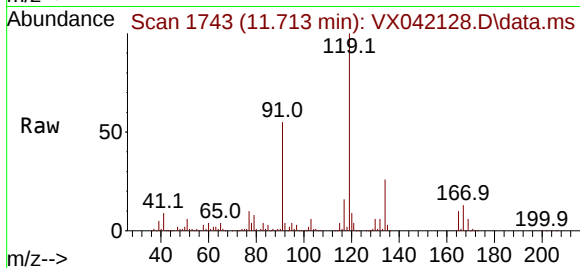
Tgt Ion:	119	Resp:	36696
Ion Ratio	Lower	Upper	
119	100		
91	52.9	31.2	93.6
134	24.4	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/03/2024

Supervised By :Semsettin Yesilyurt 07/03/2024



#84

1,2,4-Trimethylbenzene

Concen: 57.446 ug/l

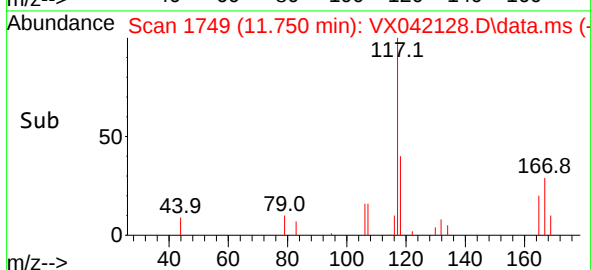
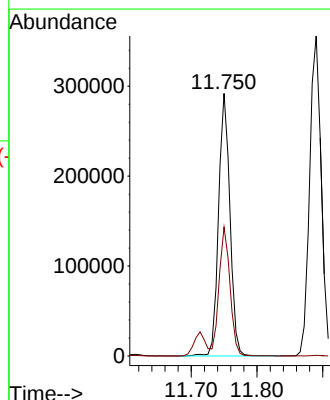
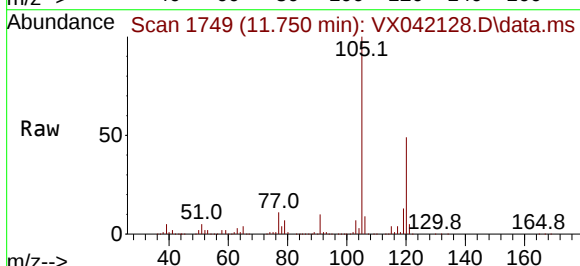
RT: 11.750 min Scan# 1749

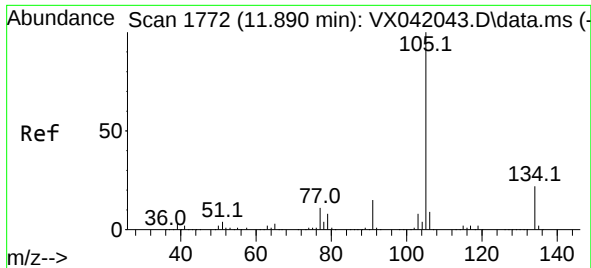
Delta R.T. 0.000 min

Lab File: VX042128.D

Acq: 02 Jul 2024 10:39

Tgt Ion:	105	Resp:	351071
Ion Ratio	Lower	Upper	
105	100		
120	47.0	21.2	63.6





#85
 sec-Butylbenzene
 Concen: 57.747 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX042128.D
 Acq: 02 Jul 2024 10:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

