

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022824\
 Data File : VX040525.D
 Acq On : 28 Feb 2024 20:38
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/29/2024
 Supervised By : Mahesh Dadoda 02/29/2024

Quant Time: Feb 29 03:55:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 05:01:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	84654	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	140593	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	135522	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	70130	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	69843	49.328	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.660%		
35) Dibromofluoromethane	5.385	113	49379	50.507	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.020%		
50) Toluene-d8	8.646	98	175812	49.541	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.080%		
62) 4-Bromofluorobenzene	11.079	95	71394	52.776	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.560%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	47513	45.100	ug/l	99
3) Chloromethane	1.294	50	46836	44.821	ug/l	100
4) Vinyl Chloride	1.373	62	51853	45.888	ug/l	98
5) Bromomethane	1.599	94	33630	53.555	ug/l	98
6) Chloroethane	1.684	64	32366	45.260	ug/l	97
7) Trichlorofluoromethane	1.886	101	89069	49.907	ug/l	100
8) Diethyl Ether	2.135	74	30275	48.532	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.324	101	44884	46.722	ug/l	97
10) Methyl Iodide	2.453	142	47129	47.473	ug/l	100
11) Tert butyl alcohol	2.965	59	62400	262.165	ug/l #	91
12) 1,1-Dichloroethene	2.318	96	42676	44.247	ug/l	96
13) Acrolein	2.233	56	50958	333.934	ug/l	99
14) Allyl chloride	2.666	41	78026	46.241	ug/l	94
15) Acrylonitrile	3.062	53	143894	241.010	ug/l	98
16) Acetone	2.379	43	135608	293.686	ug/l	99
17) Carbon Disulfide	2.513	76	108377	40.578	ug/l	99
18) Methyl Acetate	2.702	43	74127	52.072	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	159636	48.524	ug/l	98
20) Methylene Chloride	2.788	84	50225	45.453	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	45696	44.426	ug/l	97
22) Diisopropyl ether	3.763	45	158062	46.615	ug/l	91
23) Vinyl Acetate	3.721	43	740081	238.267	ug/l	100
24) 1,1-Dichloroethane	3.611	63	91138	46.091	ug/l	98
25) 2-Butanone	4.556	43	211414	262.790	ug/l	94
26) 2,2-Dichloropropane	4.477	77	68535	43.532	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	54343	45.160	ug/l	99
28) Bromochloromethane	4.897	49	39769	48.080	ug/l	97
29) Tetrahydrofuran	5.001	42	138020	245.924	ug/l	97
30) Chloroform	5.098	83	100147	47.715	ug/l	97
31) Cyclohexane	5.470	56	70598	44.010	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	89216	49.803	ug/l	98
36) 1,1-Dichloropropene	5.696	75	69864	46.381	ug/l	99
37) Ethyl Acetate	4.714	43	82265	49.903	ug/l	98
38) Carbon Tetrachloride	5.678	117	73362	50.415	ug/l	97
39) Methylcyclohexane	7.378	83	75319	46.314	ug/l	98
40) Benzene	6.037	78	192046	47.091	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.915	41	45487	49.398	ug/l	94
42) 1,2-Dichloroethane	6.086	62	87055	51.576	ug/l	97
43) Isopropyl Acetate	6.342	43	127996	49.483	ug/l	97
44) Trichloroethene	7.128	130	50774	46.294	ug/l	99
45) 1,2-Dichloropropane	7.433	63	52791	48.368	ug/l	100
46) Dibromomethane	7.580	93	39216	48.872	ug/l	98
47) Bromodichloromethane	7.817	83	77776	49.228	ug/l	99
48) Methyl methacrylate	7.689	41	67249	52.015	ug/l	93
49) 1,4-Dioxane	7.653	88	26810	1096.202	ug/l #	94
51) 4-Methyl-2-Pentanone	8.573	43	445844	260.694	ug/l	98
52) Toluene	8.720	92	123116	49.191	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	80123	49.971	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	83468	48.430	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	52850	50.883	ug/l	96
56) Ethyl methacrylate	9.116	69	82412	51.318	ug/l #	92
57) 1,3-Dichloropropane	9.311	76	88702	49.031	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	212847	252.780	ug/l	97
59) 2-Hexanone	9.427	43	355322	270.231	ug/l	97
60) Dibromochloromethane	9.518	129	57516	50.982	ug/l	100
61) 1,2-Dibromoethane	9.610	107	57051	50.336	ug/l	99
64) Tetrachloroethene	9.274	164	46509	48.883	ug/l	98
65) Chlorobenzene	10.079	112	133515	46.318	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	50450	49.662	ug/l	100
67) Ethyl Benzene	10.195	91	252181	47.792	ug/l	98
68) m/p-Xylenes	10.299	106	185152	93.966	ug/l	94
69) o-Xylene	10.640	106	89193	47.328	ug/l	91
70) Styrene	10.652	104	153940	49.000	ug/l	98
71) Bromoform	10.799	173	42004	50.512	ug/l #	100
73) Isopropylbenzene	10.963	105	248766	48.166	ug/l	100
74) N-amyl acetate	10.841	43	117875	49.141	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	88522	47.393	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	75516m	48.927	ug/l	
77) Bromobenzene	11.195	156	57365	46.974	ug/l	98
78) n-propylbenzene	11.305	91	299942	46.820	ug/l	98
79) 2-Chlorotoluene	11.366	91	179006	46.416	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	212841	48.456	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	23276	45.857	ug/l	100
82) 4-Chlorotoluene	11.457	91	213582	47.892	ug/l	98
83) tert-Butylbenzene	11.713	119	199638	48.209	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	212910	48.854	ug/l	99
85) sec-Butylbenzene	11.890	105	261412	48.051	ug/l	99
86) p-Isopropyltoluene	12.012	119	213870	47.693	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	112843	46.357	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	113548	45.822	ug/l	100
89) n-Butylbenzene	12.335	91	206987	46.917	ug/l	97
90) Hexachloroethane	12.536	117	36519	48.931	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	110154	47.487	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	23022	52.870	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	73436	48.508	ug/l	97
94) Hexachlorobutadiene	13.725	225	28488	46.044	ug/l	98
95) Naphthalene	13.774	128	239250	49.454	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	71680	49.810	ug/l	98

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VSTDCCC050EC

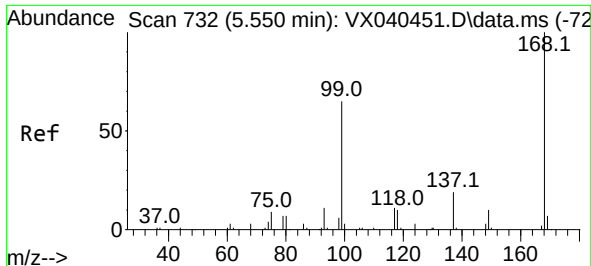
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Tue Feb 27 05:01:33 2024
Response via : Initial Calibration

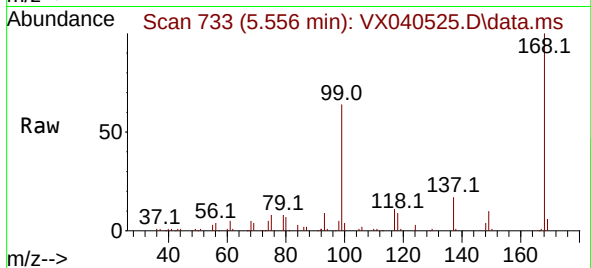
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
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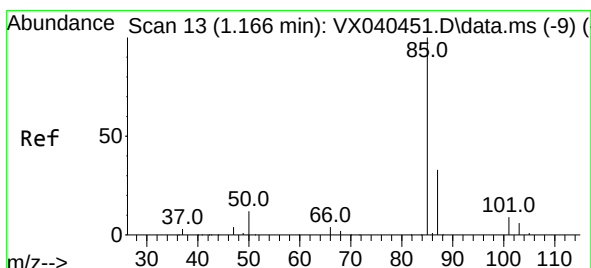
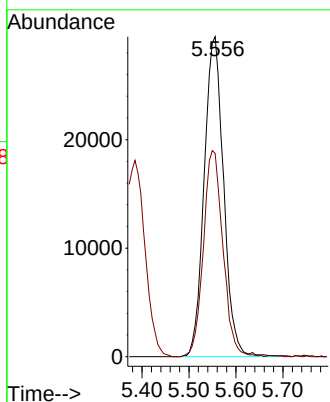
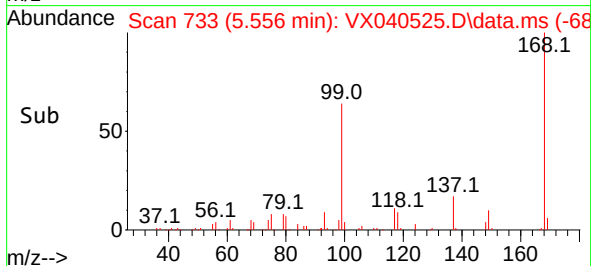
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 84654
Ion Ratio Lower Upper
168 100
99 63.6 56.6 85.0

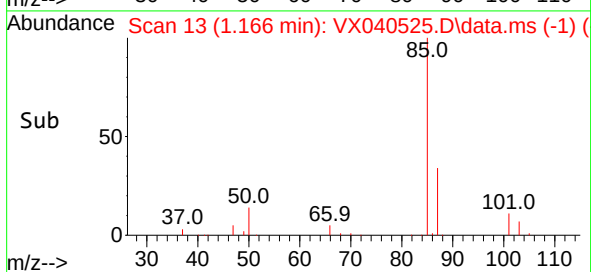
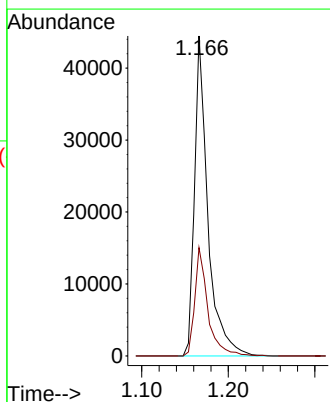
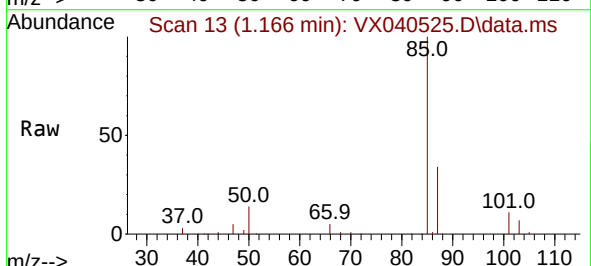
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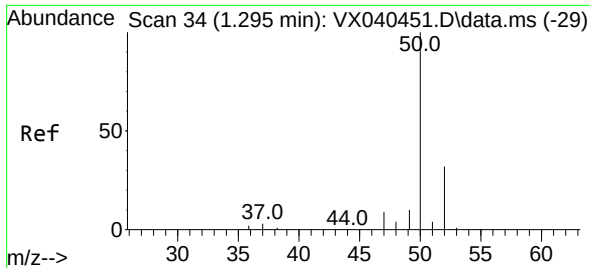
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#2
Dichlorodifluoromethane
Concen: 45.100 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX040525.D
Acq: 28 Feb 2024 20:38

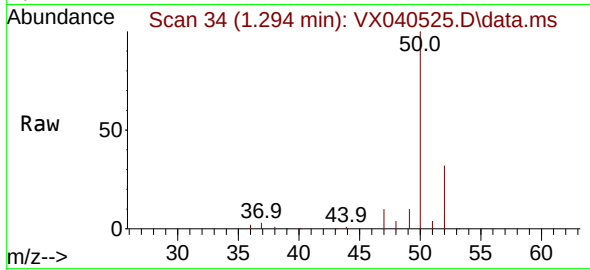
Tgt Ion: 85 Resp: 47513
Ion Ratio Lower Upper
85 100
87 33.9 16.7 50.1





#3
Chloromethane
Concen: 44.821 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX040525.D
Acq: 28 Feb 2024 20:38

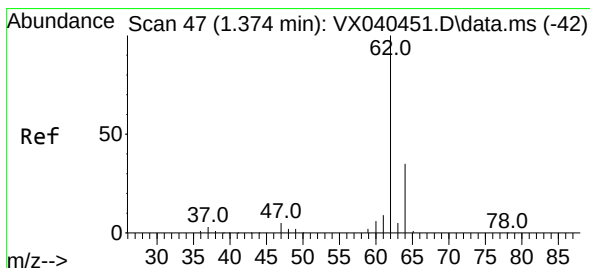
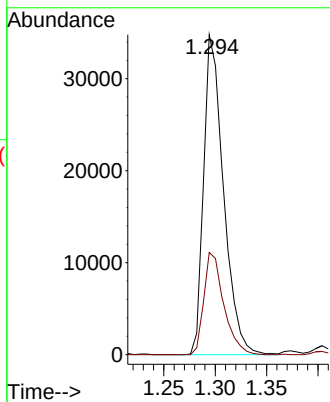
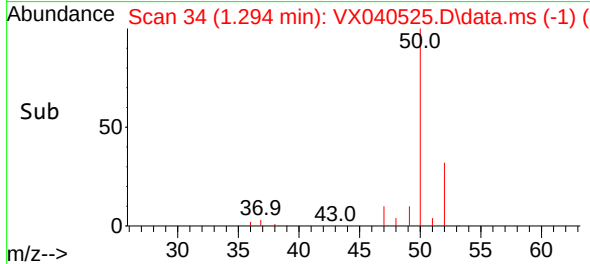
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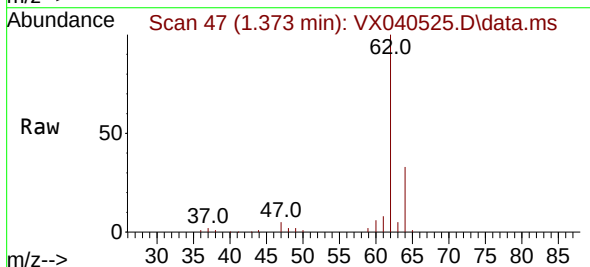
Tgt Ion: 50 Resp: 46830
Ion Ratio Lower Upper
50 100
52 31.9 25.5 38.3

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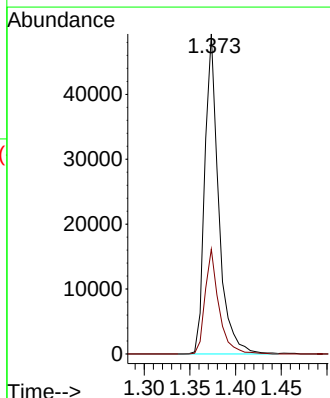
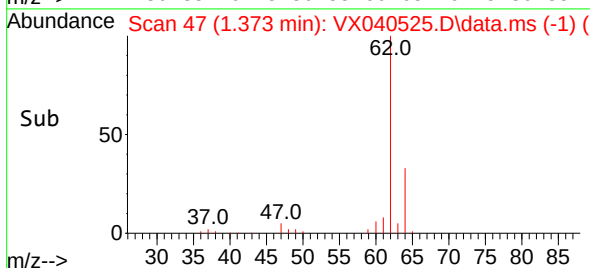
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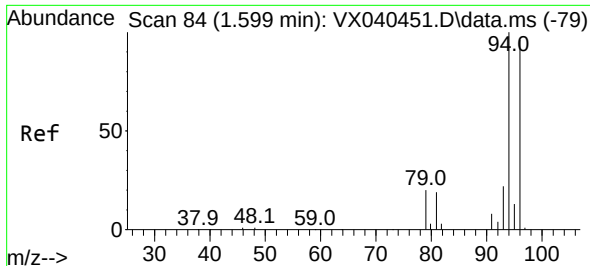


#4
Vinyl Chloride
Concen: 45.888 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX040525.D
Acq: 28 Feb 2024 20:38



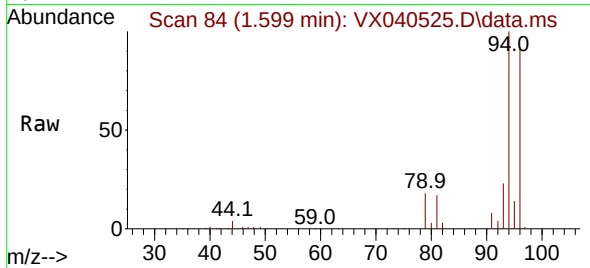
Tgt Ion: 62 Resp: 51853
Ion Ratio Lower Upper
62 100
64 32.7 25.4 38.0





#5
Bromomethane
Concen: 53.555 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX040525.D
Acq: 28 Feb 2024 20:38

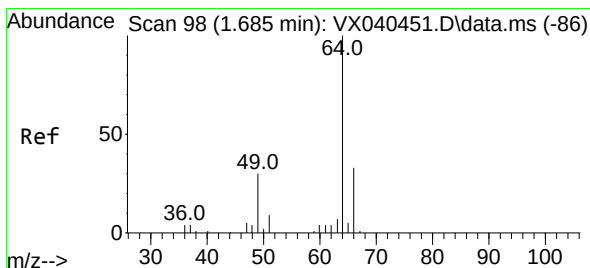
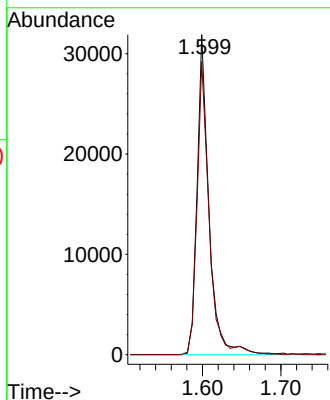
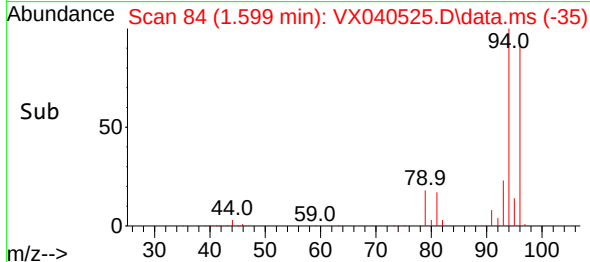
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ClientSampleId :
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Tgt Ion: 94 Resp: 33630
Ion Ratio Lower Upper
94 100
96 91.6 74.6 111.8

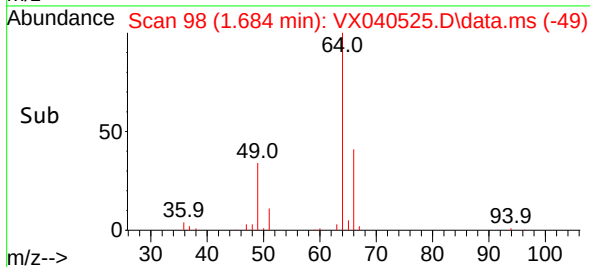
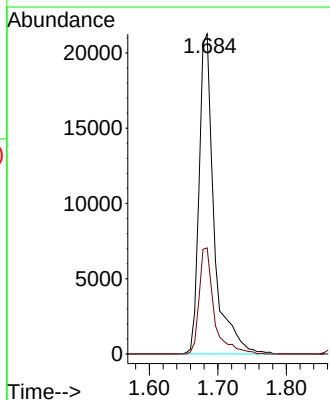
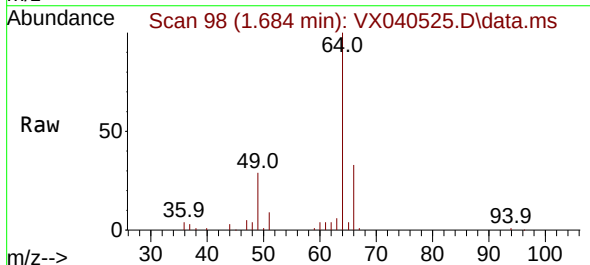
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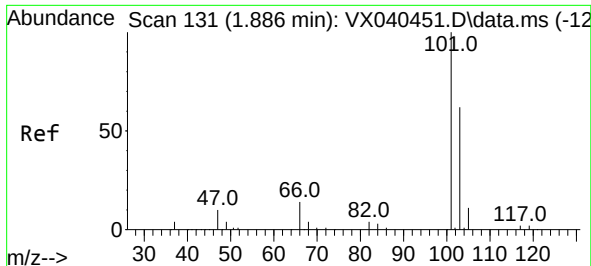
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#6
Chloroethane
Concen: 45.260 ug/l
RT: 1.684 min Scan# 98
Delta R.T. -0.001 min
Lab File: VX040525.D
Acq: 28 Feb 2024 20:38

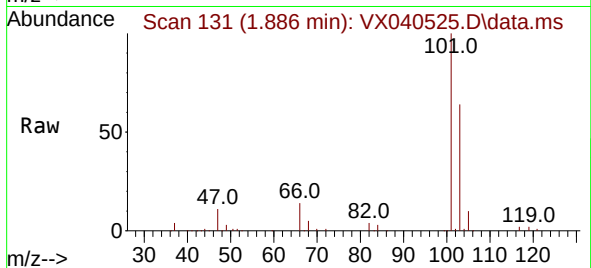
Tgt Ion: 64 Resp: 32366
Ion Ratio Lower Upper
64 100
66 33.1 25.1 37.7





#7
Trichlorofluoromethane
Concen: 49.907 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040525.D
Acq: 28 Feb 2024 20:38

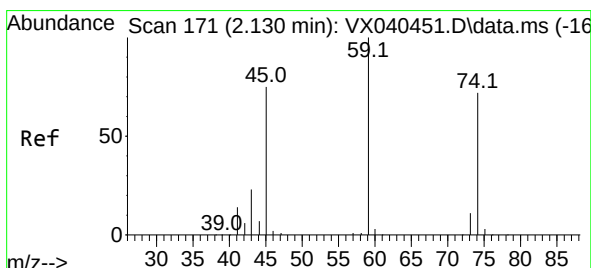
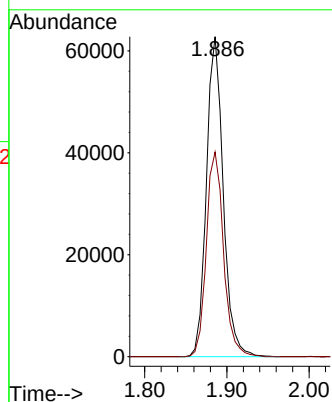
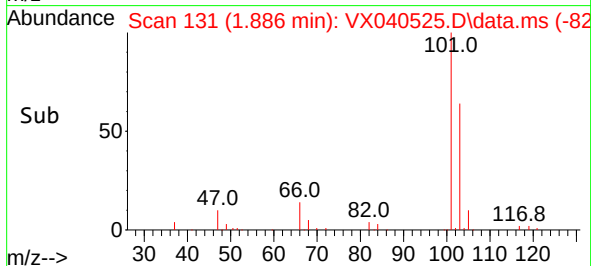
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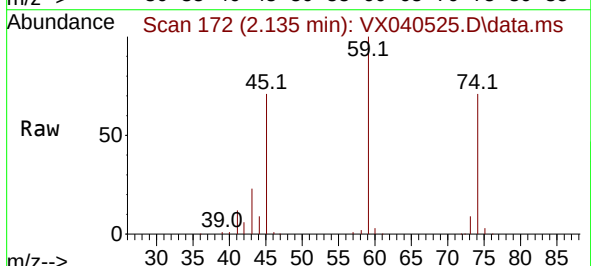
Tgt Ion:101 Resp: 89069
Ion Ratio Lower Upper
101 100
103 64.0 51.4 77.2

Manual Integrations
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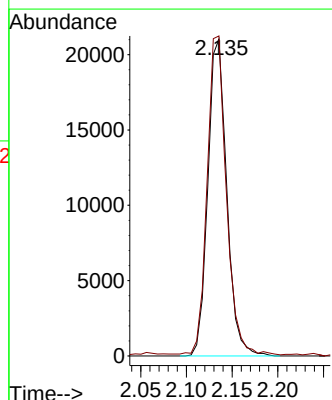
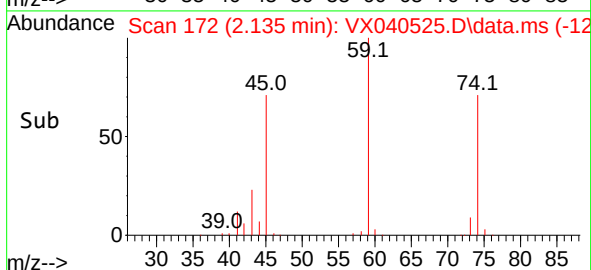
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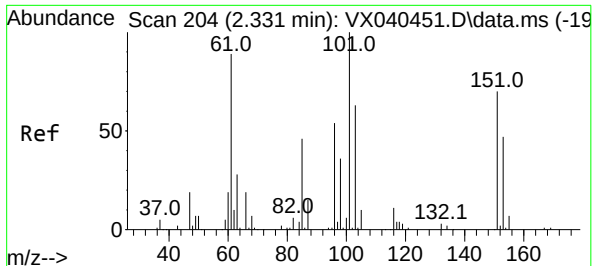


#8
Diethyl Ether
Concen: 48.532 ug/l
RT: 2.135 min Scan# 172
Delta R.T. 0.006 min
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Acq: 28 Feb 2024 20:38



Tgt Ion: 74 Resp: 30275
Ion Ratio Lower Upper
74 100
45 102.4 53.3 159.8





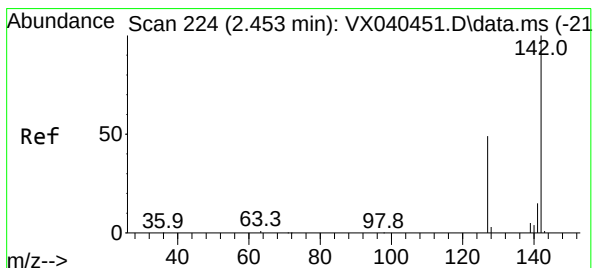
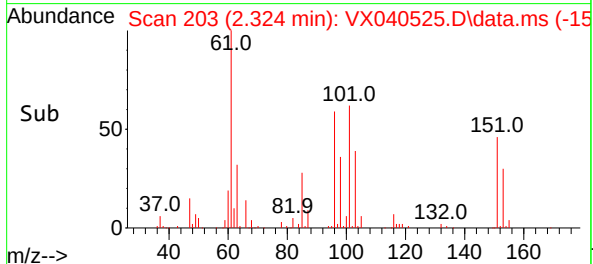
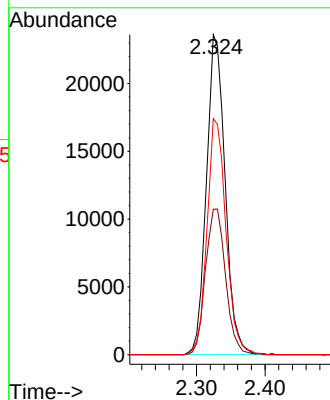
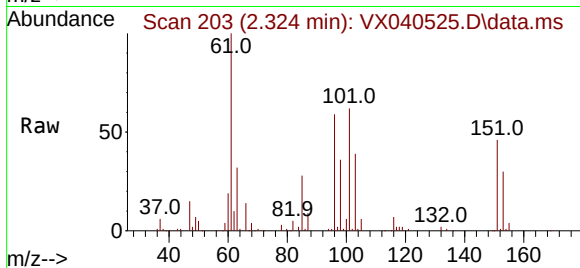
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.722 ug/l
RT: 2.324 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX040525.D
Acq: 28 Feb 2024 20:38

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Tgt Ion:101 Resp: 44884
Ion Ratio Lower Upper
101 100
85 48.8 37.0 55.6
151 75.0 58.6 87.8

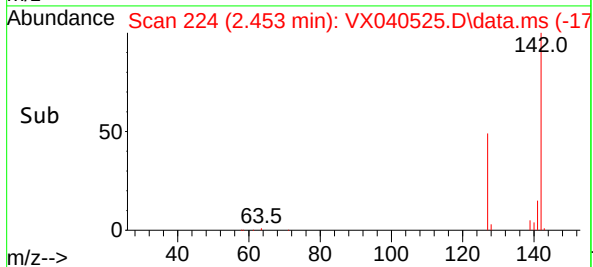
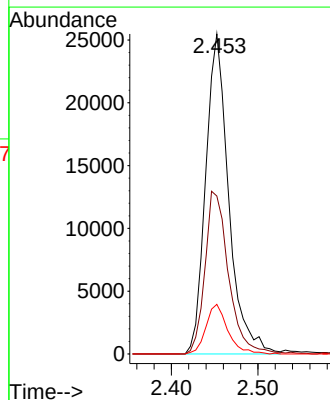
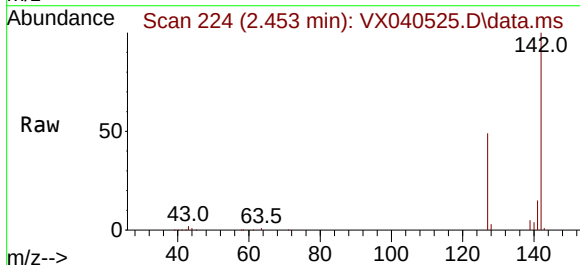
Manual Integrations
APPROVED

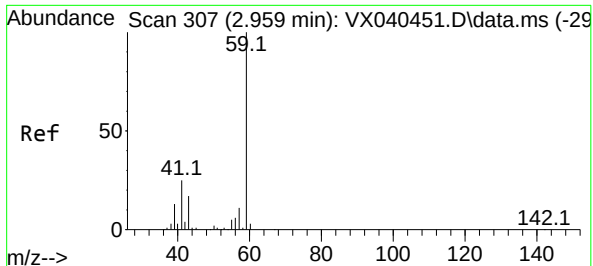
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#10
Methyl Iodide
Concen: 47.473 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX040525.D
Acq: 28 Feb 2024 20:38

Tgt Ion:142 Resp: 47129
Ion Ratio Lower Upper
142 100
127 51.9 41.6 62.4
141 14.7 11.6 17.4





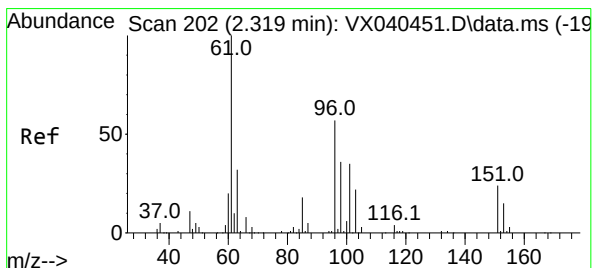
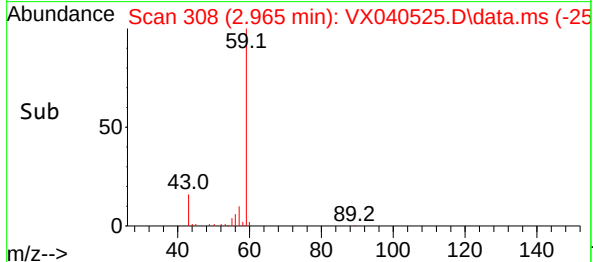
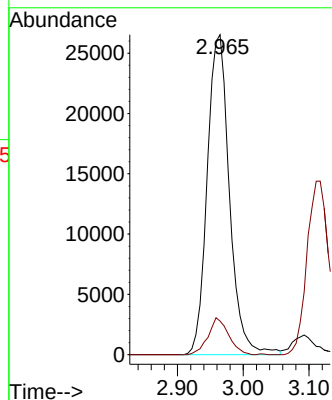
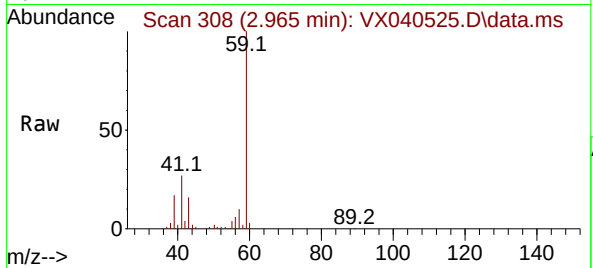
#11
Tert butyl alcohol
Concen: 262.165 ug/l
RT: 2.965 min Scan# 307
Delta R.T. 0.006 min
Lab File: VX040525.D
Acq: 28 Feb 2024 20:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 62400
Ion Ratio Lower Upper
59 100
57 10.6 6.0 9.0

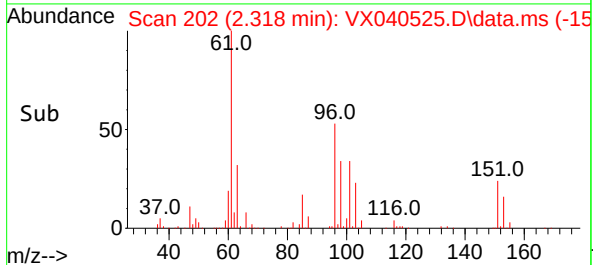
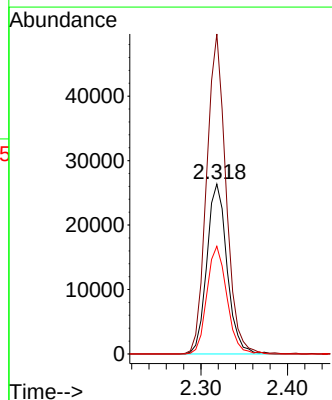
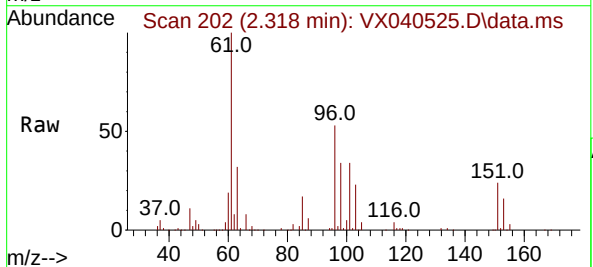
Manual Integrations
APPROVED

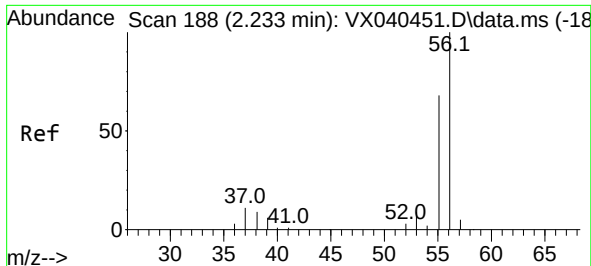
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#12
1,1-Dichloroethene
Concen: 44.247 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX040525.D
Acq: 28 Feb 2024 20:38

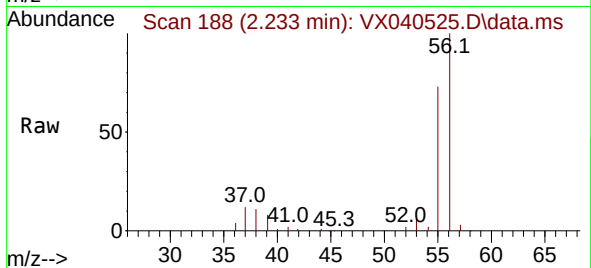
Tgt Ion: 96 Resp: 42676
Ion Ratio Lower Upper
96 100
61 188.3 144.6 216.8
98 63.4 50.4 75.6





#13
Acrolein
Concen: 333.934 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040525.D
Acq: 28 Feb 2024 20:38

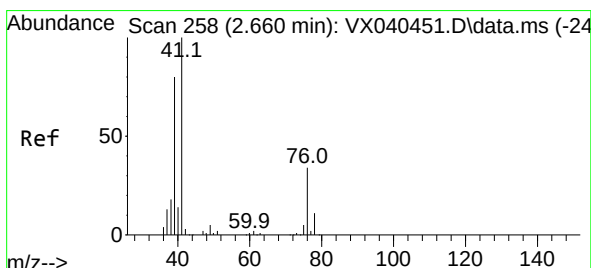
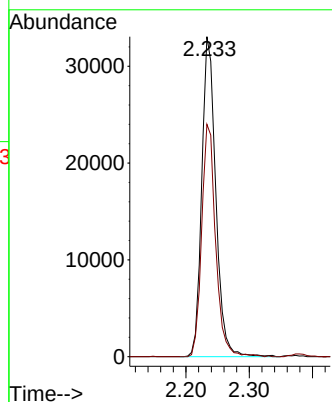
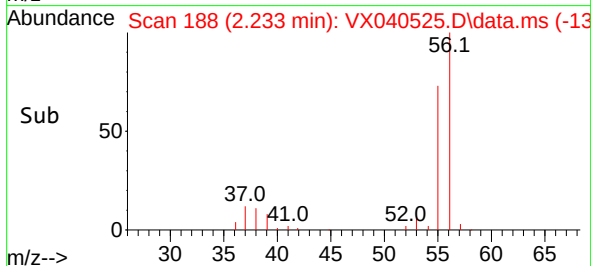
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 5095
Ion Ratio Lower Upper
56 100
55 72.5 57.1 85.7

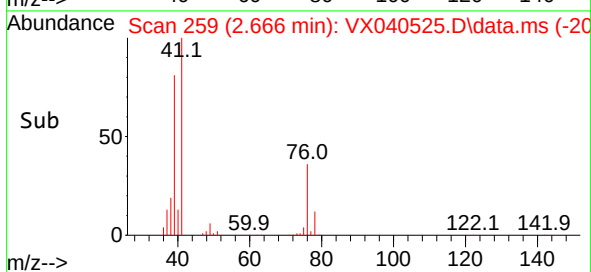
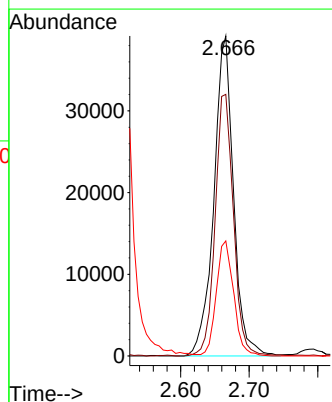
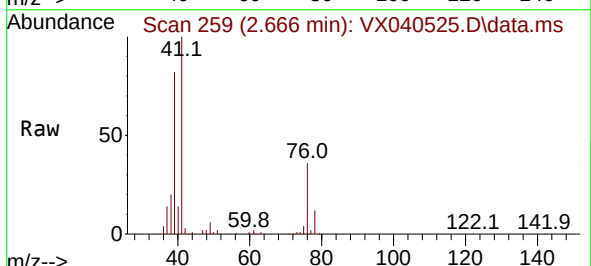
Manual Integrations
APPROVED

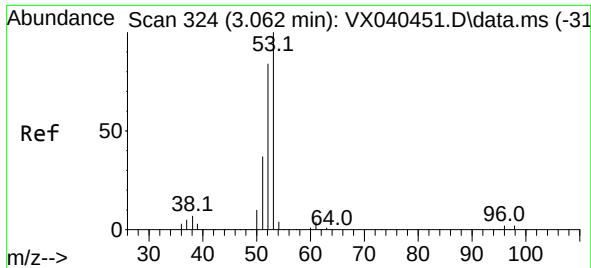
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#14
Allyl chloride
Concen: 46.241 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX040525.D
Acq: 28 Feb 2024 20:38

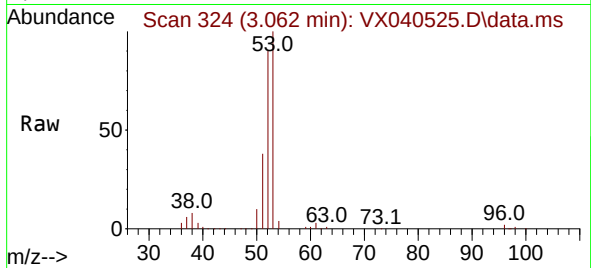
Tgt Ion: 41 Resp: 78026
Ion Ratio Lower Upper
41 100
39 76.4 55.8 83.6
76 31.8 24.3 36.5





#15
Acrylonitrile
Concen: 241.010 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX040525.D
Acq: 28 Feb 2024 20:38

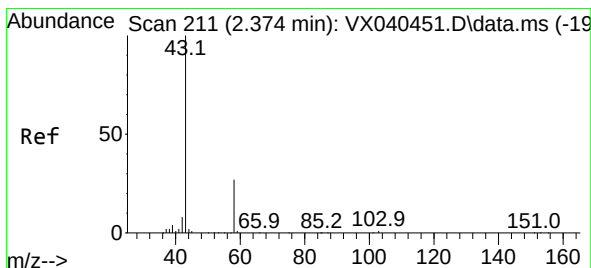
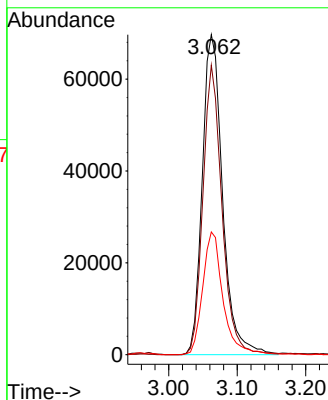
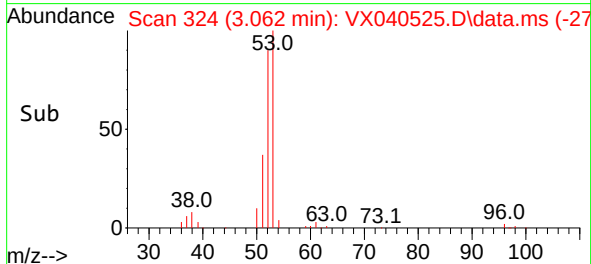
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 143894
Ion Ratio Lower Upper
53 100
52 84.8 66.0 99.0
51 38.3 29.8 44.6

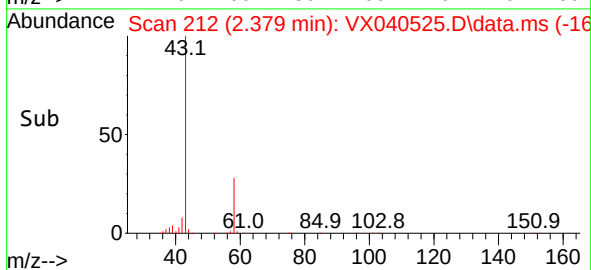
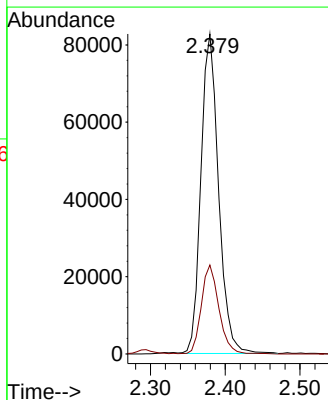
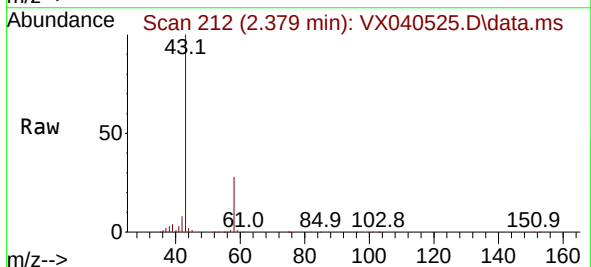
Manual Integrations
APPROVED

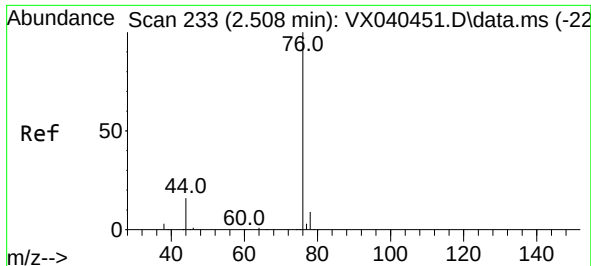
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#16
Acetone
Concen: 293.686 ug/l
RT: 2.379 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX040525.D
Acq: 28 Feb 2024 20:38

Tgt Ion: 43 Resp: 135608
Ion Ratio Lower Upper
43 100
58 27.9 21.9 32.9





#17

Carbon Disulfide

Concen: 40.578 ug/l

RT: 2.513 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX040525.D

Acq: 28 Feb 2024 20:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 10837

Ion Ratio Lower Upper

76 100

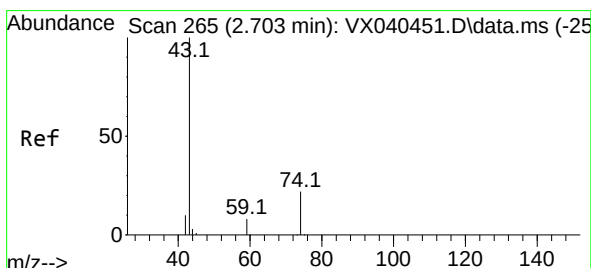
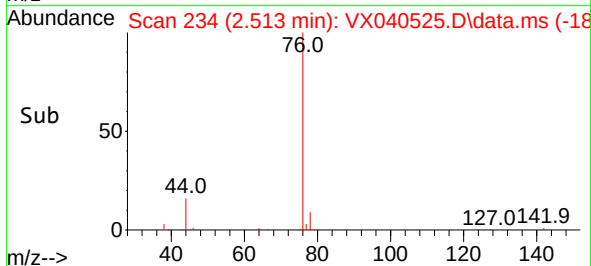
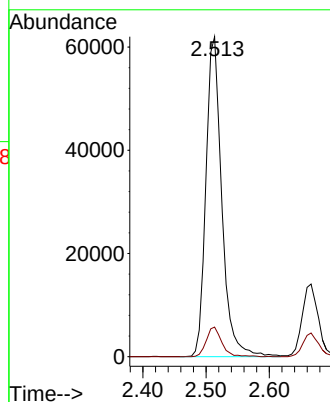
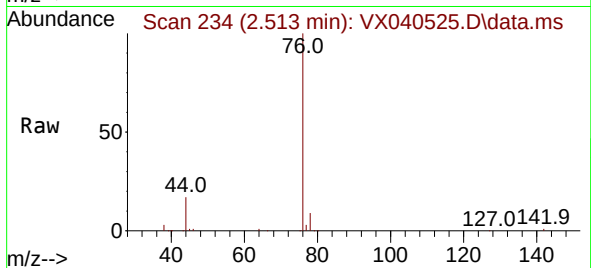
78 9.3 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#18

Methyl Acetate

Concen: 52.072 ug/l

RT: 2.702 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX040525.D

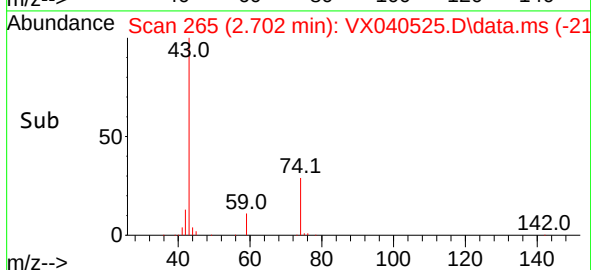
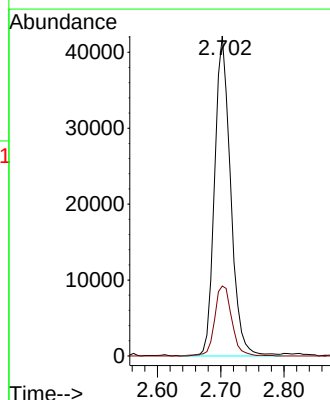
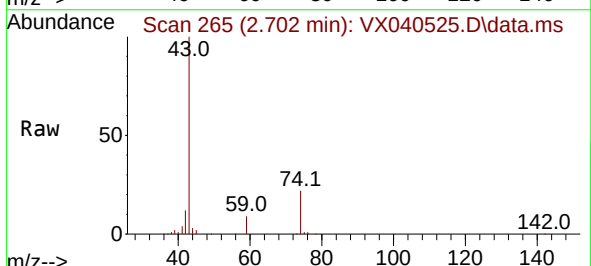
Acq: 28 Feb 2024 20:38