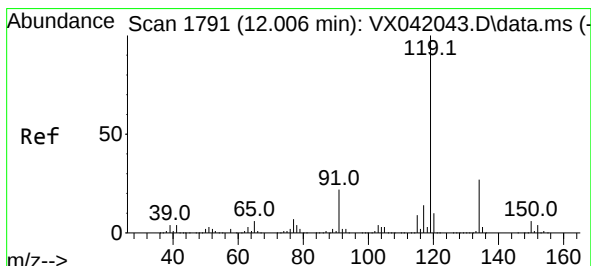
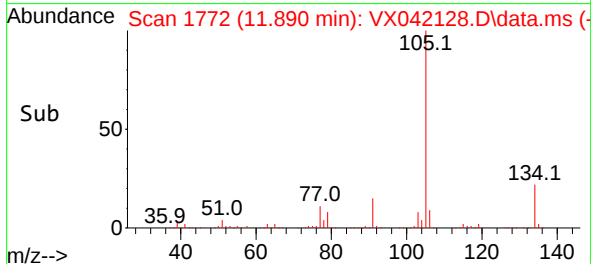
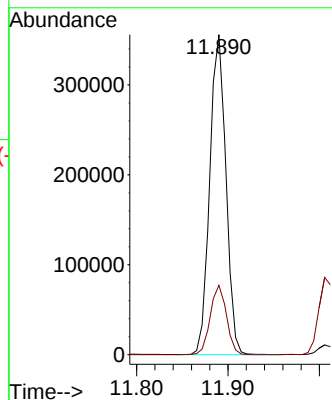
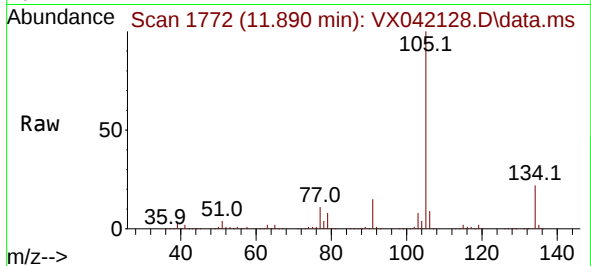
Tgt Ion:105 Resp: 436560
 Ion Ratio Lower Upper
 105 100
 134 21.7 9.8 29.4

Manual Integrations

APPROVED

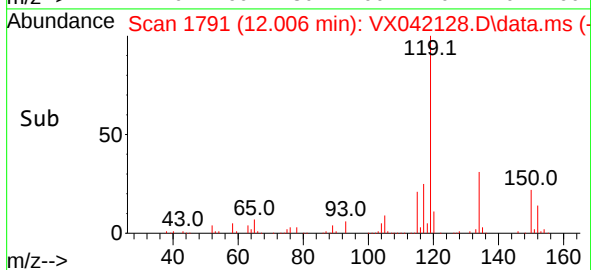
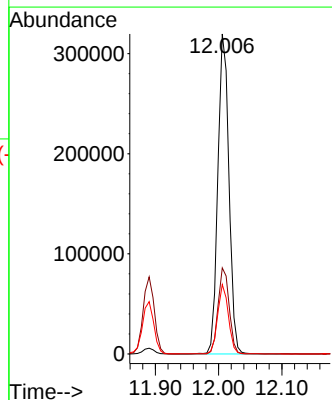
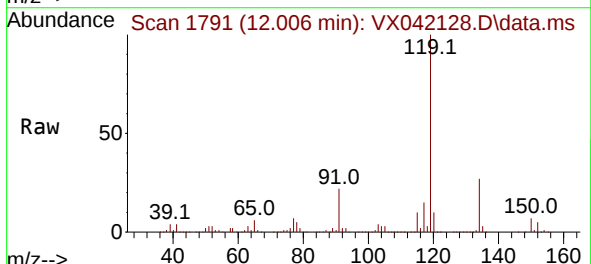
Reviewed By :John Carlone 07/03/2024

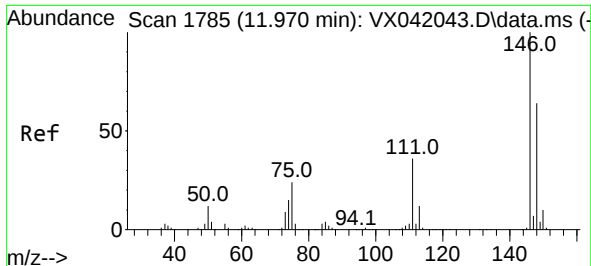
Supervised By :Semsettin Yesilyurt 07/03/2024