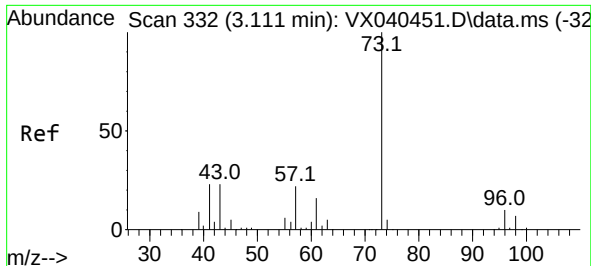
Tgt Ion: 43 Resp: 74127

Ion Ratio Lower Upper

43 100

74 23.3 17.8 26.8





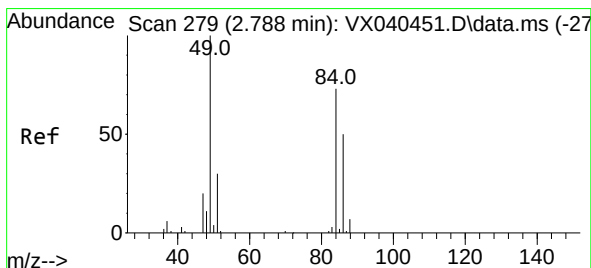
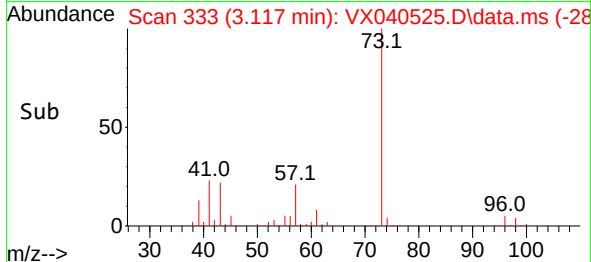
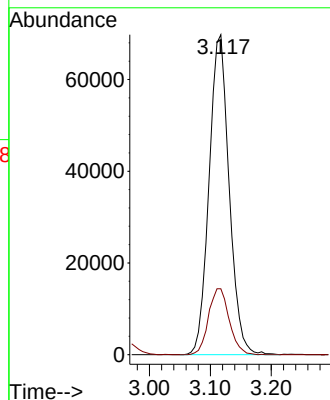
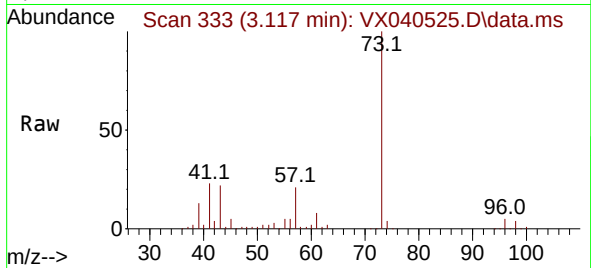
#19
Methyl tert-butyl Ether
Concen: 48.524 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX040525.D
Acq: 28 Feb 2024 20:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 159630
Ion Ratio Lower Upper
73 100
57 20.6 17.3 25.9

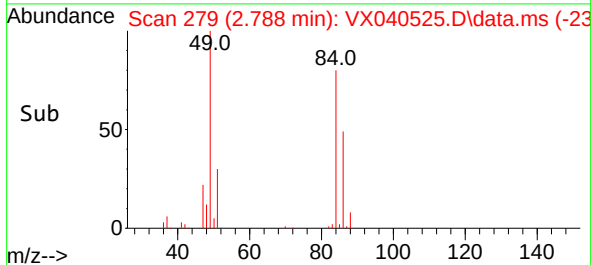
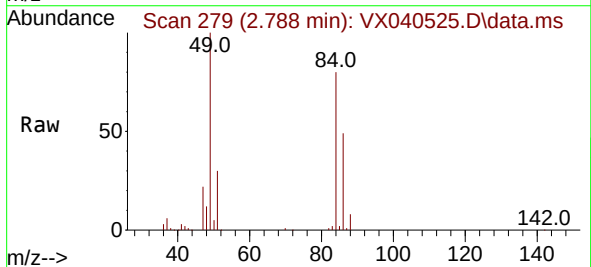
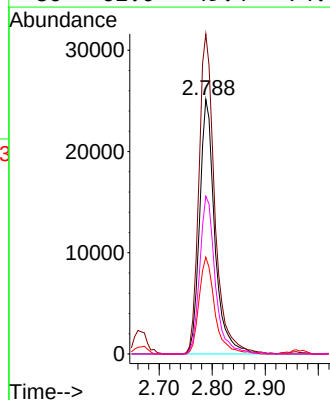
Manual Integrations
APPROVED

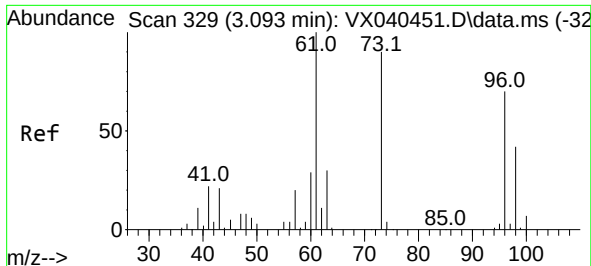
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#20
Methylene Chloride
Concen: 45.453 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX040525.D
Acq: 28 Feb 2024 20:38

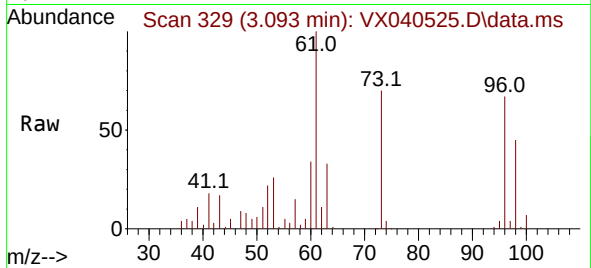
Tgt Ion: 84 Resp: 50225
Ion Ratio Lower Upper
84 100
49 125.7 103.6 155.4
51 38.0 33.8 50.6
86 62.0 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 44.426 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX040525.D
Acq: 28 Feb 2024 20:38

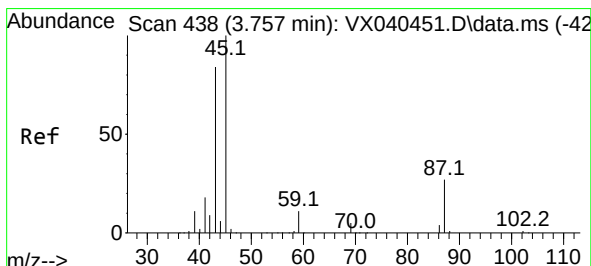
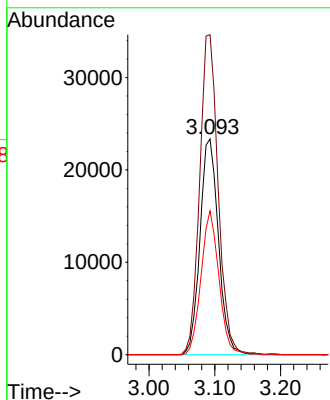
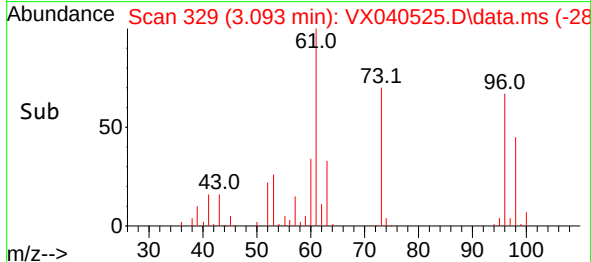
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



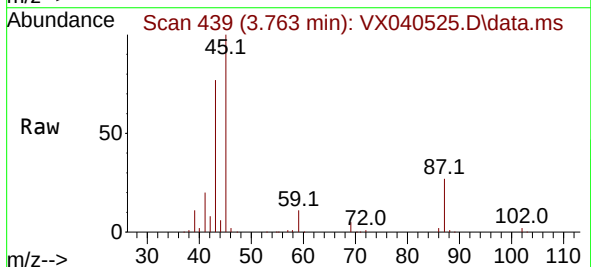
Tgt Ion: 96 Resp: 45690
Ion Ratio Lower Upper
96 100
61 148.4 119.2 178.8
98 66.7 48.7 73.1

Manual Integrations
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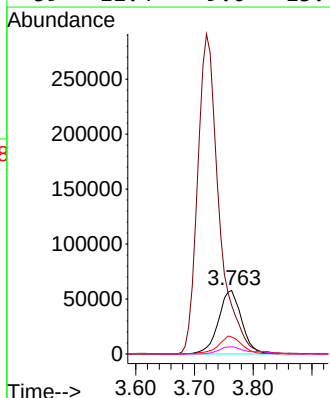
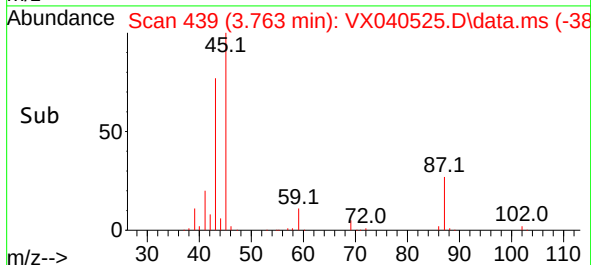
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024

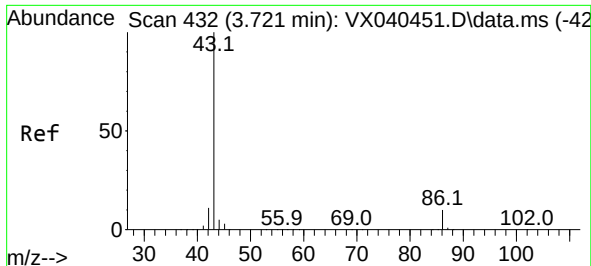


#22
Diisopropyl ether
Concen: 46.615 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX040525.D
Acq: 28 Feb 2024 20:38



Tgt Ion: 45 Resp: 158062
Ion Ratio Lower Upper
45 100
43 76.1 69.7 104.5
87 26.6 20.8 31.2
59 11.4 9.0 13.4





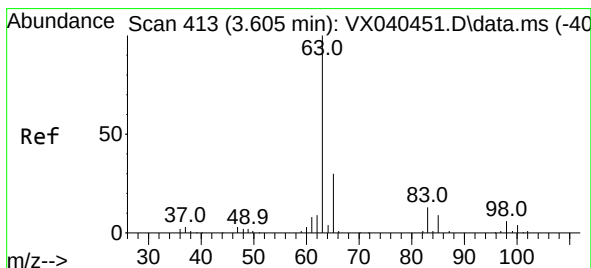
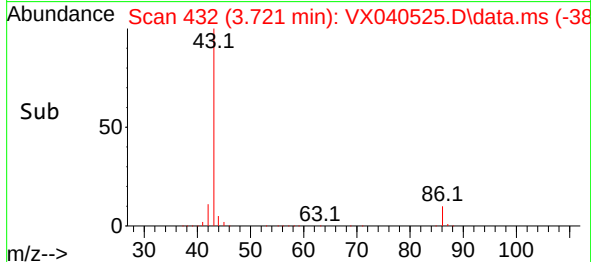
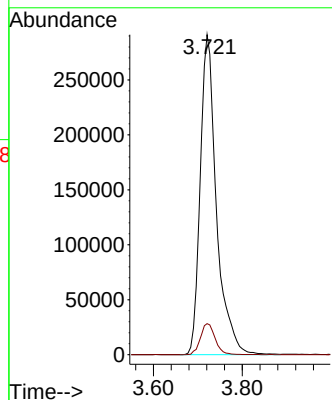
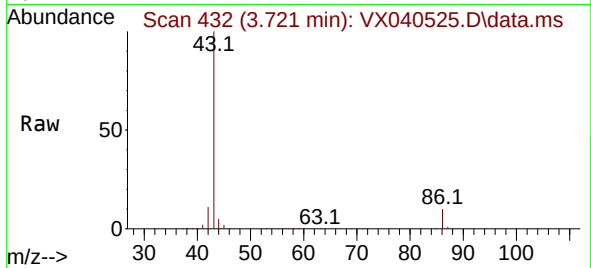
#23
 Vinyl Acetate
 Concen: 238.267 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX040525.D
 Acq: 28 Feb 2024 20:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 74008
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.8 11.8

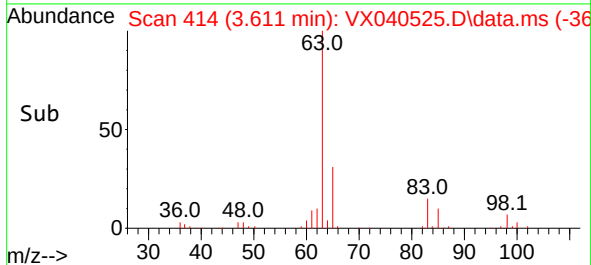
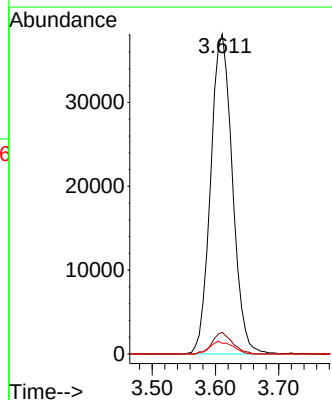
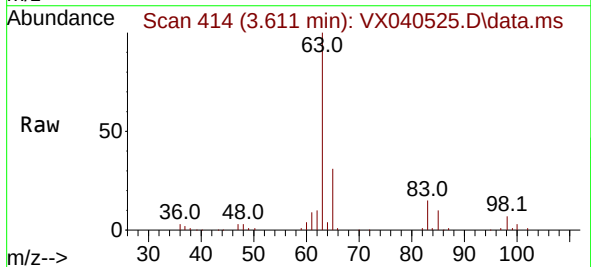
Manual Integrations
 APPROVED

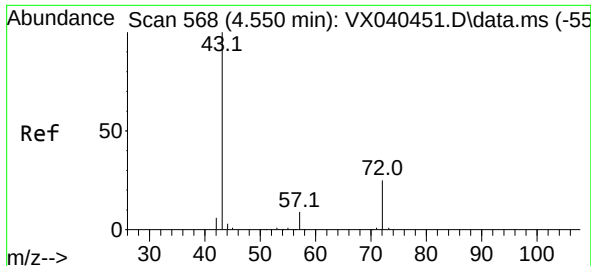
Reviewed By :John Carlone 02/29/2024
 Supervised By :Mahesh Dadoda 02/29/2024



#24
 1,1-Dichloroethane
 Concen: 46.091 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX040525.D
 Acq: 28 Feb 2024 20:38

Tgt Ion: 63 Resp: 91138
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.3 9.8
 100 3.3 2.1 6.5





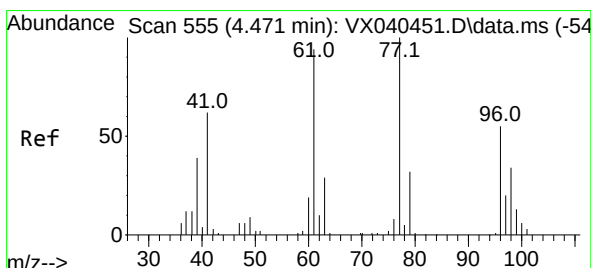
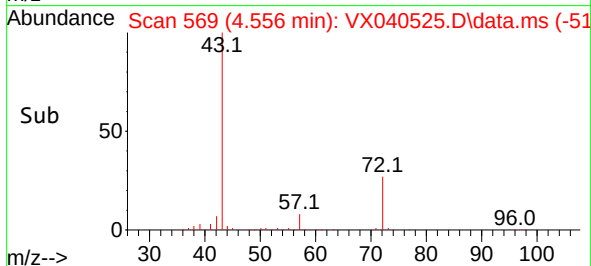
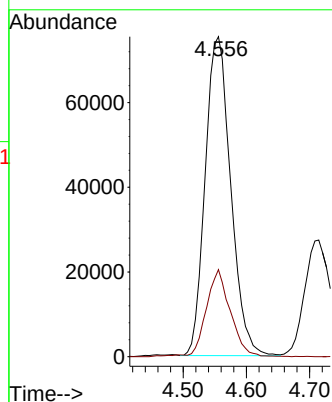
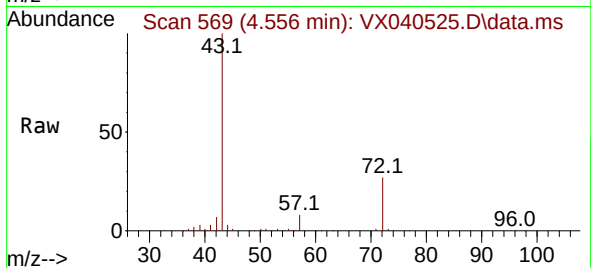
#25
2-Butanone
Concen: 262.790 ug/l
RT: 4.556 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX040525.D
Acq: 28 Feb 2024 20:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 211414
Ion Ratio Lower Upper
43 100
72 27.1 19.4 29.2

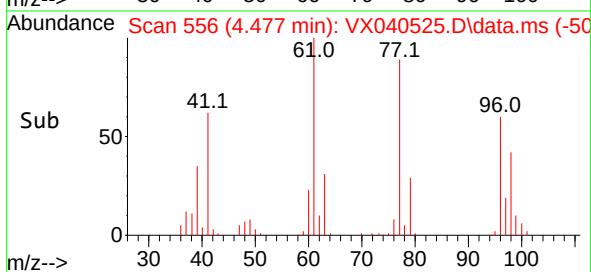
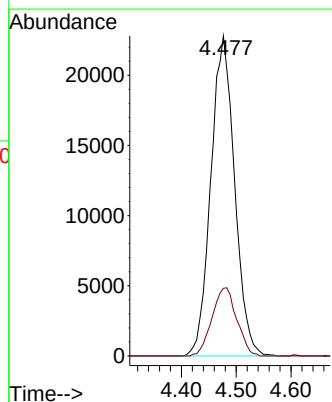
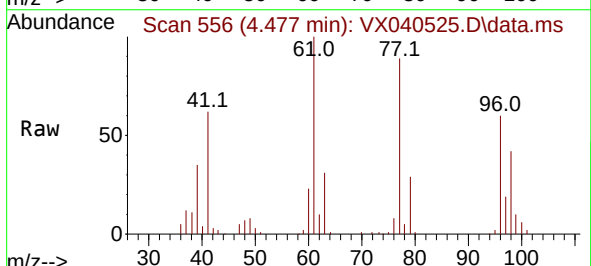
Manual Integrations
APPROVED

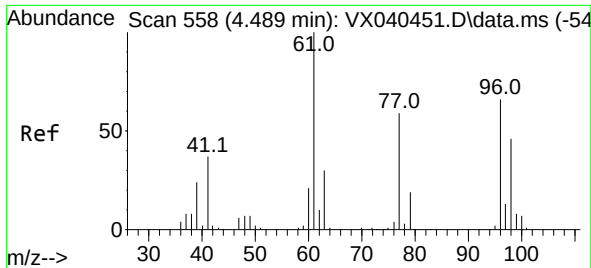
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#26
2,2-Dichloropropane
Concen: 43.532 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX040525.D
Acq: 28 Feb 2024 20:38

Tgt Ion: 77 Resp: 68535
Ion Ratio Lower Upper
77 100
97 22.2 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 45.160 ug/l
 RT: 4.489 min Scan# 558
 Delta R.T. -0.000 min
 Lab File: VX040525.D
 Acq: 28 Feb 2024 20:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

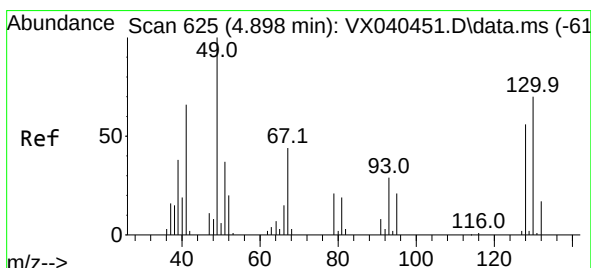
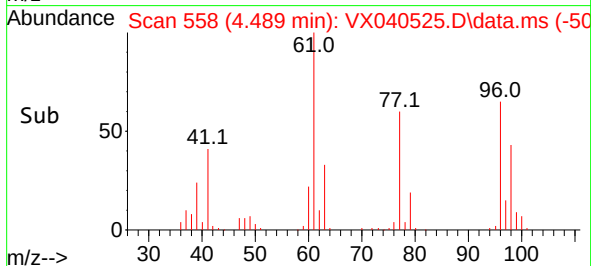
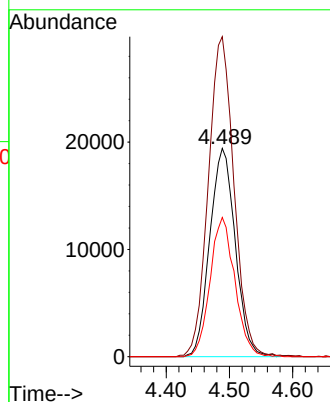
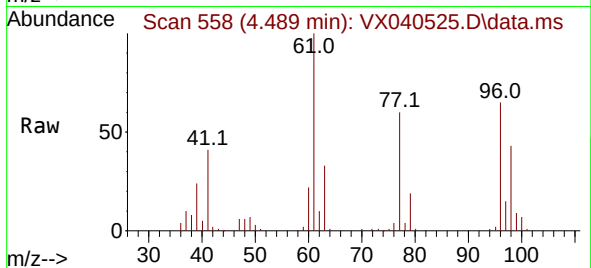
Tgt Ion: 96 Resp: 5434
 Ion Ratio Lower Upper
 96 100
 61 154.5 0.0 312.2
 98 65.0 0.0 129.0

Manual Integrations

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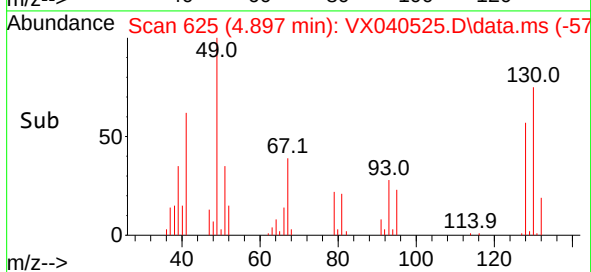
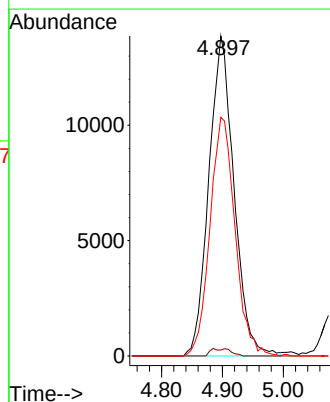
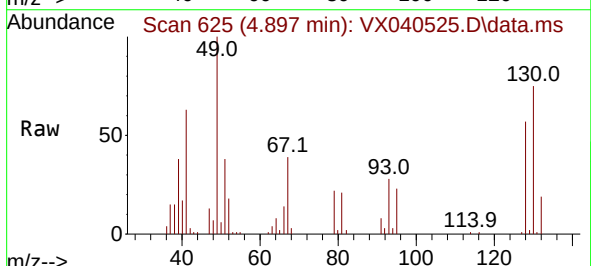
Reviewed By :John Carlone 02/29/2024

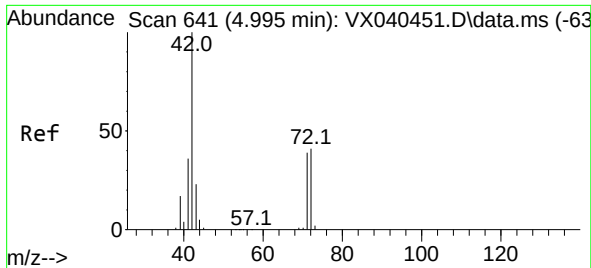
Supervised By :Mahesh Dadoda 02/29/2024



#28
 Bromochloromethane
 Concen: 48.080 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. -0.000 min
 Lab File: VX040525.D
 Acq: 28 Feb 2024 20:38

Tgt Ion: 49 Resp: 39769
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 3.8
 130 74.4 57.5 86.3





#29

Tetrahydrofuran

Concen: 245.924 ug/l

RT: 5.001 min Scan# 641

Delta R.T. 0.006 min

Lab File: VX040525.D

Acq: 28 Feb 2024 20:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 138020

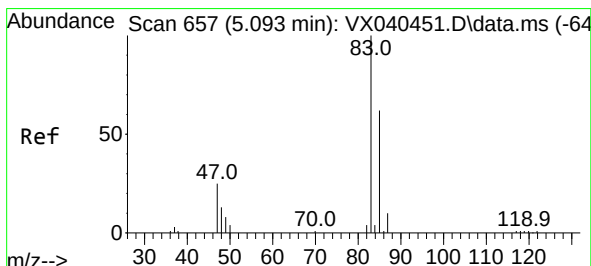
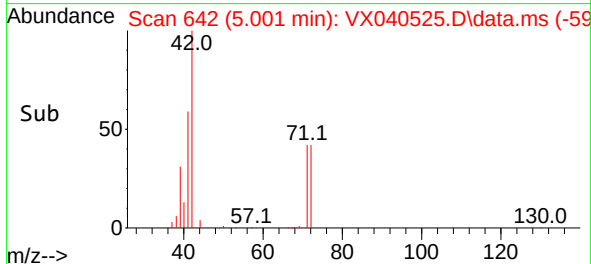
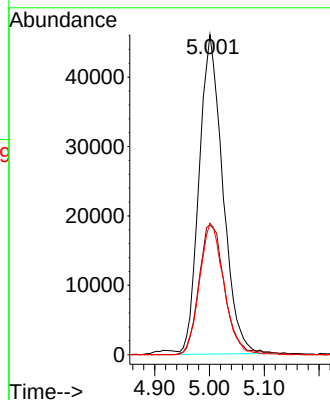
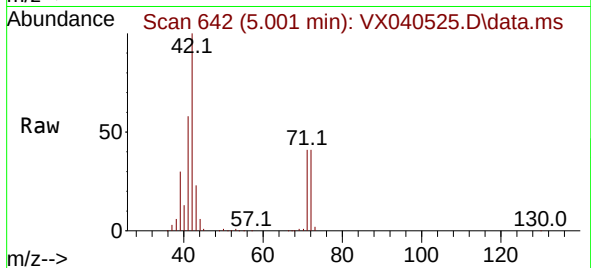
Ion	Ratio	Lower	Upper
42	100		
72	44.5	34.2	51.4
71	42.6	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#30

Chloroform

Concen: 47.715 ug/l

RT: 5.098 min Scan# 658

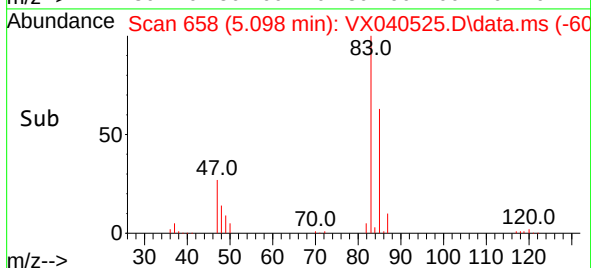
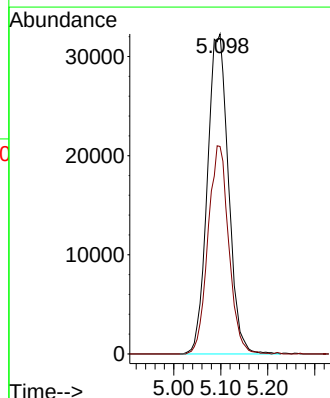
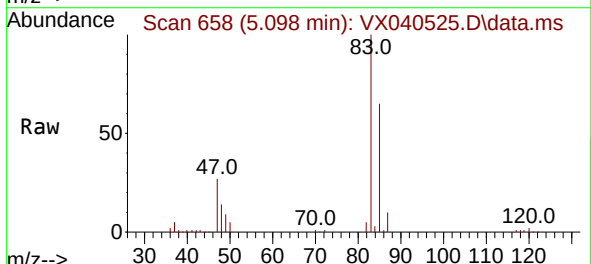
Delta R.T. 0.006 min

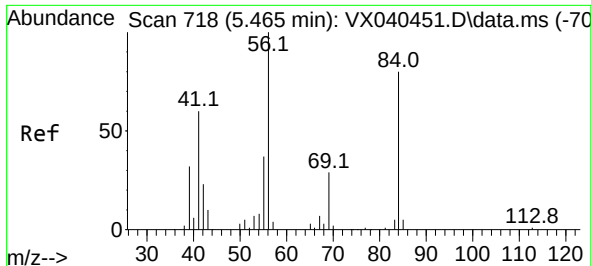
Lab File: VX040525.D

Acq: 28 Feb 2024 20:38

Tgt Ion: 83 Resp: 100147

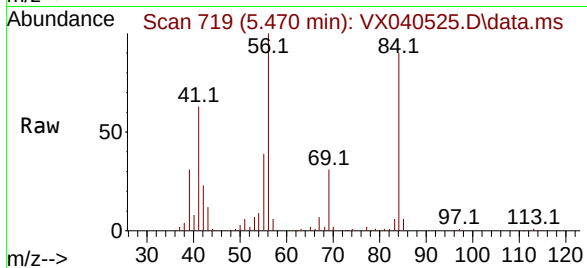
Ion	Ratio	Lower	Upper
83	100		
85	64.8	50.3	75.5





#31
Cyclohexane
Concen: 44.010 ug/l
RT: 5.470 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX040525.D
Acq: 28 Feb 2024 20:38

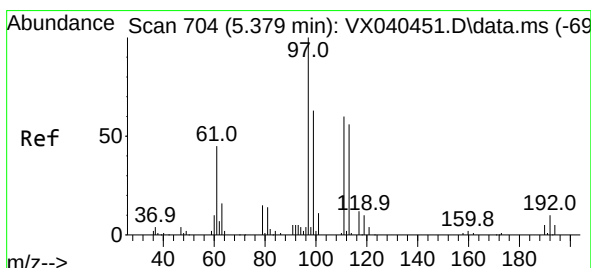
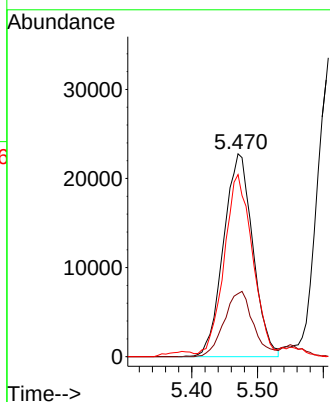
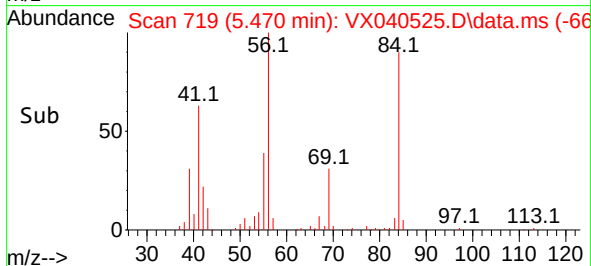
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 70598
Ion Ratio Lower Upper
56 100
69 31.1 23.4 35.2
84 87.6 65.9 98.9

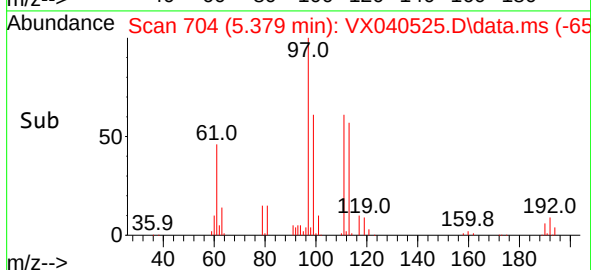
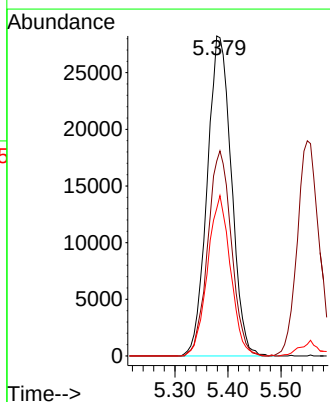
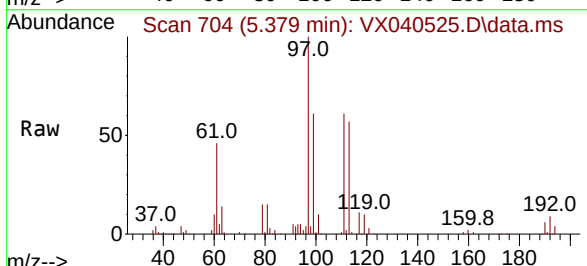
Manual Integrations
APPROVED

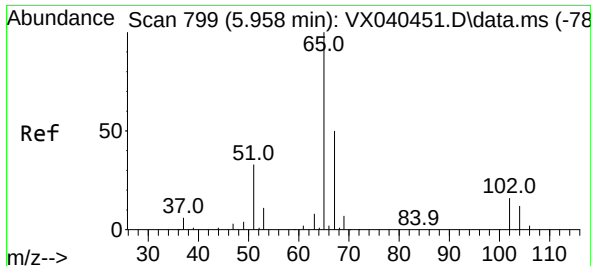
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#32
1,1,1-Trichloroethane
Concen: 49.803 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX040525.D
Acq: 28 Feb 2024 20:38

Tgt Ion: 97 Resp: 89216
Ion Ratio Lower Upper
97 100
99 62.6 51.1 76.7
61 47.7 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 49.328 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX040525.D

Acq: 28 Feb 2024 20:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 6984

Ion Ratio Lower Upper

65 100

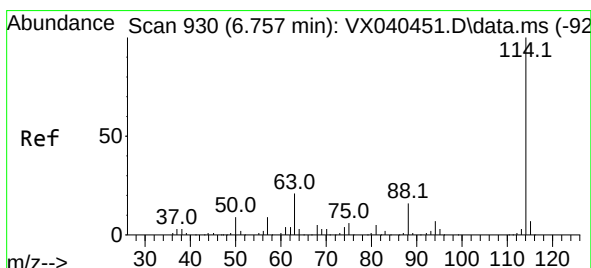
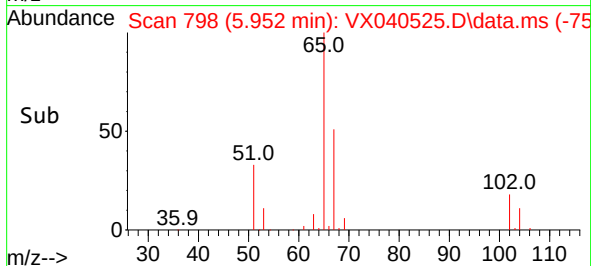
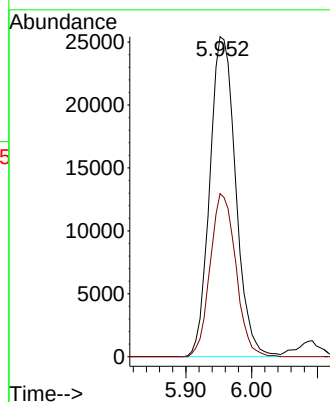
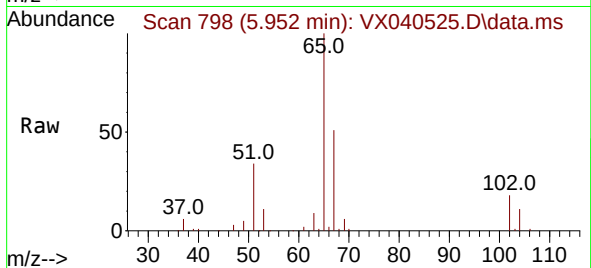
67 50.4 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX040525.D

Acq: 28 Feb 2024 20:38

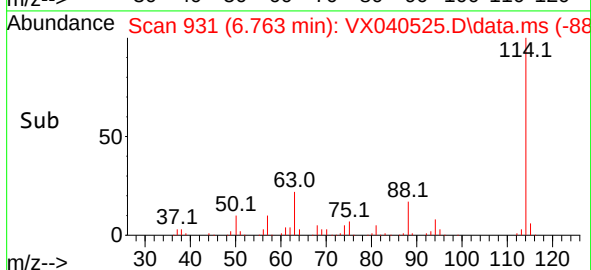
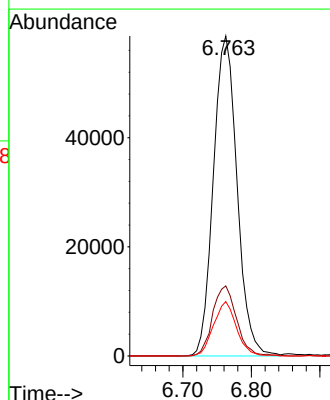
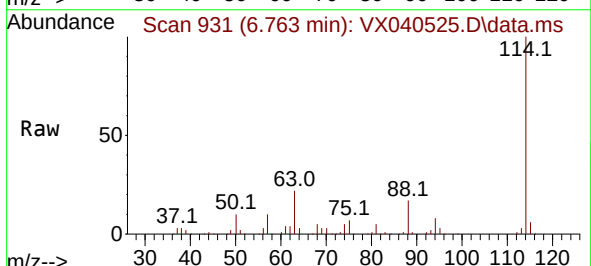
Tgt Ion:114 Resp: 140593

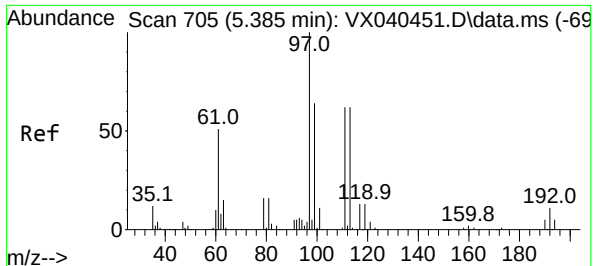
Ion Ratio Lower Upper

114 100

63 21.9 0.0 45.0

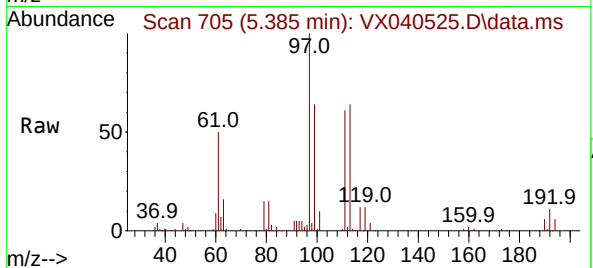
88 17.0 0.0 36.6





#35
Dibromofluoromethane
Concen: 50.507 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040525.D
Acq: 28 Feb 2024 20:38

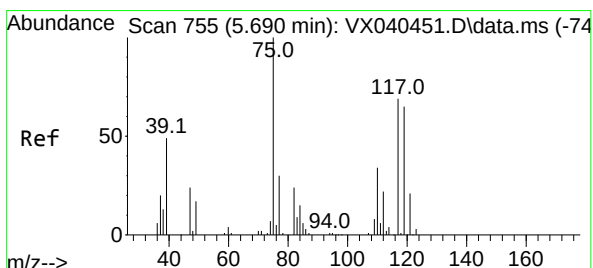
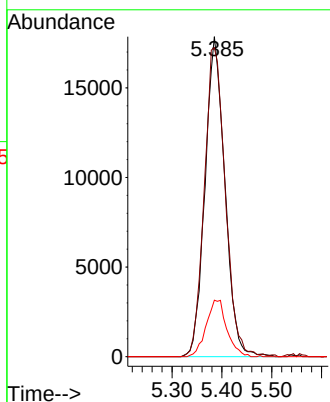
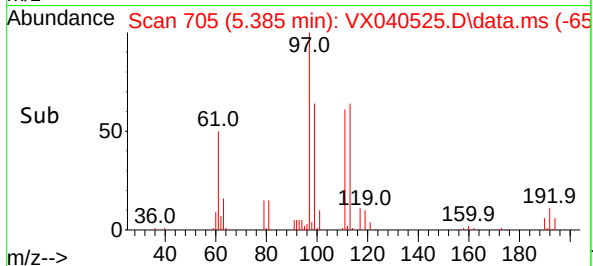
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 49379
Ion Ratio Lower Upper
113 100
111 102.2 82.9 124.3
192 18.4 13.3 19.9

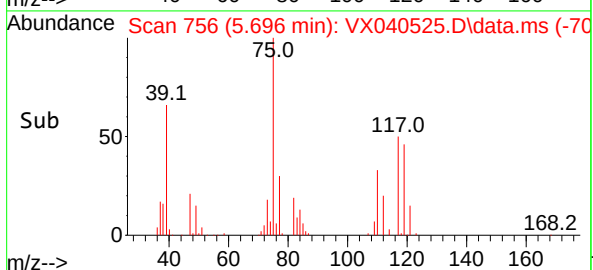
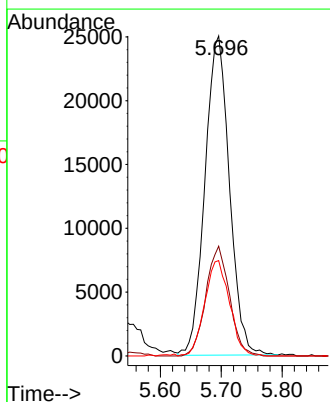
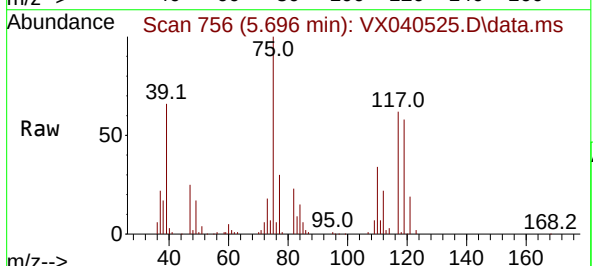
Manual Integrations
APPROVED

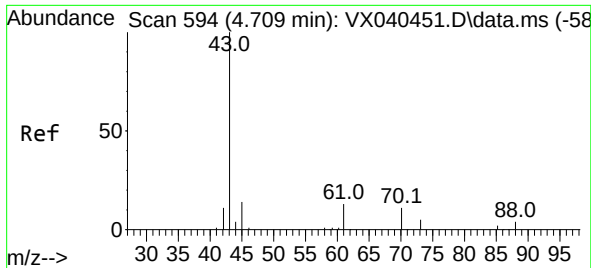
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#36
1,1-Dichloropropene
Concen: 46.381 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX040525.D
Acq: 28 Feb 2024 20:38

Tgt Ion: 75 Resp: 69864
Ion Ratio Lower Upper
75 100
110 33.2 17.0 50.9
77 30.3 24.7 37.1





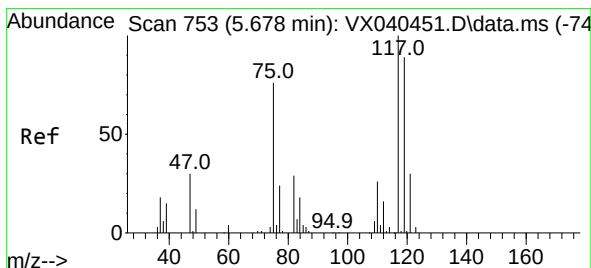
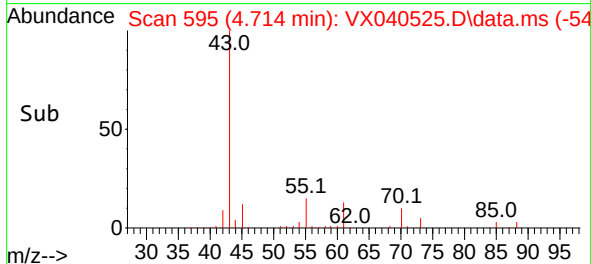
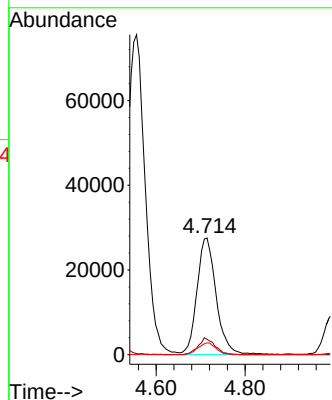
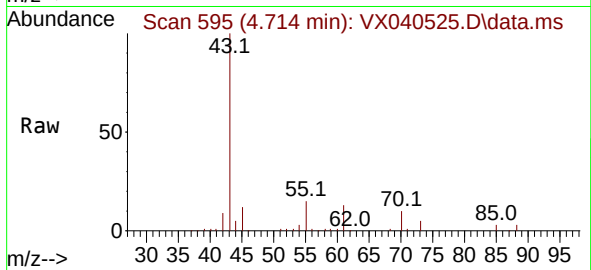
#37
Ethyl Acetate
Concen: 49.903 ug/l
RT: 4.714 min Scan# 594
Delta R.T. 0.006 min
Lab File: VX040525.D
Acq: 28 Feb 2024 20:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 8226
Ion Ratio Lower Upper
43 100
61 12.7 10.6 16.0
70 9.5 8.3 12.5

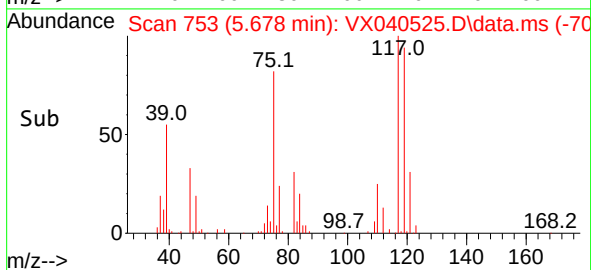
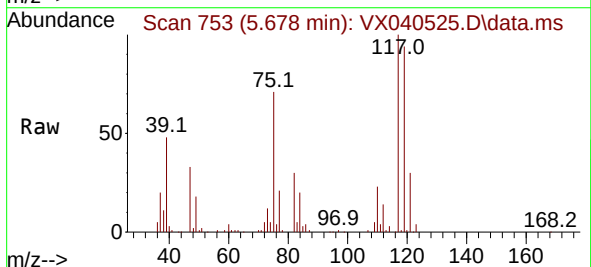
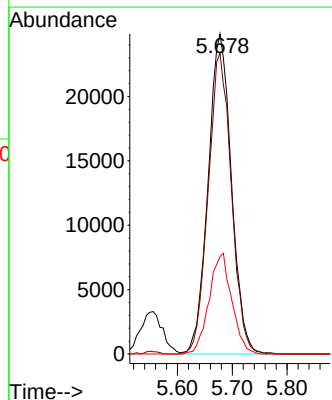
Manual Integrations
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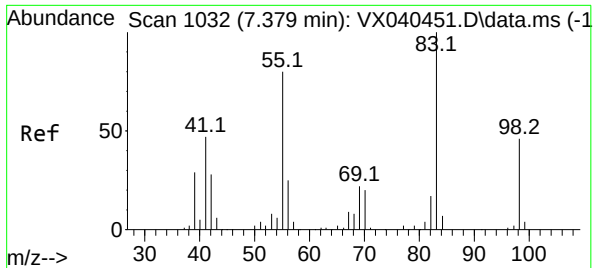
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#38
Carbon Tetrachloride
Concen: 50.415 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX040525.D
Acq: 28 Feb 2024 20:38

Tgt Ion:117 Resp: 73362
Ion Ratio Lower Upper
117 100
119 93.9 78.2 117.2
121 30.4 24.4 36.6





#39
Methylcyclohexane
Concen: 46.314 ug/l
RT: 7.378 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX040525.D
Acq: 28 Feb 2024 20:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

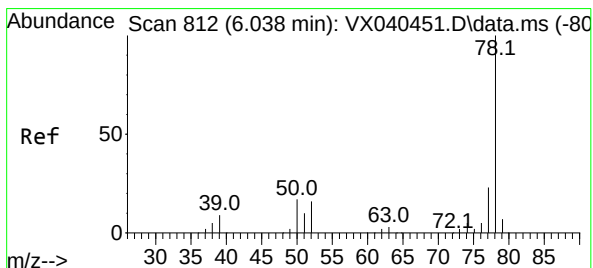
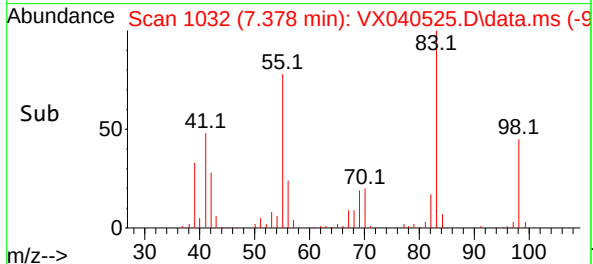
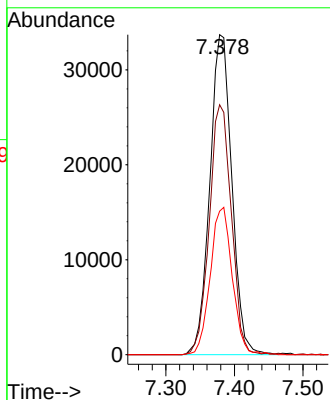
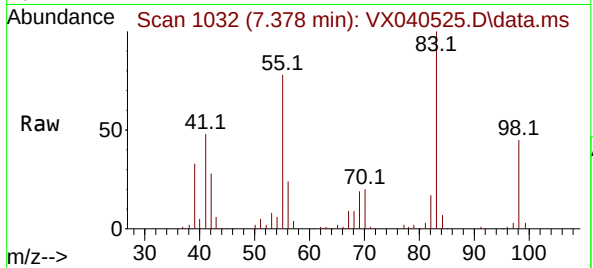
Tgt Ion: 83 Resp: 75319
Ion Ratio Lower Upper
83 100
55 78.1 64.6 97.0
98 44.9 36.7 55.1