#86
 p-Isopropyltoluene
 Concen: 58.682 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX042128.D
 Acq: 02 Jul 2024 10:39

Tgt Ion:119 Resp: 387535
 Ion Ratio Lower Upper
 119 100
 134 27.1 12.8 38.3
 91 21.0 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 55.722 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX042128.D

Acq: 02 Jul 2024 10:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 213320

Ion Ratio Lower Upper

146 100

111 36.7 22.1 66.1

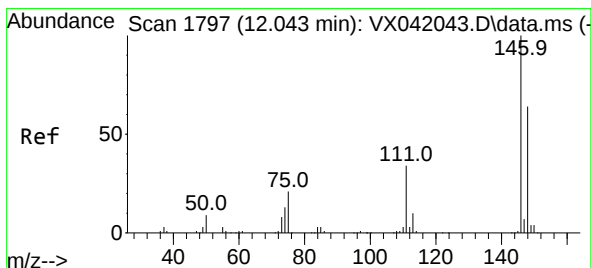
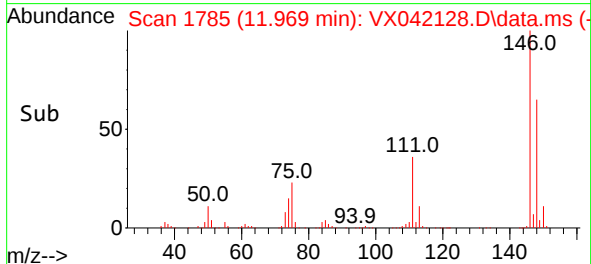
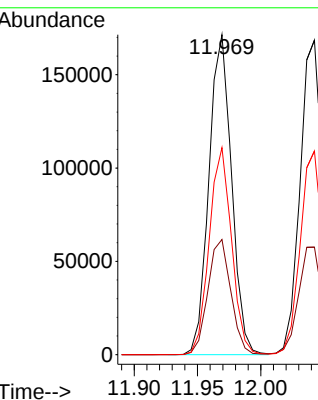
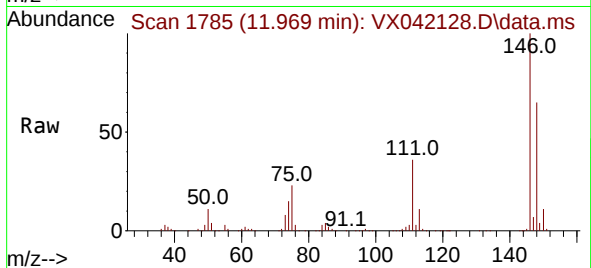
148 63.8 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/03/2024

Supervised By :Semsettin Yesilyurt 07/03/2024



#88

1,4-Dichlorobenzene

Concen: 54.480 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX042128.D

Acq: 02 Jul 2024 10:39

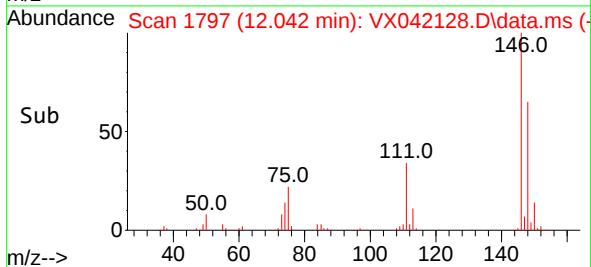
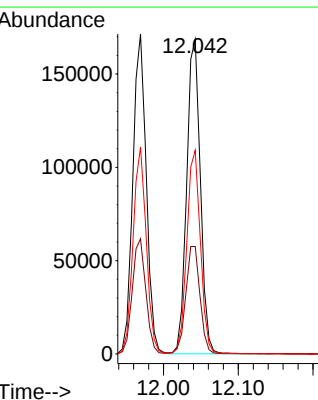
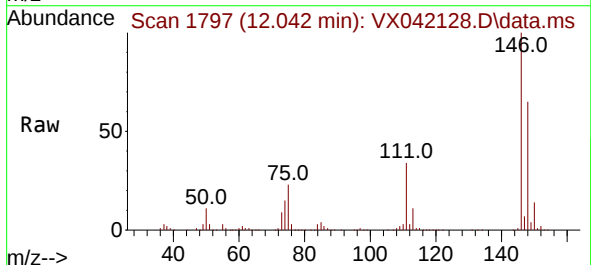
Tgt Ion:146 Resp: 214002

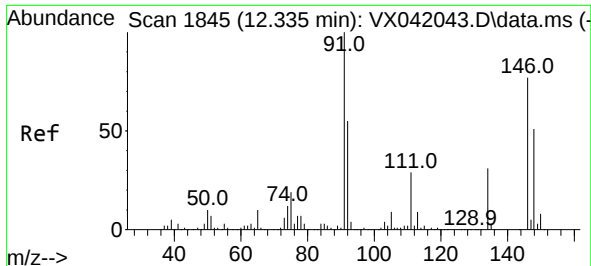
Ion Ratio Lower Upper

146 100

111 35.5 21.3 63.7

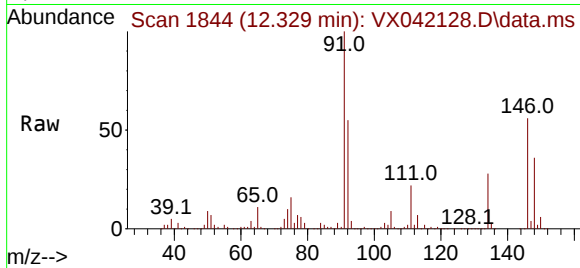
148 64.4 31.8 95.4





#89
n-Butylbenzene
Concen: 59.662 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX042128.D
Acq: 02 Jul 2024 10:39

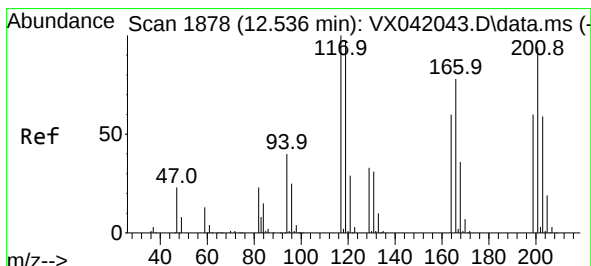
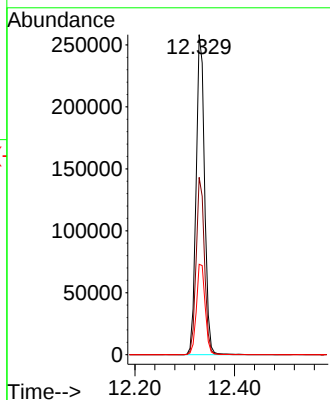
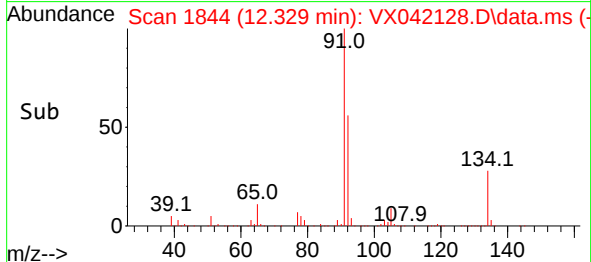
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 30329
Ion Ratio Lower Upper
91 100
92 54.8 27.4 82.0
134 29.3 12.6 37.8