Manual Integrations

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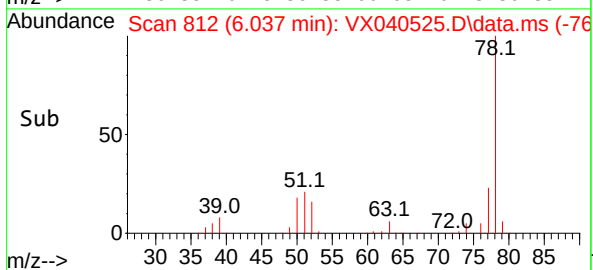
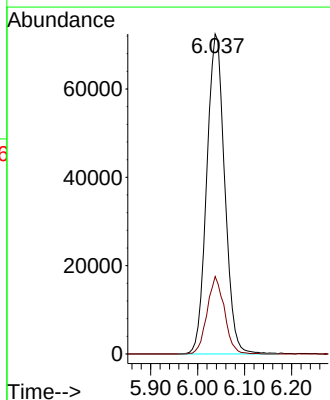
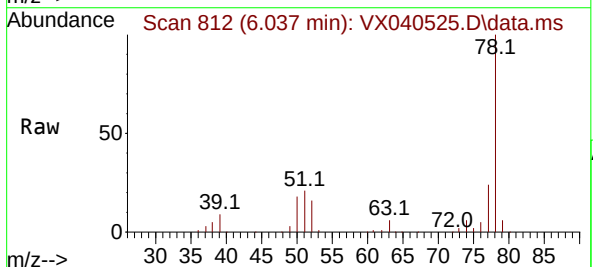
Reviewed By :John Carlone 02/29/2024

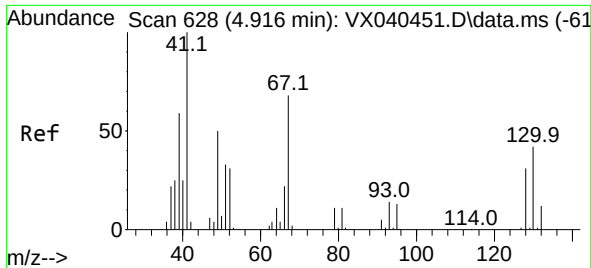
Supervised By :Mahesh Dadoda 02/29/2024



#40
Benzene
Concen: 47.091 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX040525.D
Acq: 28 Feb 2024 20:38

Tgt Ion: 78 Resp: 192046
Ion Ratio Lower Upper
78 100
77 24.2 19.3 28.9





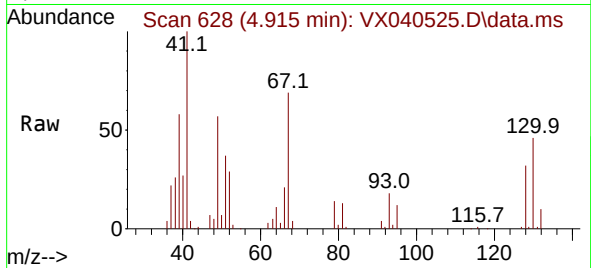
#41
Methacrylonitrile
Concen: 49.398 ug/l
RT: 4.915 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX040525.D
Acq: 28 Feb 2024 20:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



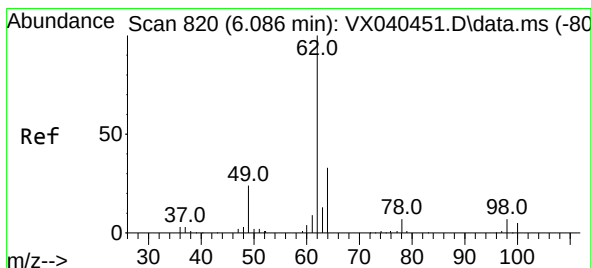
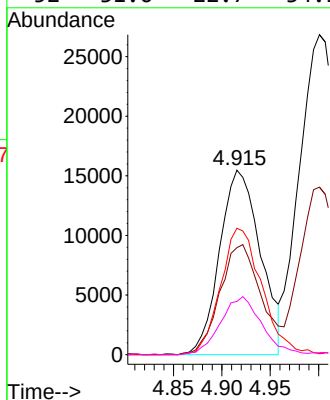
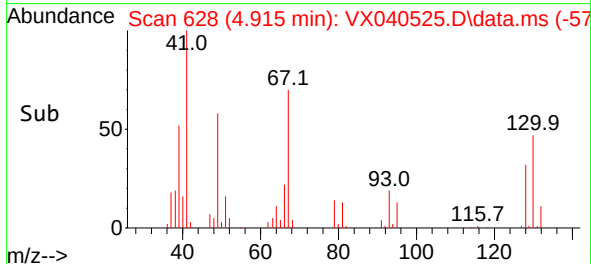
Tgt Ion: 41 Resp: 4548
Ion Ratio Lower Upper
41 100
39 61.4 45.2 67.8
67 69.1 52.6 78.8
52 31.6 22.7 34.1

Manual Integrations

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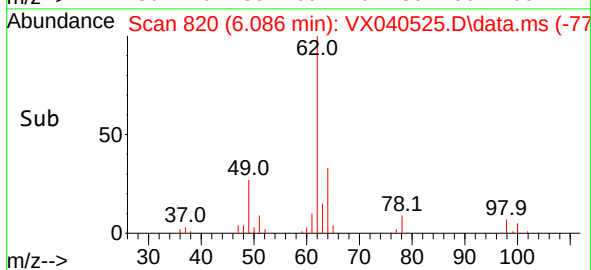
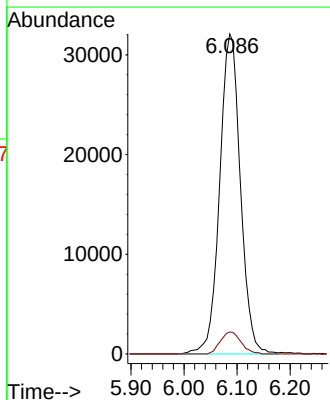
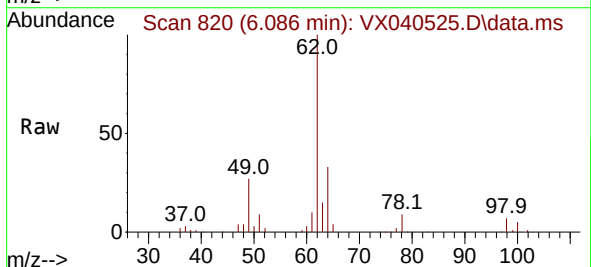
Reviewed By :John Carlone 02/29/2024

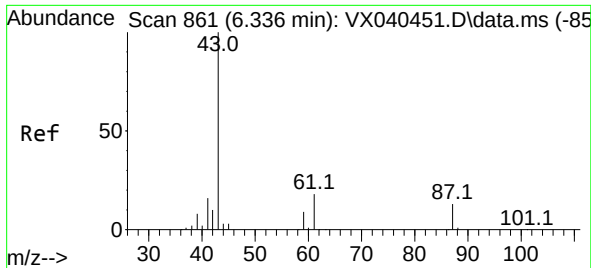
Supervised By :Mahesh Dadoda 02/29/2024



#42
1,2-Dichloroethane
Concen: 51.576 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX040525.D
Acq: 28 Feb 2024 20:38

Tgt Ion: 62 Resp: 87055
Ion Ratio Lower Upper
62 100
98 6.8 0.0 16.0





#43

Isopropyl Acetate

Concen: 49.483 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.006 min

Lab File: VX040525.D

Acq: 28 Feb 2024 20:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 127990

Ion Ratio Lower Upper

43 100

61 17.4 15.2 22.8

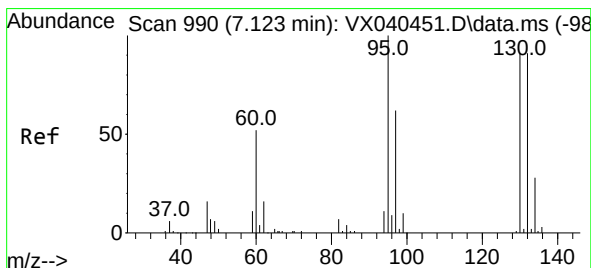
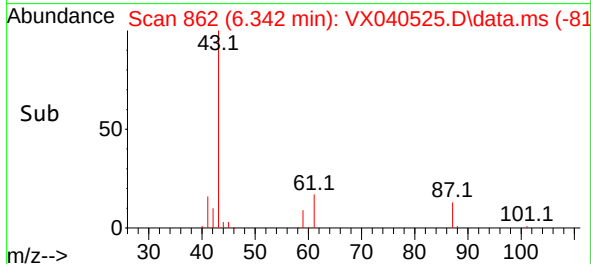
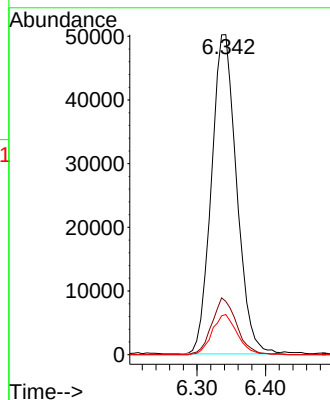
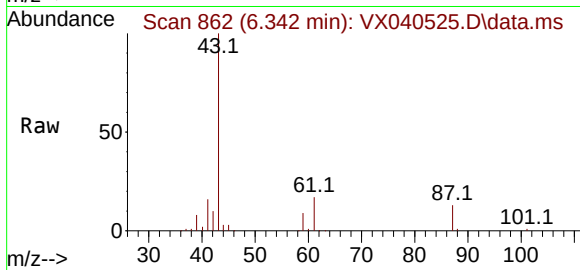
87 12.6 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#44

Trichloroethene

Concen: 46.294 ug/l

RT: 7.128 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX040525.D

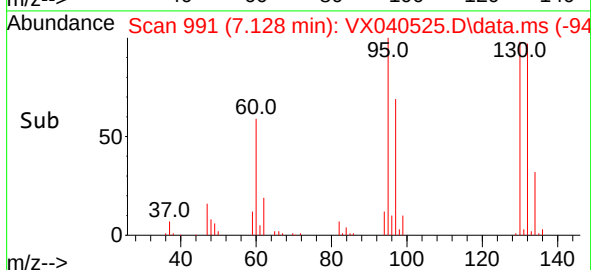
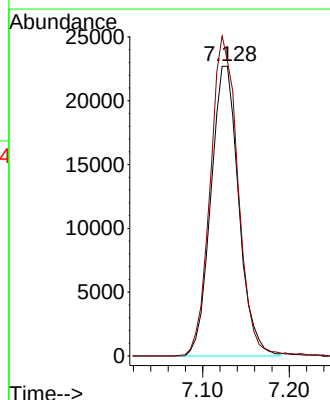
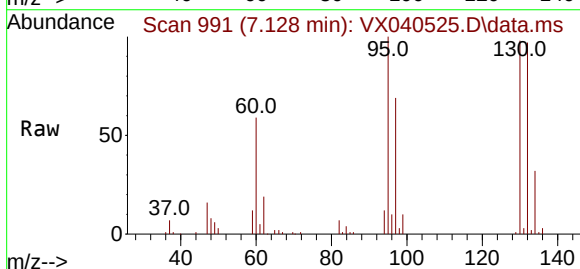
Acq: 28 Feb 2024 20:38

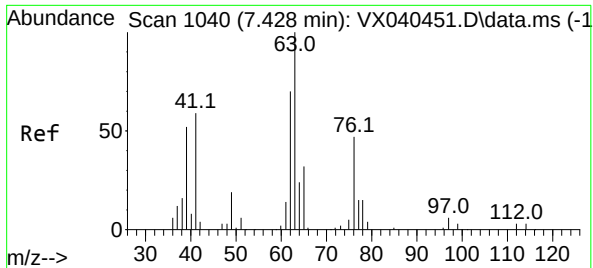
Tgt Ion:130 Resp: 50774

Ion Ratio Lower Upper

130 100

95 101.6 0.0 204.4





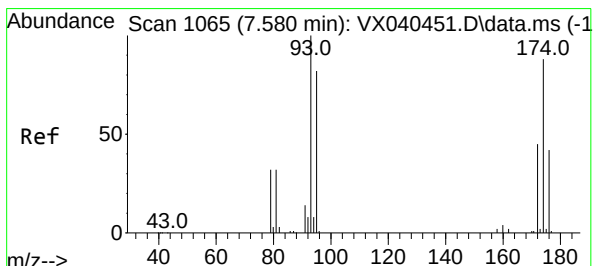
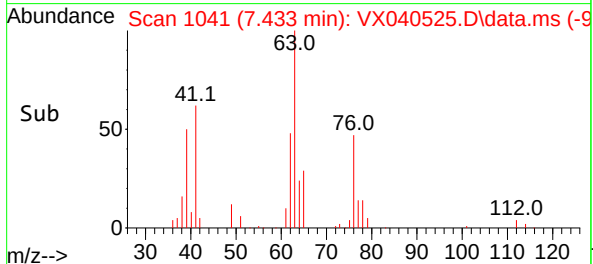
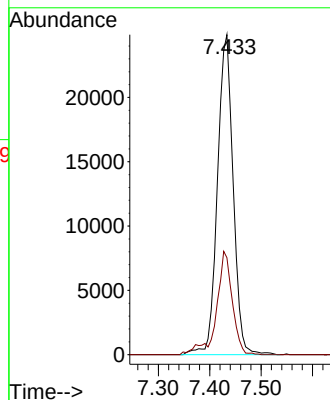
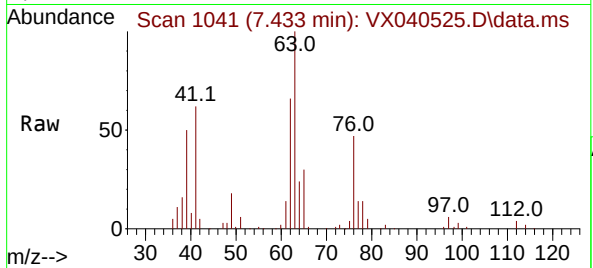
#45
1,2-Dichloropropane
Concen: 48.368 ug/l
RT: 7.433 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VX040525.D
Acq: 28 Feb 2024 20:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 5279
Ion Ratio Lower Upper
63 100
65 30.3 24.3 36.5

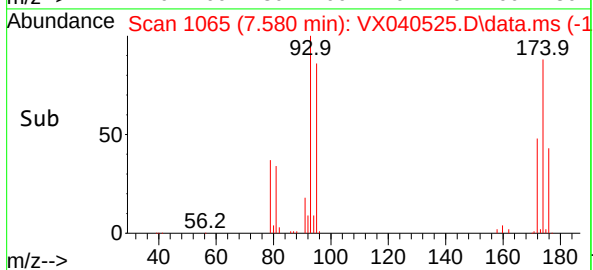
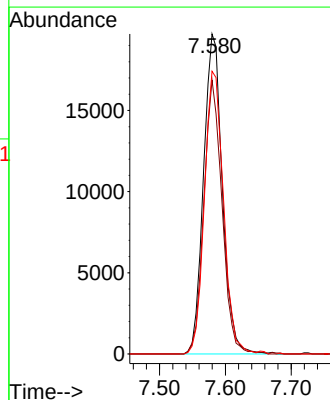
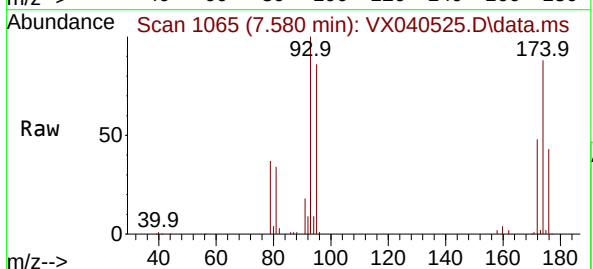
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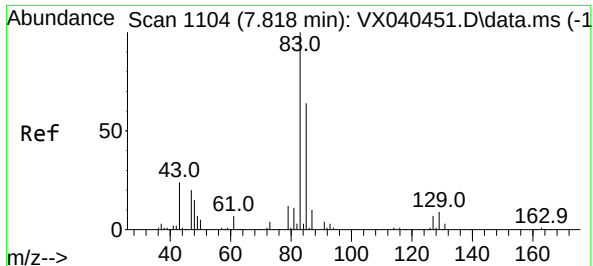
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#46
Dibromomethane
Concen: 48.872 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX040525.D
Acq: 28 Feb 2024 20:38

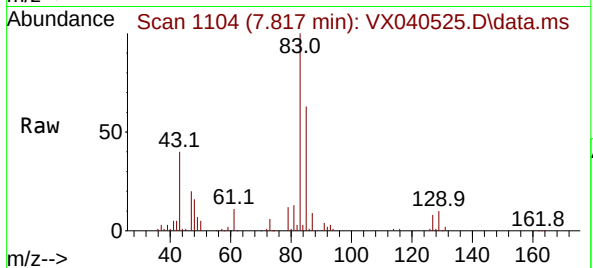
Tgt Ion: 93 Resp: 39216
Ion Ratio Lower Upper
93 100
95 82.8 66.6 100.0
174 89.1 69.4 104.0





#47
Bromodichloromethane
Concen: 49.228 ug/l
RT: 7.817 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX040525.D
Acq: 28 Feb 2024 20:38

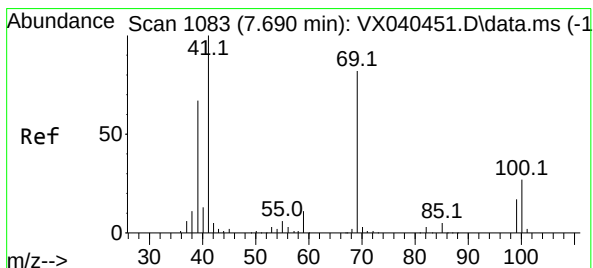
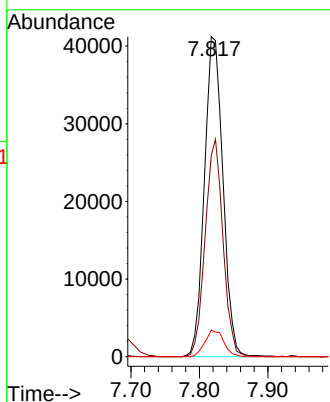
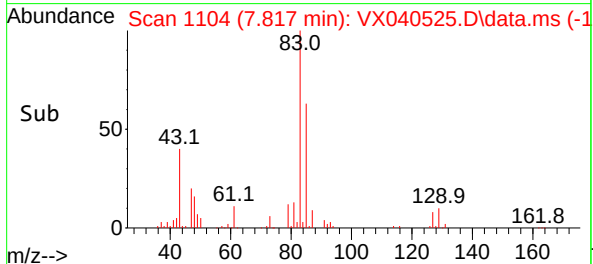
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



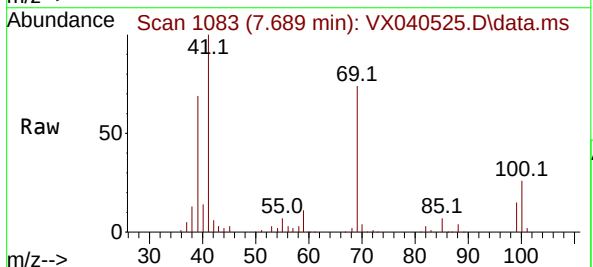
Tgt Ion: 83 Resp: 77776
Ion Ratio Lower Upper
83 100
85 63.0 49.8 74.6
127 8.3 7.1 10.7

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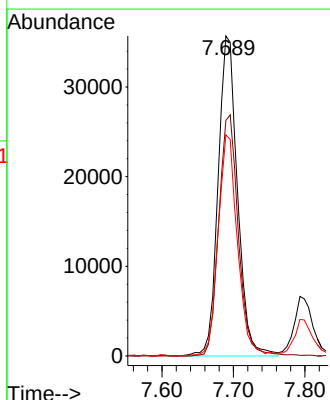
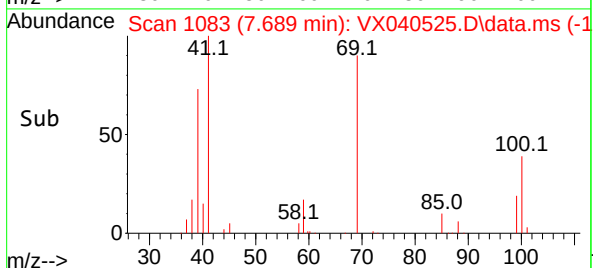
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024

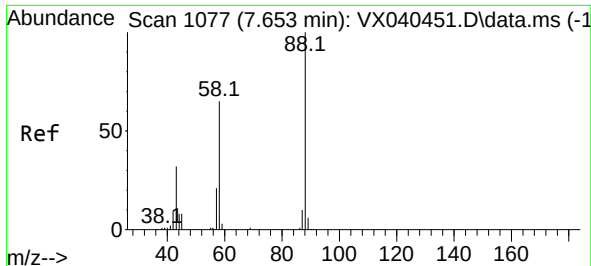


#48
Methyl methacrylate
Concen: 52.015 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX040525.D
Acq: 28 Feb 2024 20:38



Tgt Ion: 41 Resp: 67249
Ion Ratio Lower Upper
41 100
69 76.2 59.2 88.8
39 69.0 47.7 71.5





#49

1,4-Dioxane

Concen: 1096.202 ug/l

RT: 7.653 min Scan# 1077

Delta R.T. -0.000 min

Lab File: VX040525.D

Acq: 28 Feb 2024 20:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

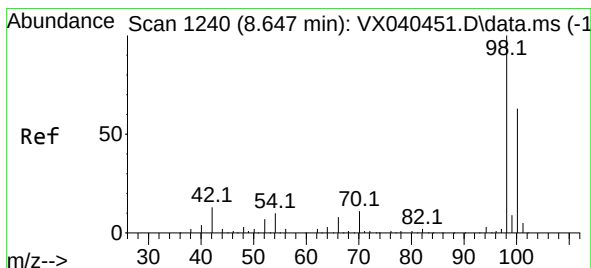
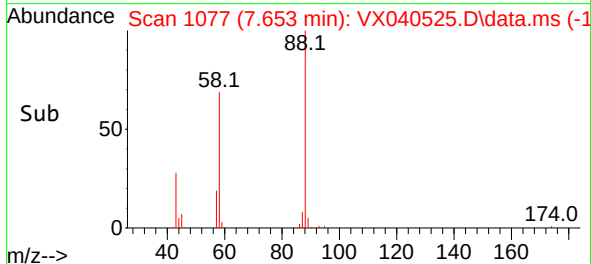
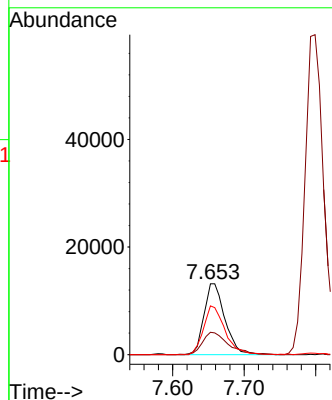
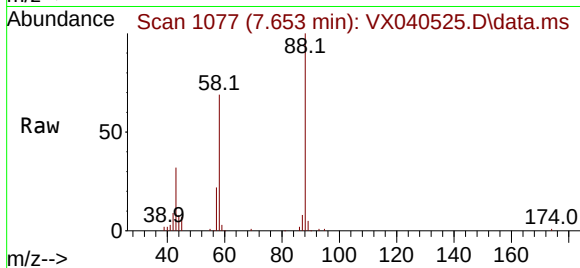
Tgt Ion: 88 Resp: 26810
 Ion Ratio Lower Upper
 88 100
 43 39.2 0.0 0.0
 58 70.4 60.1 90.1

Manual Integrations

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Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#50

Toluene-d8

Concen: 49.541 ug/l

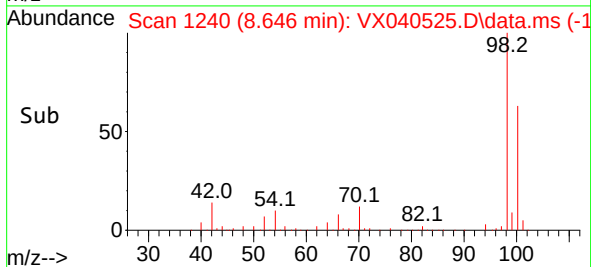
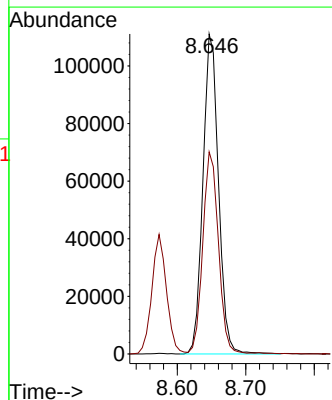
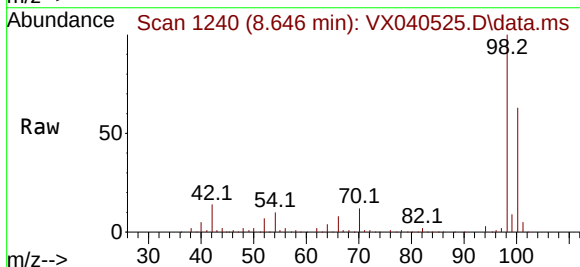
RT: 8.646 min Scan# 1240

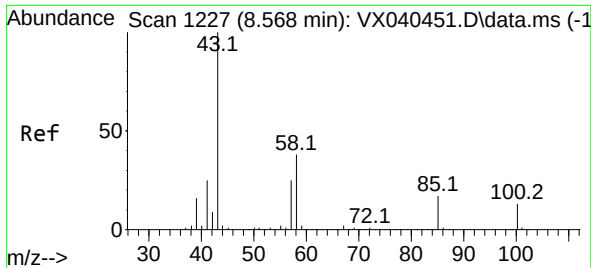
Delta R.T. -0.000 min

Lab File: VX040525.D

Acq: 28 Feb 2024 20:38

Tgt Ion: 98 Resp: 175812
 Ion Ratio Lower Upper
 98 100
 100 63.6 53.1 79.7





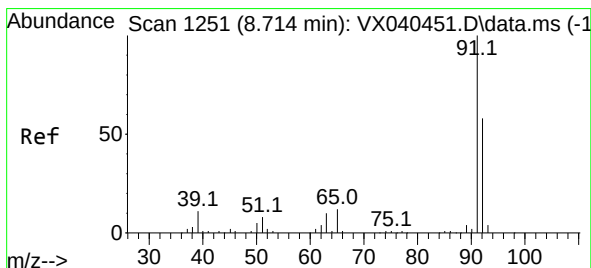
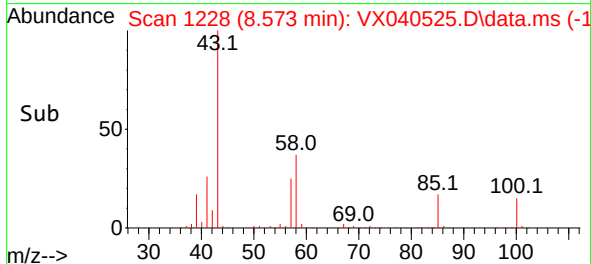
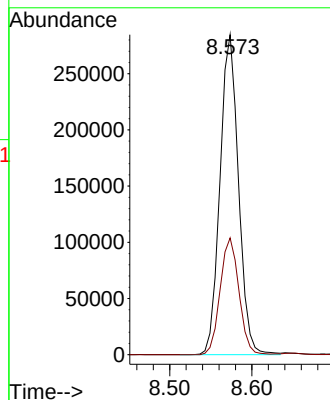
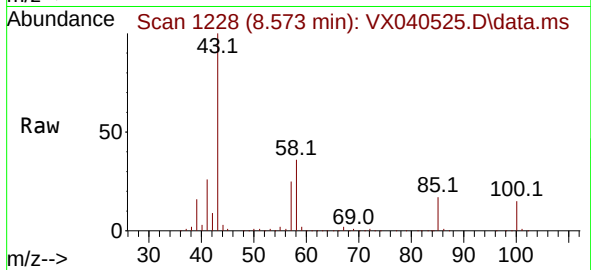
#51
4-Methyl-2-Pentanone
Concen: 260.694 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VX040525.D
Acq: 28 Feb 2024 20:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 445844
Ion Ratio Lower Upper
43 100
58 36.9 30.4 45.6

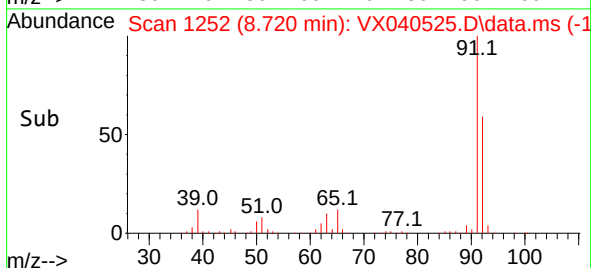
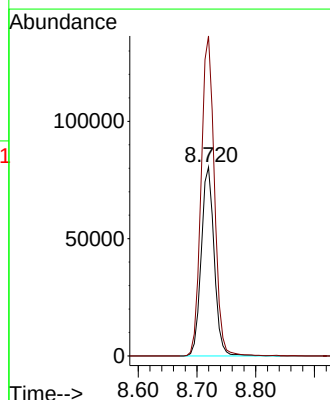
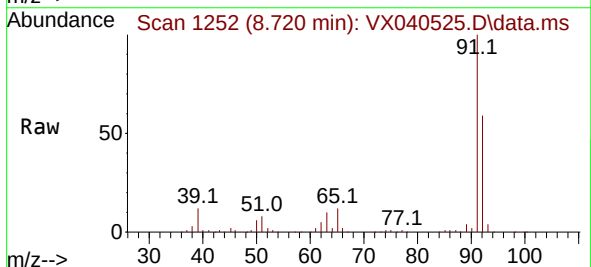
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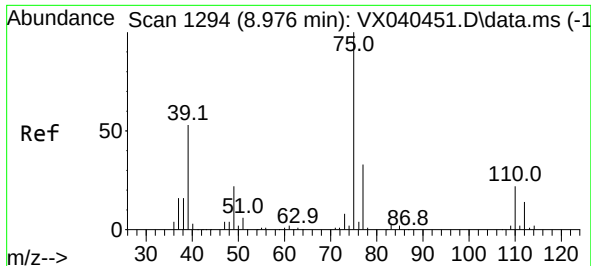
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#52
Toluene
Concen: 49.191 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX040525.D
Acq: 28 Feb 2024 20:38

Tgt Ion: 92 Resp: 123116
Ion Ratio Lower Upper
92 100
91 173.6 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 49.971 ug/l
RT: 8.976 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VX040525.D
Acq: 28 Feb 2024 20:38

Instrument :

MSVOA_X

ClientSampleId :

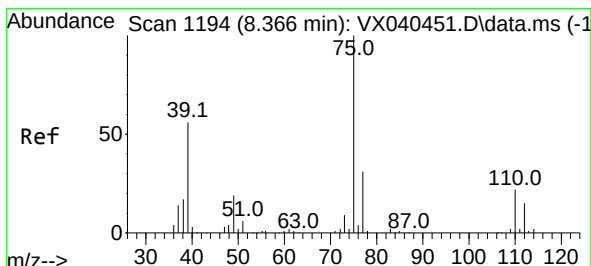
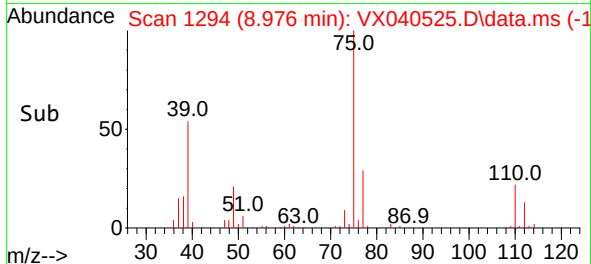
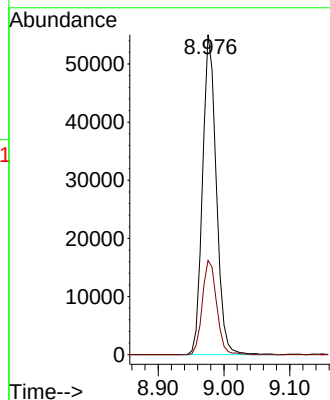
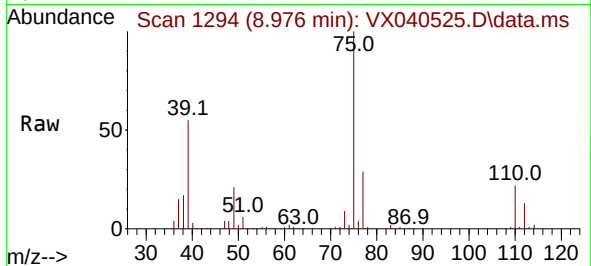
VSTDCCC050EC

Tgt Ion: 75 Resp: 8012
Ion Ratio Lower Upper
75 100
77 29.4 25.7 38.5

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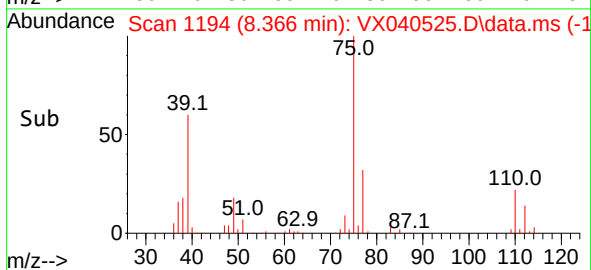
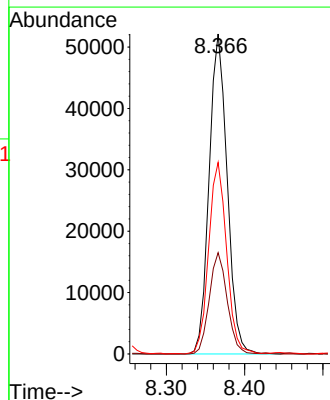
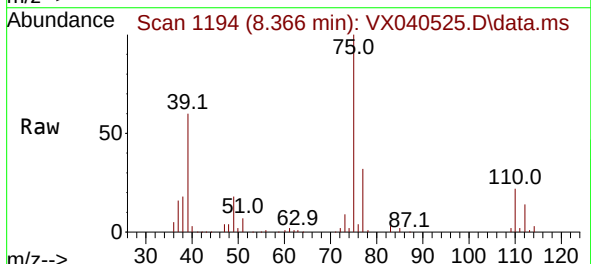
APPROVED

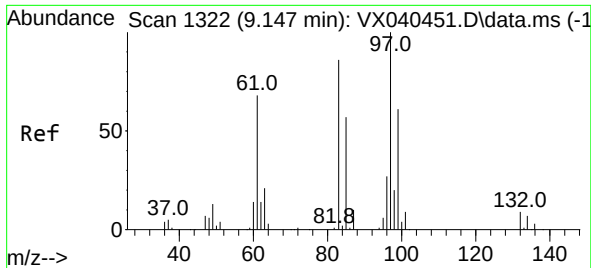
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#54
cis-1,3-Dichloropropene
Concen: 48.430 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX040525.D
Acq: 28 Feb 2024 20:38

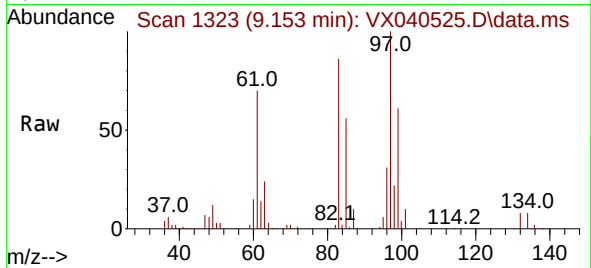
Tgt Ion: 75 Resp: 83468
Ion Ratio Lower Upper
75 100
77 31.7 25.3 37.9
39 59.8 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 50.883 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX040525.D
Acq: 28 Feb 2024 20:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

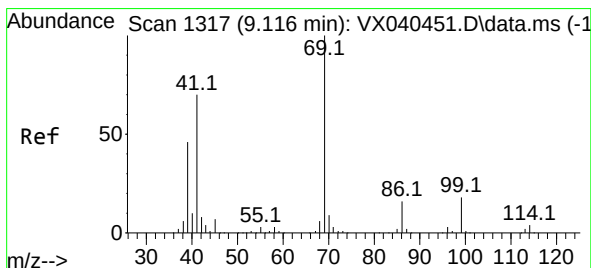
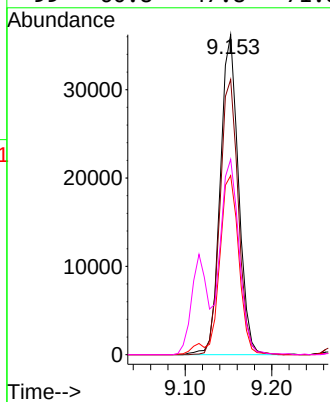
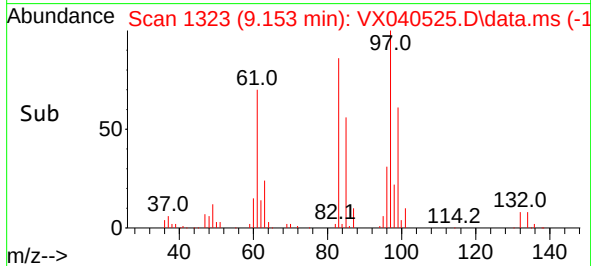


Tgt Ion: 97 Resp: 52850

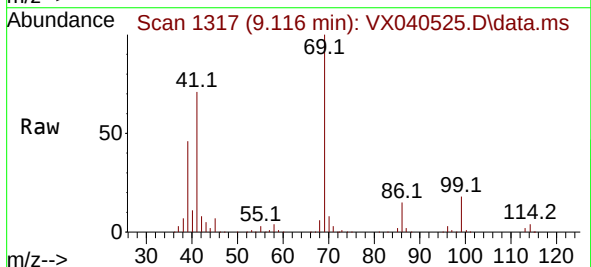
Ion	Ratio	Lower	Upper
97	100		
83	86.0	65.8	98.8
85	55.8	41.6	62.4
99	60.8	47.8	71.8

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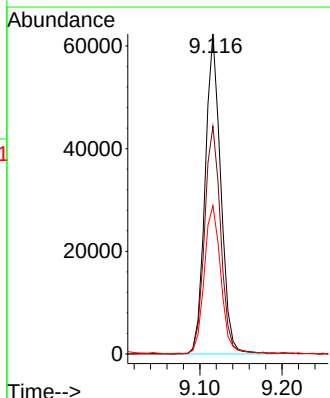
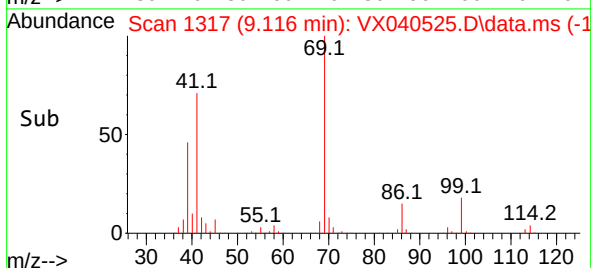


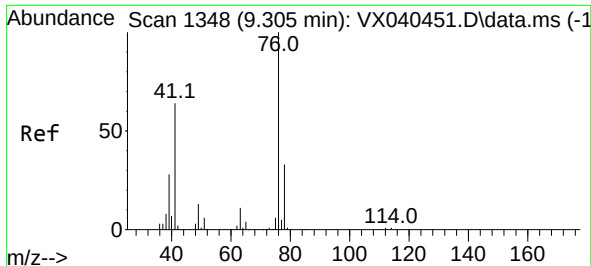
#56
Ethyl methacrylate
Concen: 51.318 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX040525.D
Acq: 28 Feb 2024 20:38



Tgt Ion: 69 Resp: 82412

Ion	Ratio	Lower	Upper
69	100		
41	74.1	56.8	85.2
39	49.1	32.0	48.0





#57

1,3-Dichloropropane

Concen: 49.031 ug/l

RT: 9.311 min Scan# 11349

Delta R.T. 0.006 min

Lab File: VX040525.D

Acq: 28 Feb 2024 20:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 8870

Ion Ratio Lower Upper

76 100

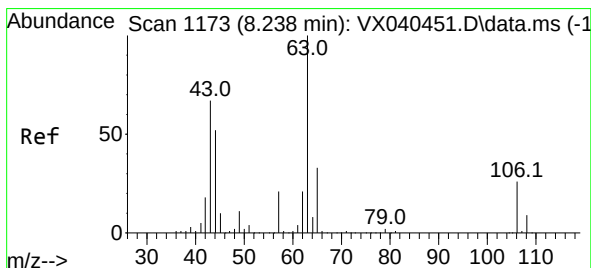
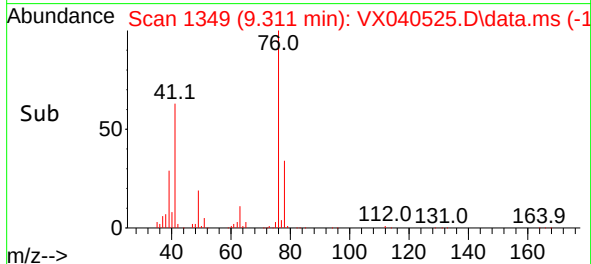
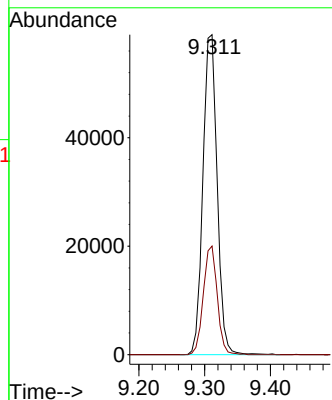
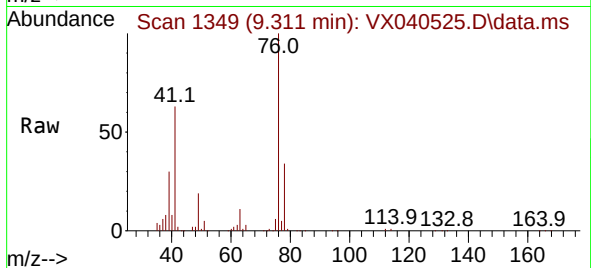
78 33.2 26.1 39.1

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Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#58

2-Chloroethyl Vinyl ether

Concen: 252.780 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX040525.D

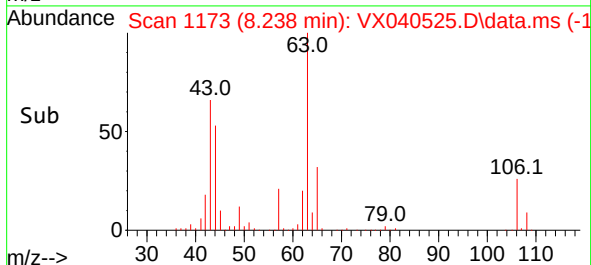
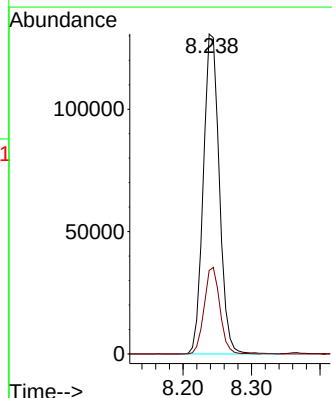
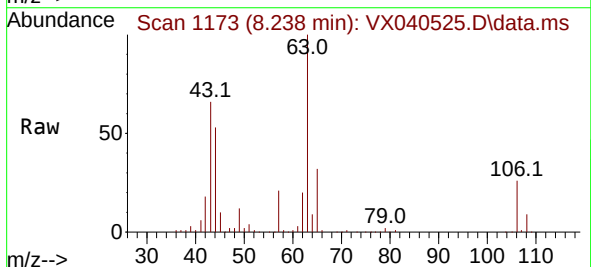
Acq: 28 Feb 2024 20:38

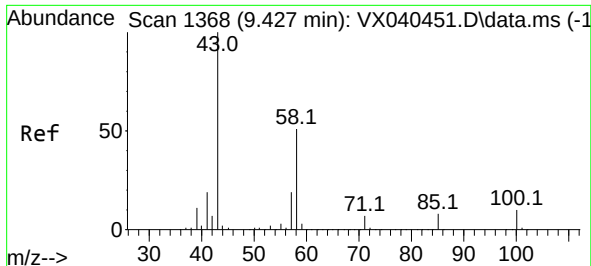
Tgt Ion: 63 Resp: 212847

Ion Ratio Lower Upper

63 100

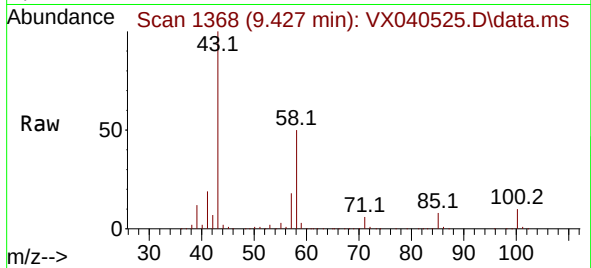
106 26.6 22.5 33.7





#59
2-Hexanone
Concen: 270.231 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX040525.D
Acq: 28 Feb 2024 20:38

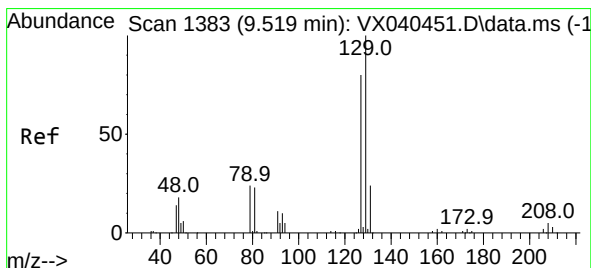
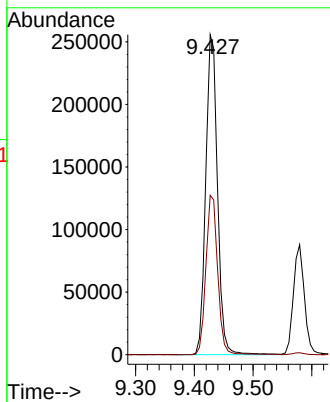
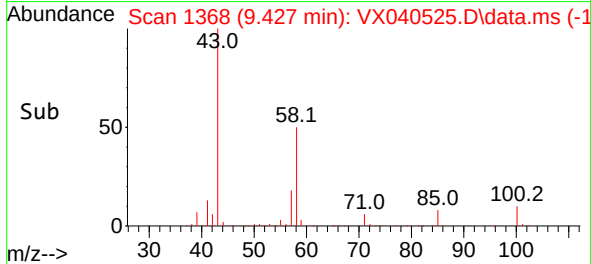
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 35532
Ion Ratio Lower Upper
43 100
58 50.0 26.2 78.5

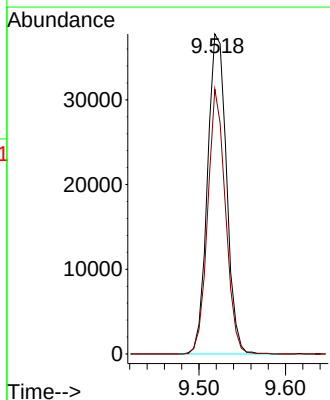
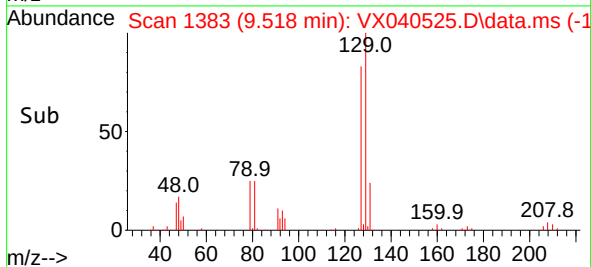
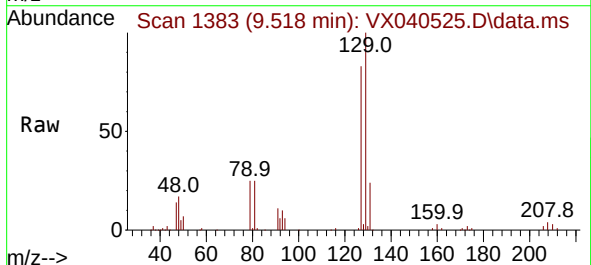
Manual Integrations
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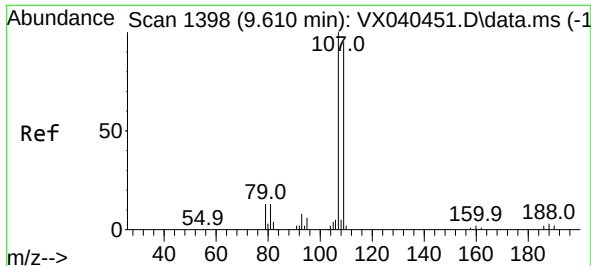
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#60
Dibromochloromethane
Concen: 50.982 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX040525.D
Acq: 28 Feb 2024 20:38