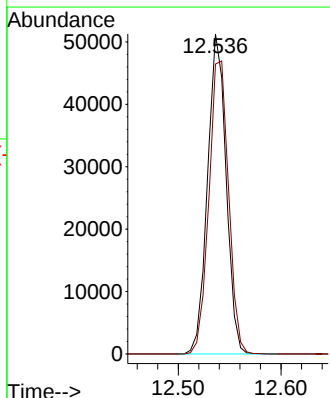
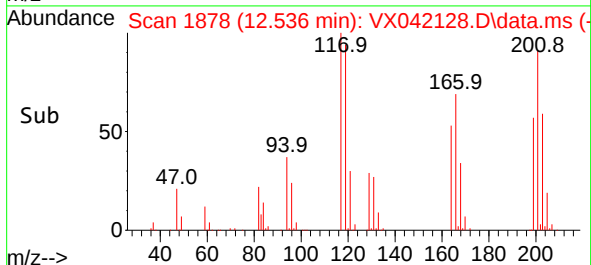
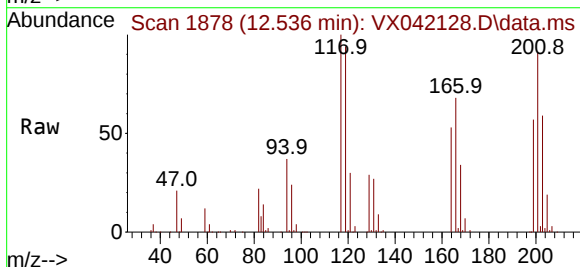
Manual Integrations
APPROVED

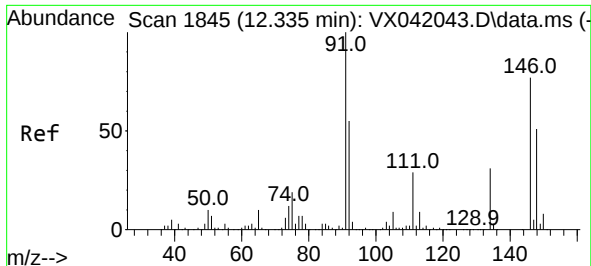
Reviewed By :John Carlone 07/03/2024
Supervised By :Semsettin Yesilyurt 07/03/2024



#90
Hexachloroethane
Concen: 57.121 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX042128.D
Acq: 02 Jul 2024 10:39

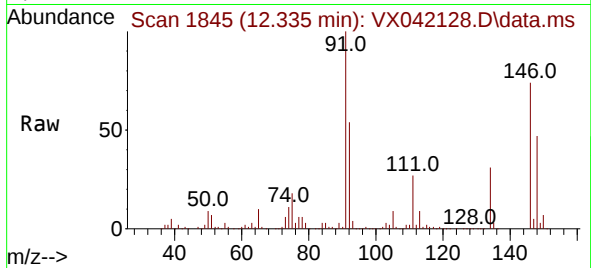
Tgt Ion:117 Resp: 64223
Ion Ratio Lower Upper
117 100
201 97.0 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 55.430 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX042128.D
Acq: 02 Jul 2024 10:39

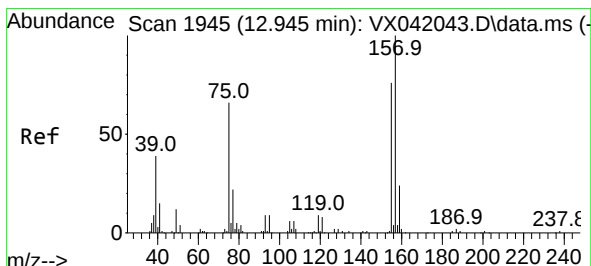
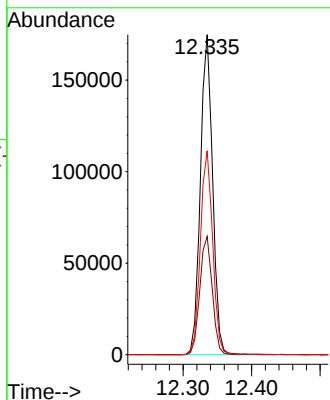
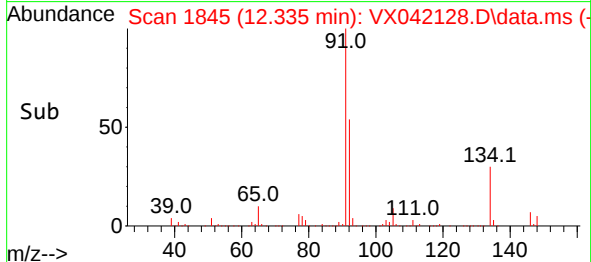
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