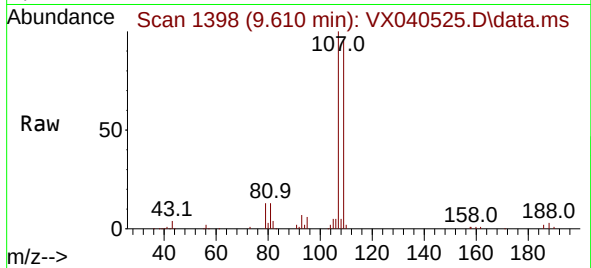
Tgt Ion:129 Resp: 57516
Ion Ratio Lower Upper
129 100
127 77.4 38.8 116.4





#61
1,2-Dibromoethane
Concen: 50.336 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX040525.D
Acq: 28 Feb 2024 20:38

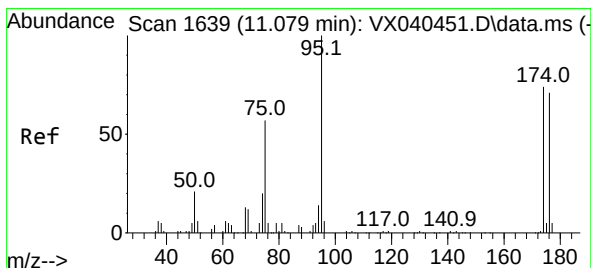
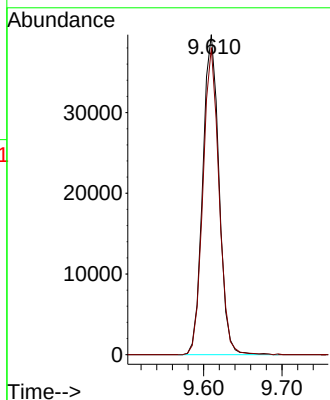
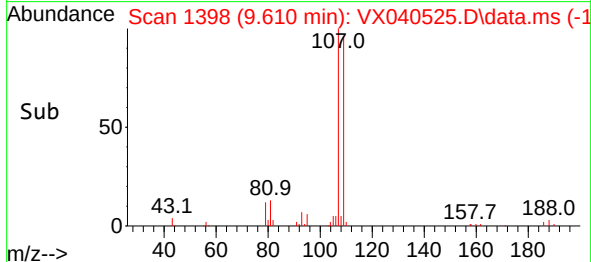
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 5705
Ion Ratio Lower Upper
107 100
109 94.6 75.2 112.8

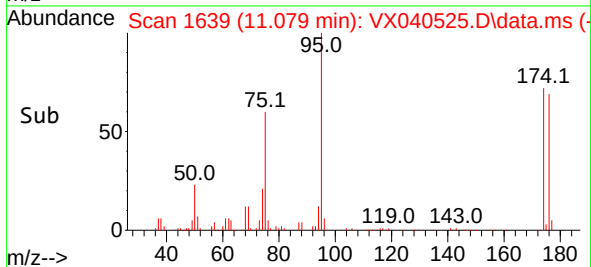
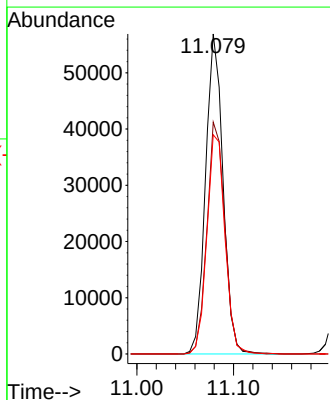
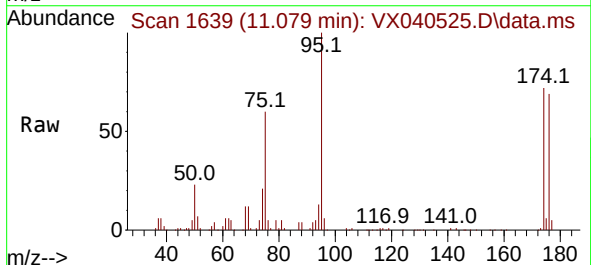
Manual Integrations
APPROVED

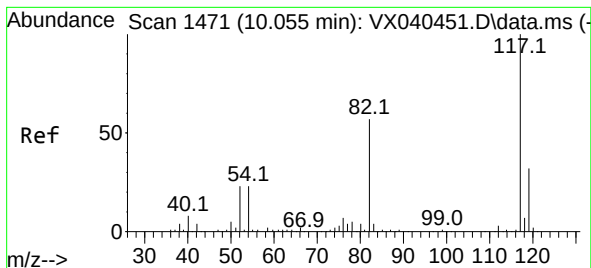
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#62
4-Bromofluorobenzene
Concen: 52.776 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040525.D
Acq: 28 Feb 2024 20:38

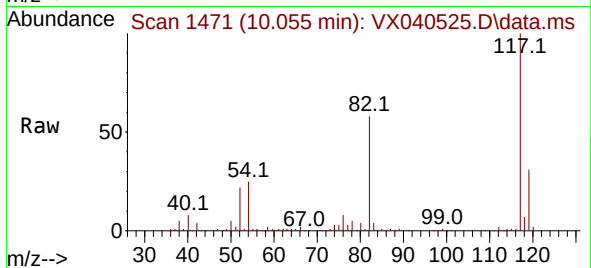
Tgt Ion: 95 Resp: 71394
Ion Ratio Lower Upper
95 100
174 74.6 0.0 135.6
176 71.2 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040525.D
Acq: 28 Feb 2024 20:38

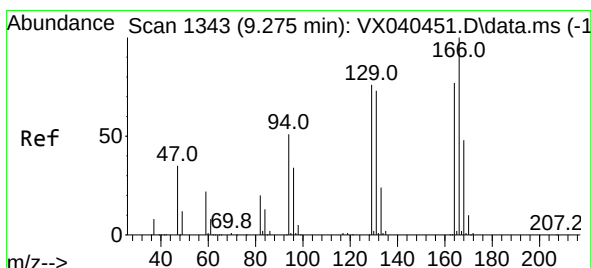
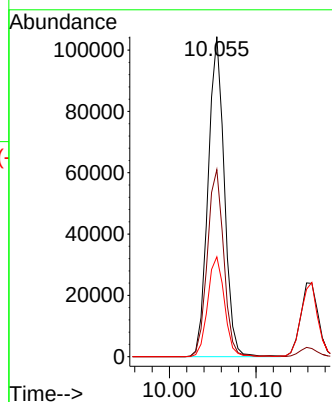
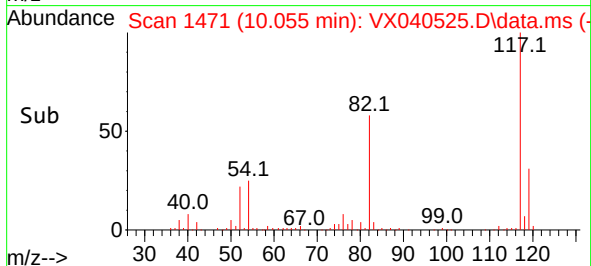
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 13552
Ion Ratio Lower Upper
117 100
82 58.4 46.2 69.4
119 31.2 25.5 38.3

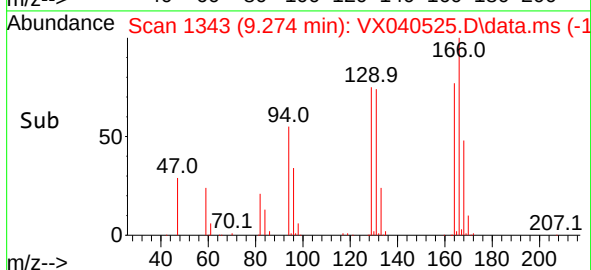
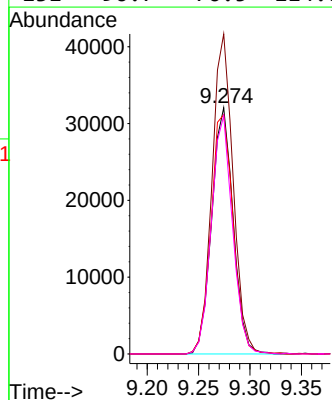
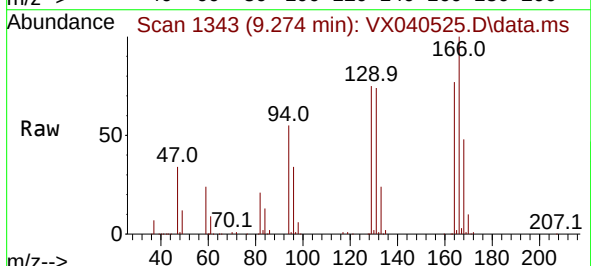
Manual Integrations
APPROVED

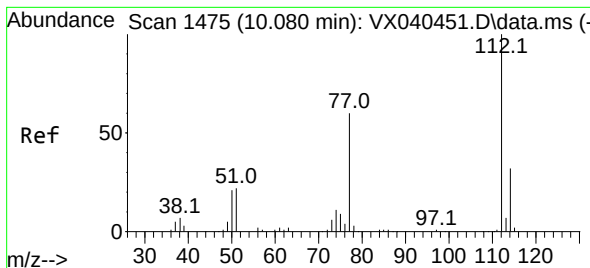
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#64
Tetrachloroethene
Concen: 48.883 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX040525.D
Acq: 28 Feb 2024 20:38

Tgt Ion:164 Resp: 46509
Ion Ratio Lower Upper
164 100
166 129.9 102.7 154.1
129 97.1 80.4 120.6
131 96.7 76.5 114.7





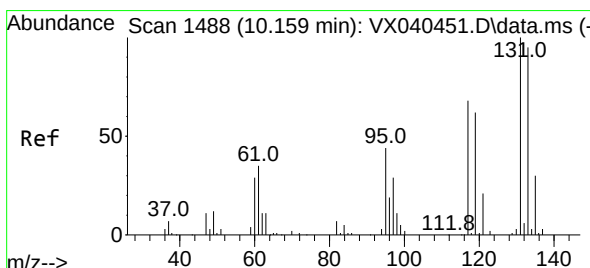
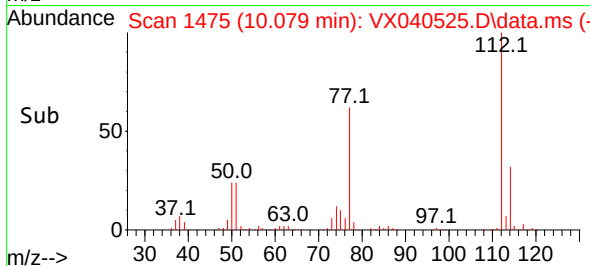
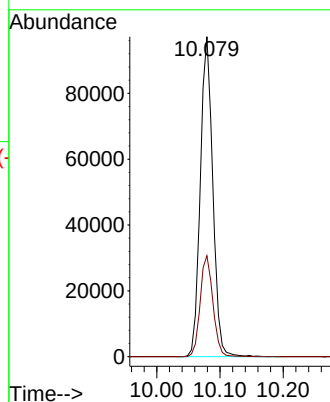
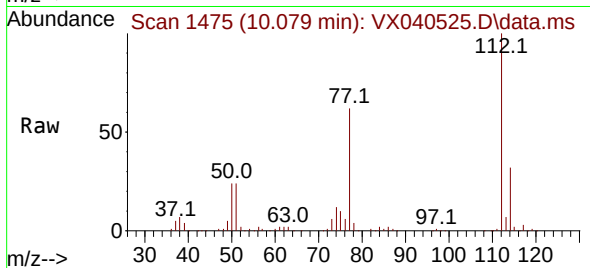
#65
Chlorobenzene
Concen: 46.318 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX040525.D
Acq: 28 Feb 2024 20:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 13351
Ion Ratio Lower Upper
112 100
114 31.6 25.7 38.5

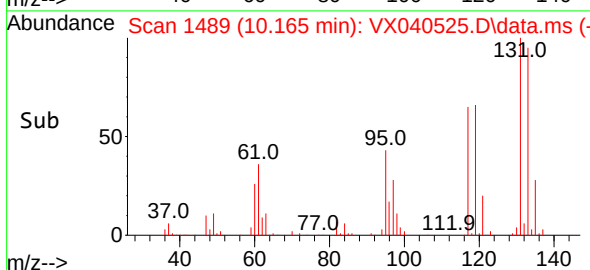
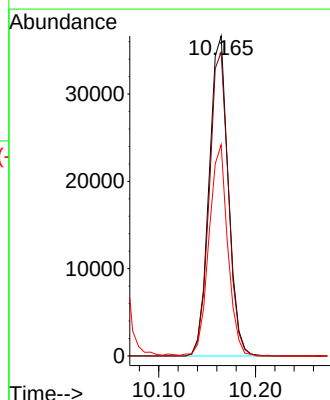
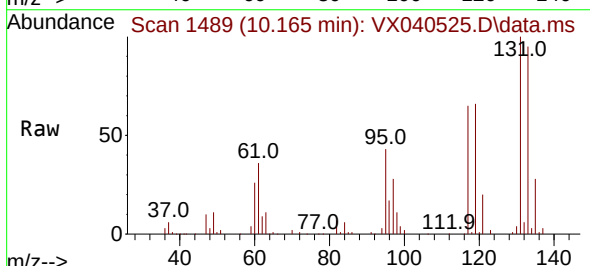
Manual Integrations
APPROVED

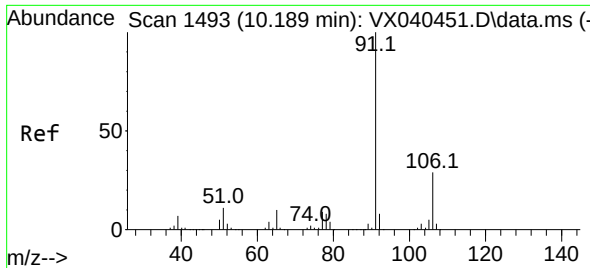
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 49.662 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX040525.D
Acq: 28 Feb 2024 20:38

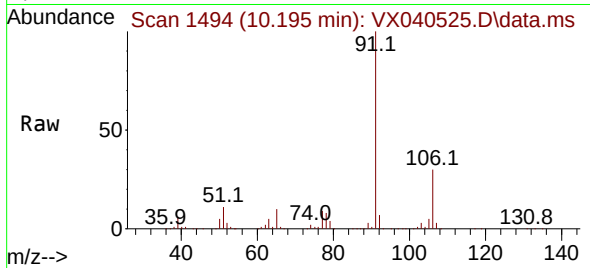
Tgt Ion:131 Resp: 50450
Ion Ratio Lower Upper
131 100
133 94.8 47.1 141.4
119 64.6 32.2 96.6





#67
Ethyl Benzene
Concen: 47.792 ug/l
RT: 10.195 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VX040525.D
Acq: 28 Feb 2024 20:38

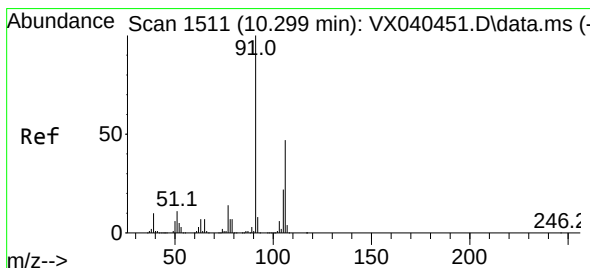
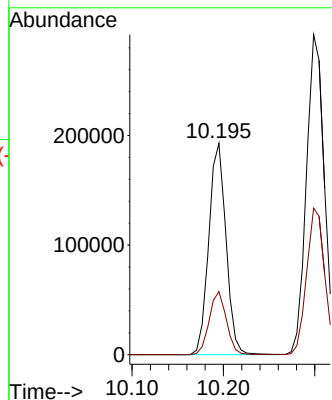
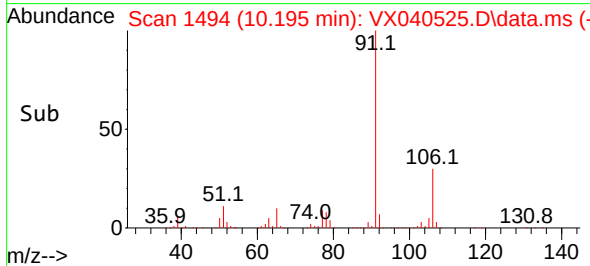
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



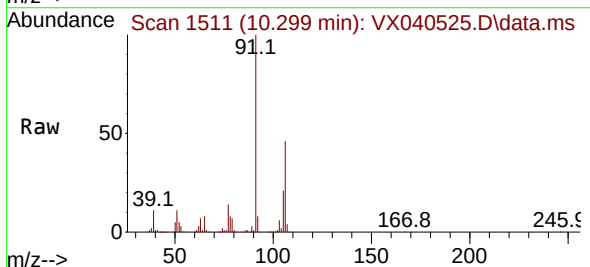
Tgt Ion: 91 Resp: 25218
Ion Ratio Lower Upper
91 100
106 29.8 24.9 37.3

Manual Integrations
APPROVED

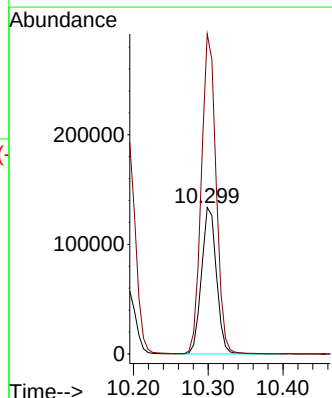
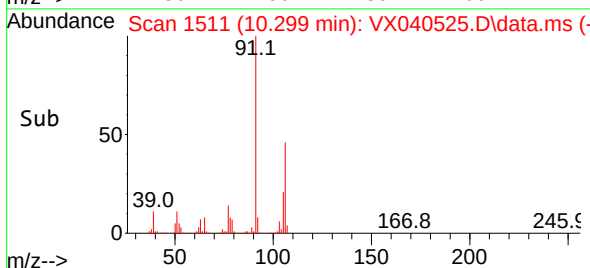
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024

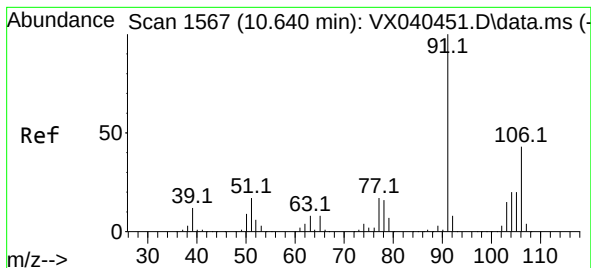


#68
m/p-Xylenes
Concen: 93.966 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX040525.D
Acq: 28 Feb 2024 20:38



Tgt Ion:106 Resp: 185152
Ion Ratio Lower Upper
106 100
91 215.6 165.5 248.3





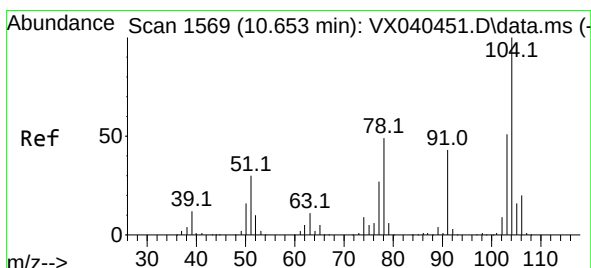
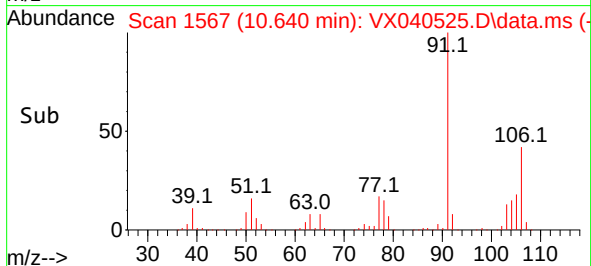
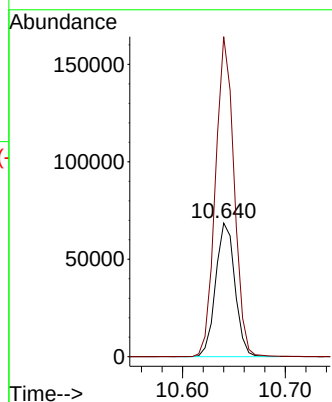
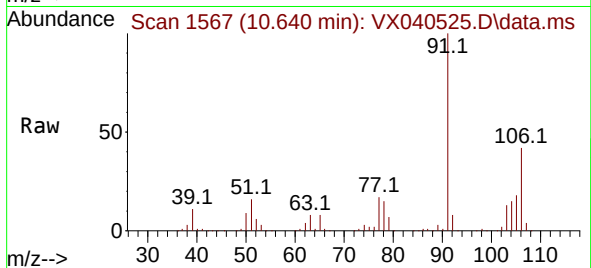
#69
o-Xylene
Concen: 47.328 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX040525.D
Acq: 28 Feb 2024 20:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 89193
Ion Ratio Lower Upper
106 100
91 232.0 108.9 326.8

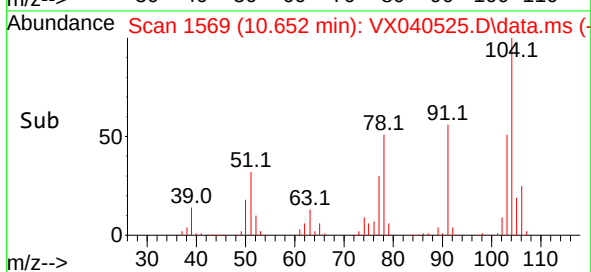
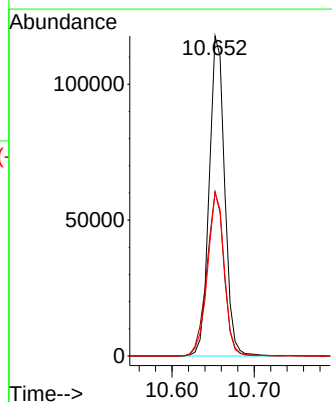
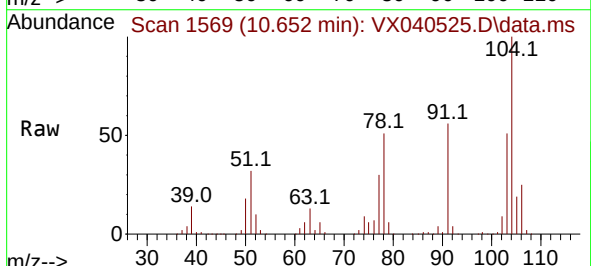
Manual Integrations
APPROVED

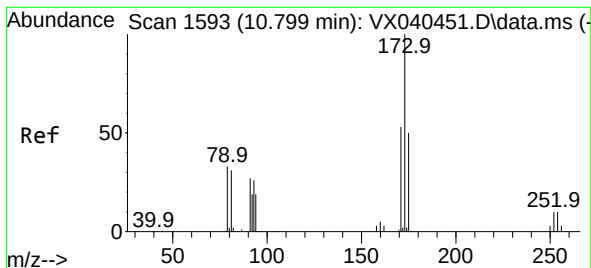
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#70
Styrene
Concen: 49.000 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX040525.D
Acq: 28 Feb 2024 20:38

Tgt Ion:104 Resp: 153940
Ion Ratio Lower Upper
104 100
78 56.8 43.6 65.4
103 55.4 43.6 65.4





#71

Bromoform

Concen: 50.512 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040525.D

Acq: 28 Feb 2024 20:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

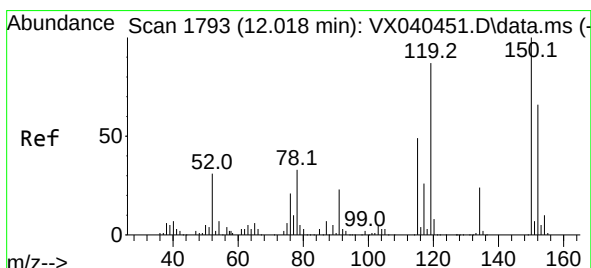
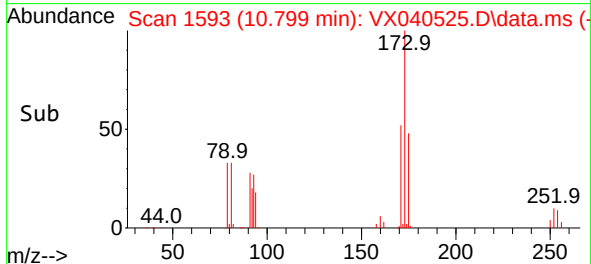
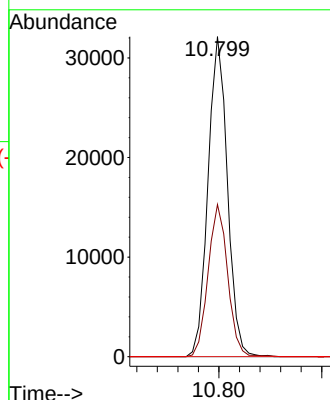
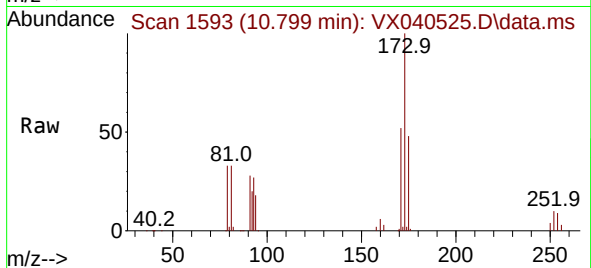
Tgt Ion:	173	Resp:	42004
Ion Ratio	Lower	Upper	
173	100		
175	48.1	24.1	72.4
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