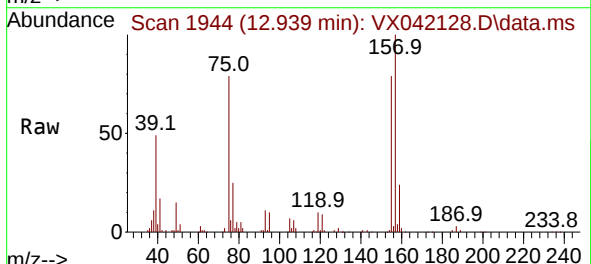
Tgt Ion:146 Resp: 217148
Ion Ratio Lower Upper
146 100
111 37.7 22.4 67.0
148 64.3 31.6 95.0

Manual Integrations
APPROVED

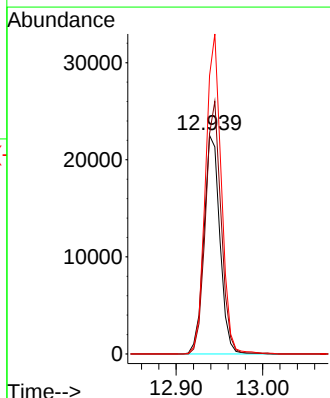
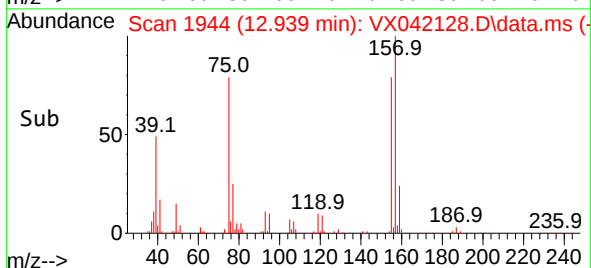
Reviewed By :John Carlone 07/03/2024
Supervised By :Semsettin Yesilyurt 07/03/2024

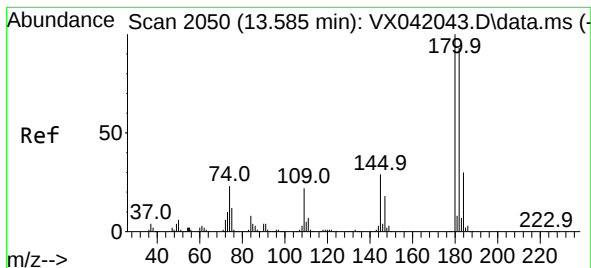


#92
1,2-Dibromo-3-Chloropropane
Concen: 53.847 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX042128.D
Acq: 02 Jul 2024 10:39



Tgt Ion: 75 Resp: 29017
Ion Ratio Lower Upper
75 100
155 111.5 36.1 108.5#
157 143.3 44.9 134.7#





#93

1,2,4-Trichlorobenzene

Concen: 58.968 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX042128.D

Acq: 02 Jul 2024 10:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 151329

Ion Ratio Lower Upper

180 100

182 95.5 48.3 144.8

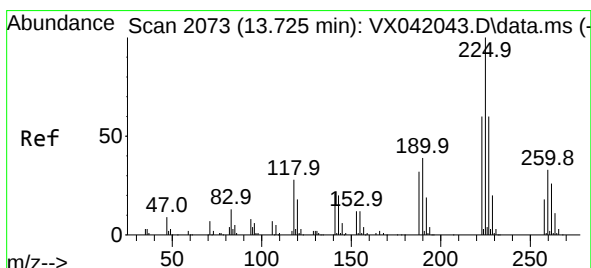
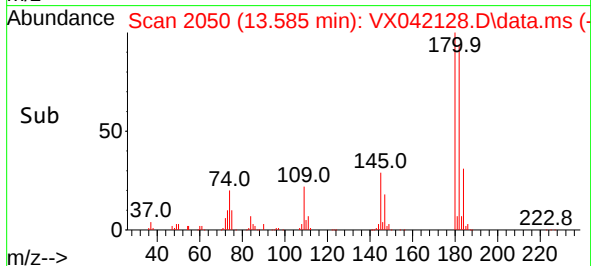
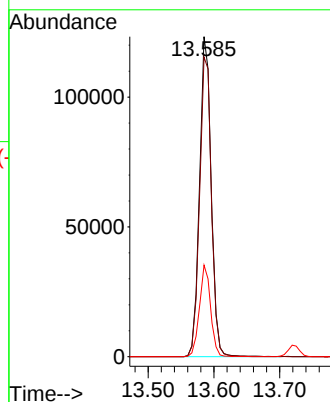
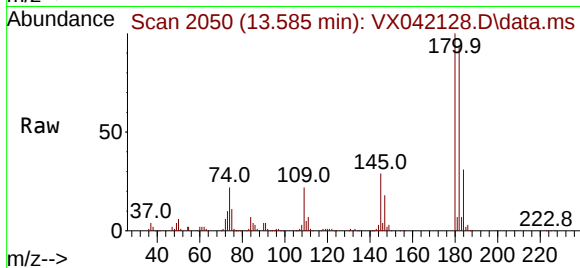
145 27.5 18.0 54.0

Manual Integrations

APPROVED

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Supervised By :Semsettin Yesilyurt 07/03/2024



#94

Hexachlorobutadiene

Concen: 57.776 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX042128.D

Acq: 02 Jul 2024 10:39

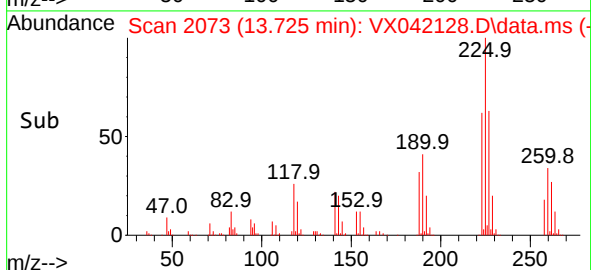
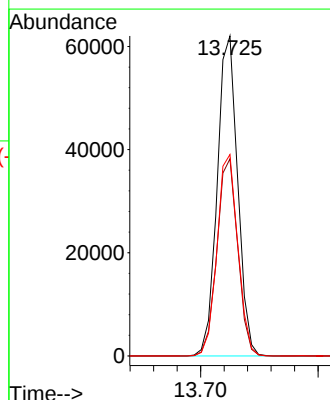
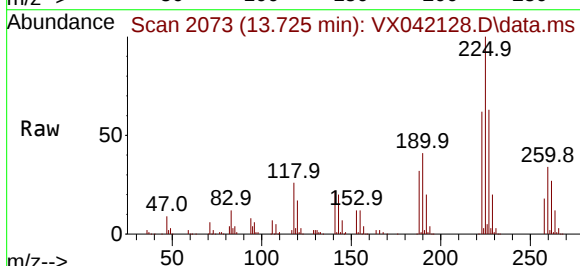
Tgt Ion:225 Resp: 74975

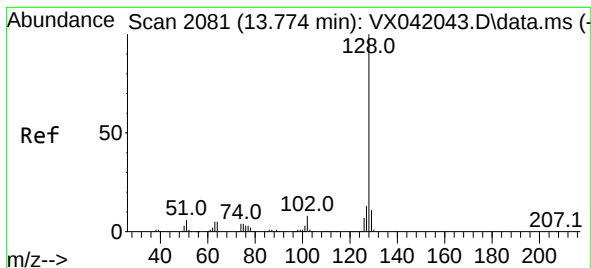
Ion Ratio Lower Upper

225 100

223 62.5 31.1 93.2

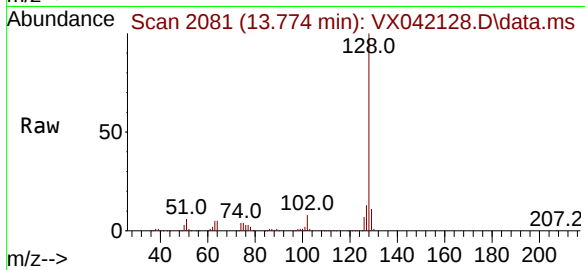
227 64.0 32.5 97.5





#95
Naphthalene
Concen: 52.797 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX042128.D
Acq: 02 Jul 2024 10:39

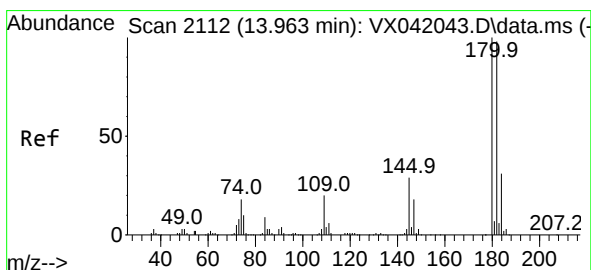
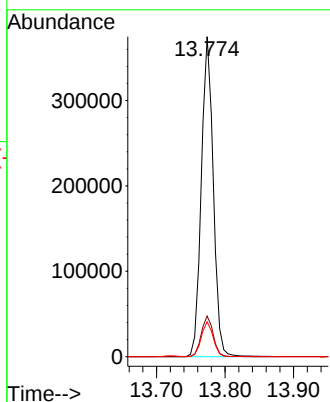
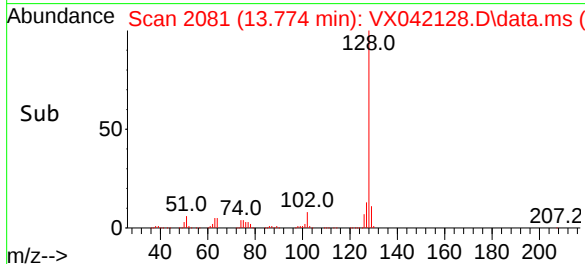
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



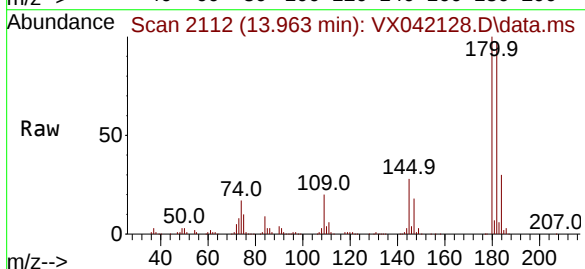
Tgt Ion:128 Resp: 455652
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.9 8.8 13.2

Manual Integrations
APPROVED

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Supervised By :Semsettin Yesilyurt 07/03/2024



#96
1,2,3-Trichlorobenzene
Concen: 57.399 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX042128.D
Acq: 02 Jul 2024 10:39



Tgt Ion:180 Resp: 155355
Ion Ratio Lower Upper
180 100
182 96.5 46.9 140.6
145 29.5 17.8 53.5