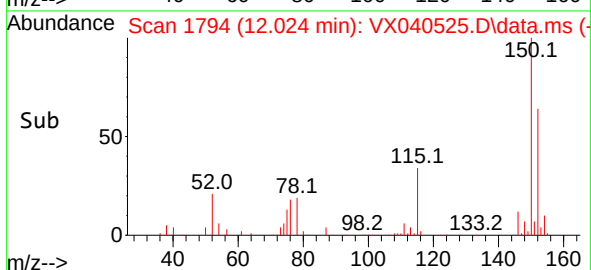
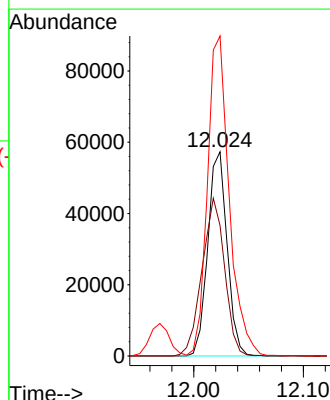
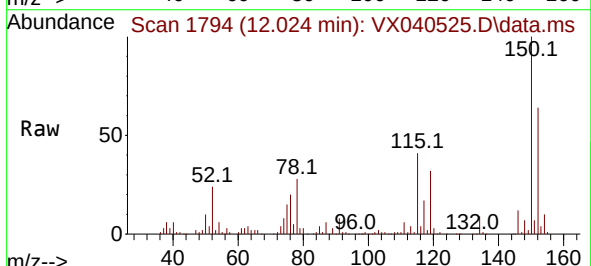
RT: 12.024 min Scan# 1794

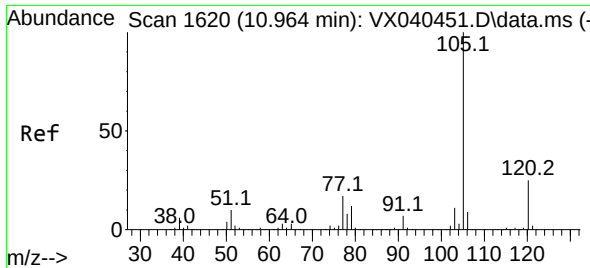
Delta R.T. 0.006 min

Lab File: VX040525.D

Acq: 28 Feb 2024 20:38

Tgt Ion:	152	Resp:	70130
Ion Ratio	Lower	Upper	
152	100		
115	90.2	43.3	129.9
150	176.5	0.0	345.0





#73
Isopropylbenzene
Concen: 48.166 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX040525.D
Acq: 28 Feb 2024 20:38

Instrument :

MSVOA_X

ClientSampleId :

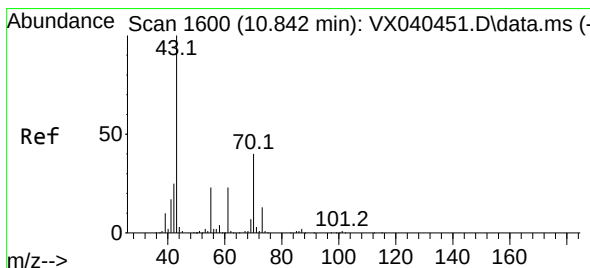
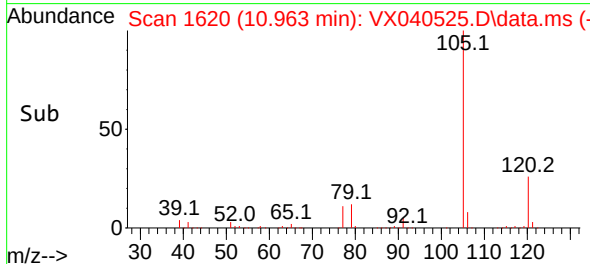
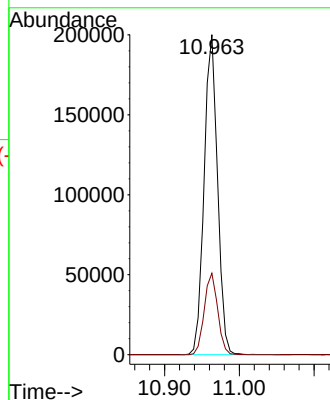
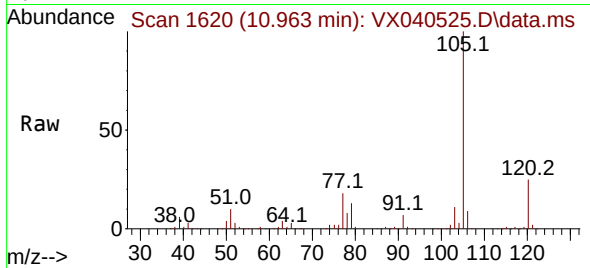
VSTDCCC050EC

Tgt Ion:105 Resp: 248760
Ion Ratio Lower Upper
105 100
120 25.5 12.9 38.6

Manual Integrations

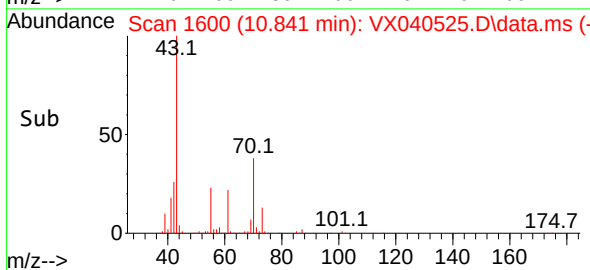
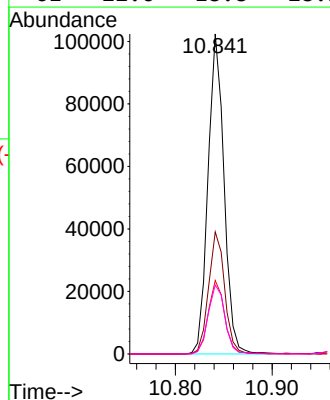
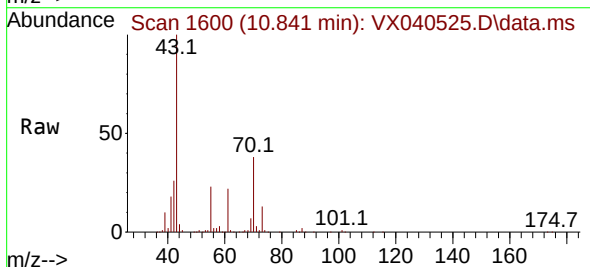
APPROVED

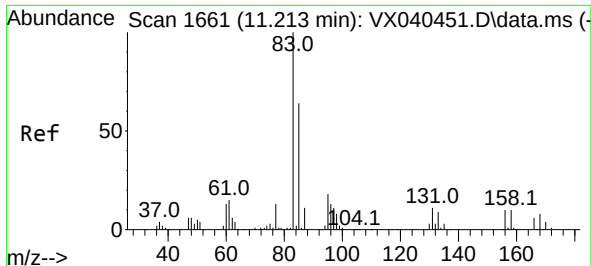
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#74
N-ethyl acetate
Concen: 49.141 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX040525.D
Acq: 28 Feb 2024 20:38

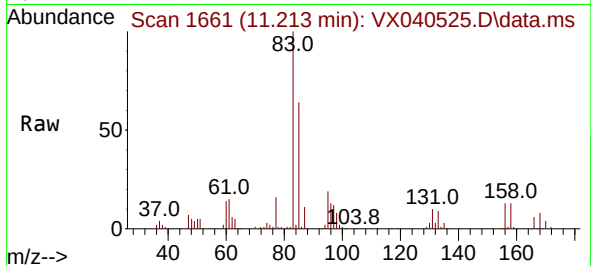
Tgt Ion: 43 Resp: 117875
Ion Ratio Lower Upper
43 100
70 38.6 32.9 49.3
55 23.4 19.3 28.9
61 22.6 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 47.393 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX040525.D
Acq: 28 Feb 2024 20:38

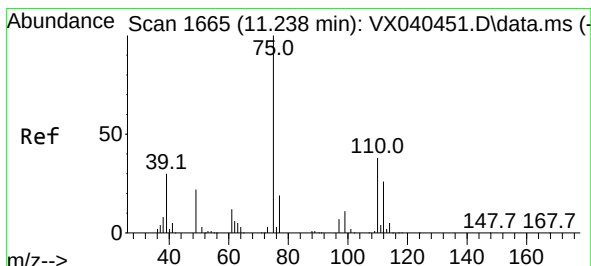
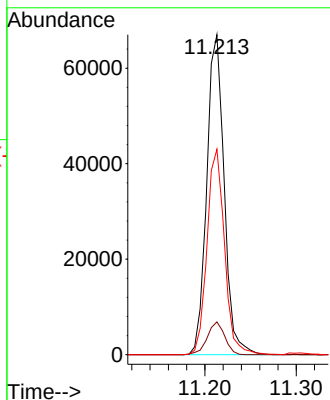
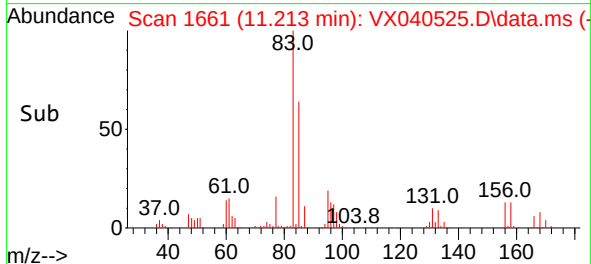
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



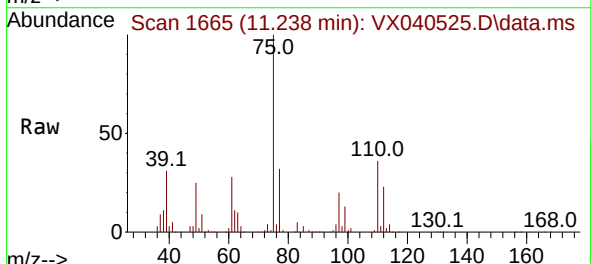
Tgt Ion: 83 Resp: 8852
Ion Ratio Lower Upper
83 100
131 10.2 5.3 15.8
85 64.5 32.0 96.2

Manual Integrations
APPROVED

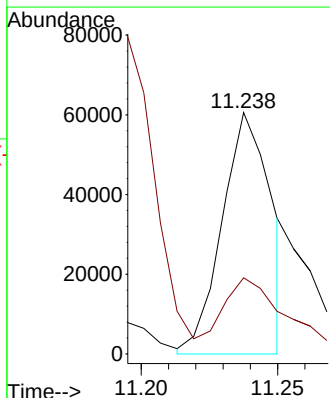
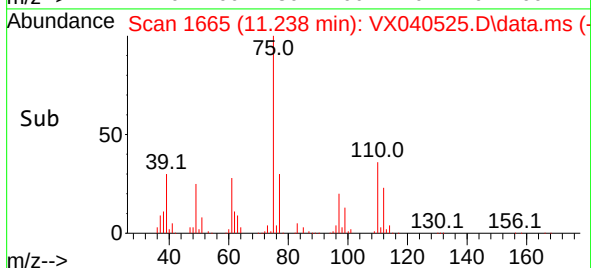
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024

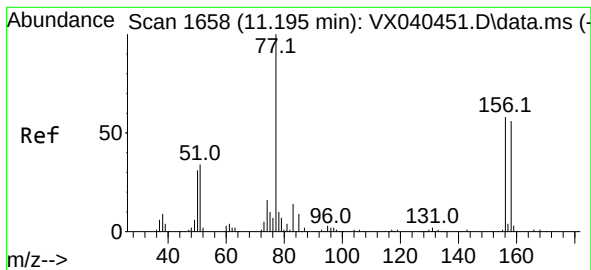


#76
1,2,3-Trichloropropane
Concen: 48.927 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX040525.D
Acq: 28 Feb 2024 20:38



Tgt Ion: 75 Resp: 75516
Ion Ratio Lower Upper
75 100
77 41.7 19.1 57.5





#77

Bromobenzene

Concen: 46.974 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX040525.D

Acq: 28 Feb 2024 20:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:156 Resp: 5736

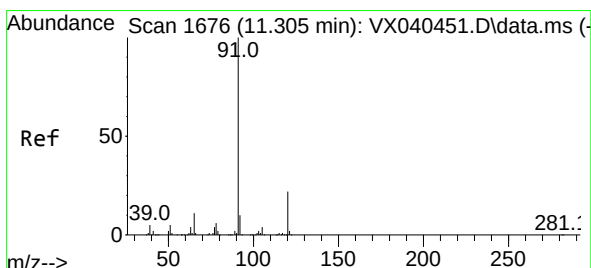
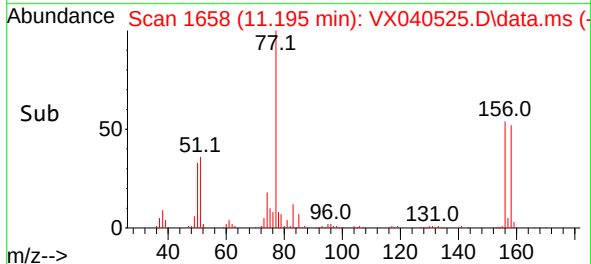
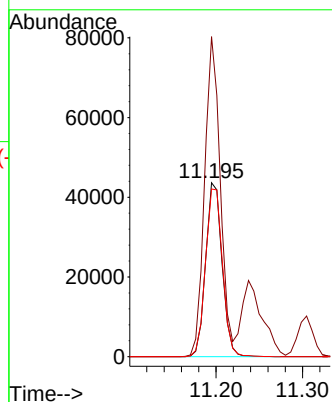
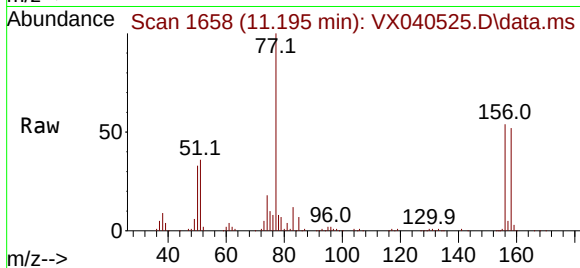
Ion	Ratio	Lower	Upper
156	100		
77	175.6	88.4	265.3
158	100.3	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#78

n-propylbenzene

Concen: 46.820 ug/l

RT: 11.305 min Scan# 1676

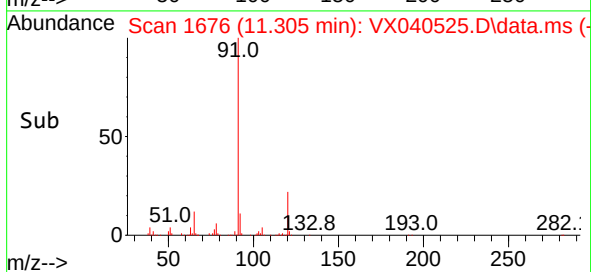
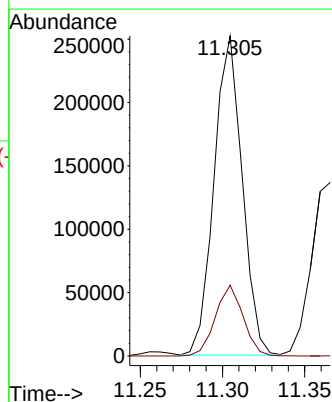
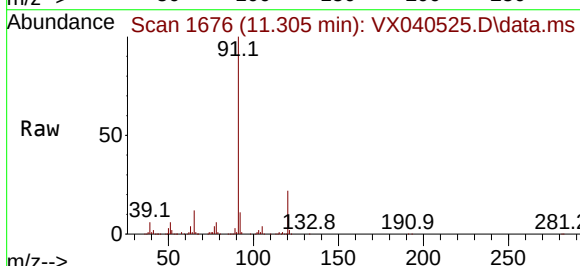
Delta R.T. -0.000 min

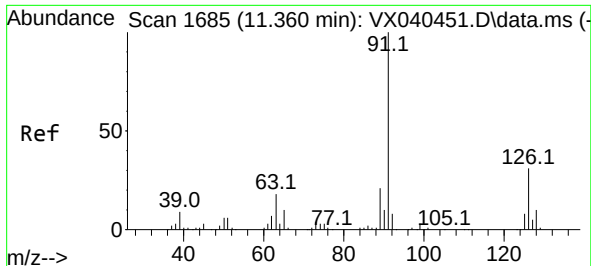
Lab File: VX040525.D

Acq: 28 Feb 2024 20:38

Tgt Ion: 91 Resp: 299942

Ion	Ratio	Lower	Upper
91	100		
120	21.8	11.5	34.4





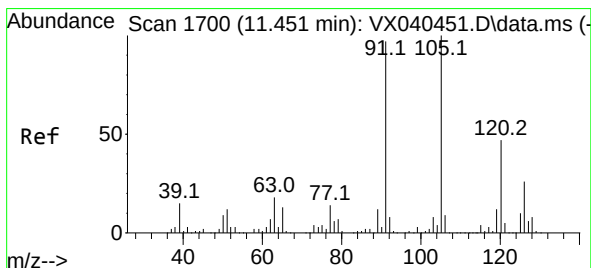
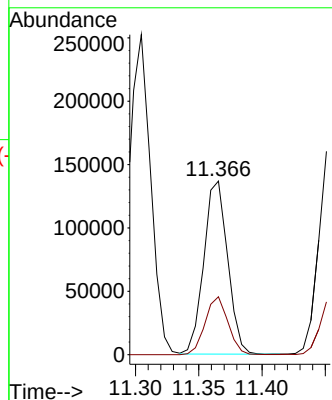
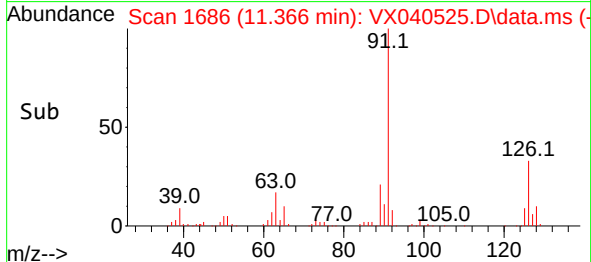
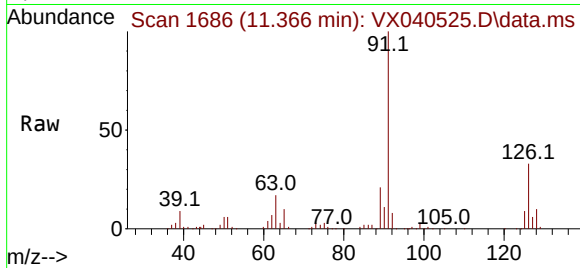
#79
2-Chlorotoluene
Concen: 46.416 ug/l
RT: 11.366 min Scan# 1700
Delta R.T. 0.006 min
Lab File: VX040525.D
Acq: 28 Feb 2024 20:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 179000
Ion Ratio Lower Upper
91 100
126 32.2 16.3 48.8

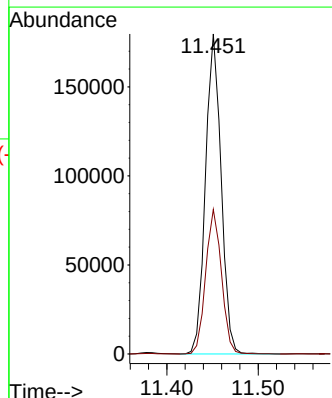
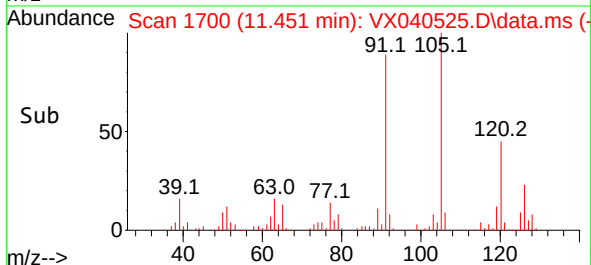
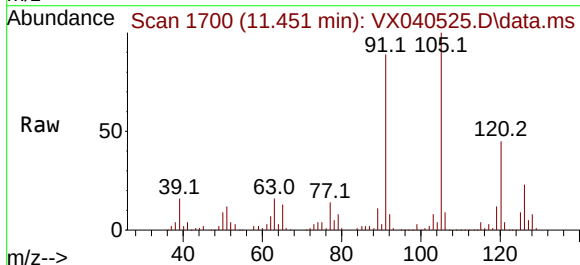
Manual Integrations
APPROVED

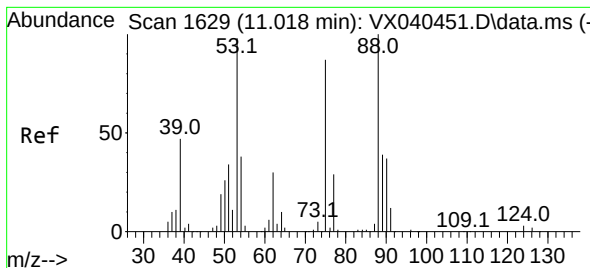
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#80
1,3,5-Trimethylbenzene
Concen: 48.456 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX040525.D
Acq: 28 Feb 2024 20:38

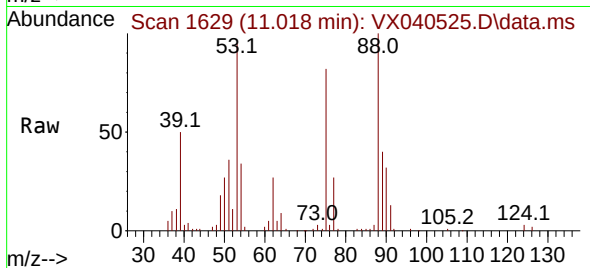
Tgt Ion:105 Resp: 212841
Ion Ratio Lower Upper
105 100
120 45.6 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 45.857 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX040525.D
Acq: 28 Feb 2024 20:38

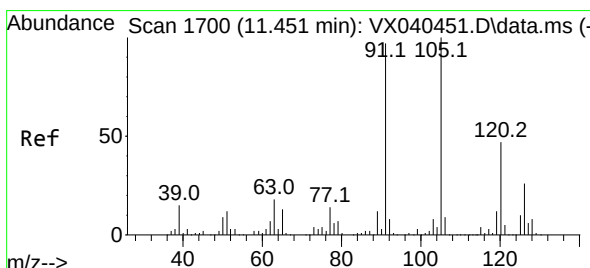
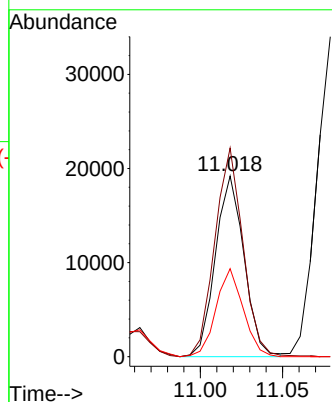
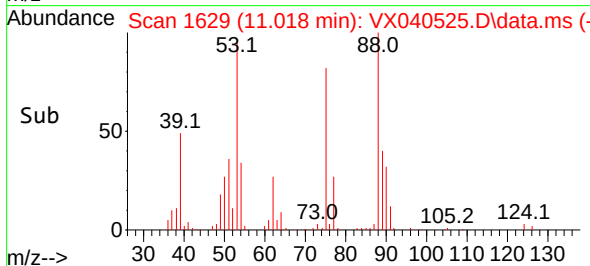
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 23270
Ion Ratio Lower Upper
75 100
53 113.5 90.5 135.7
89 46.2 36.9 55.3

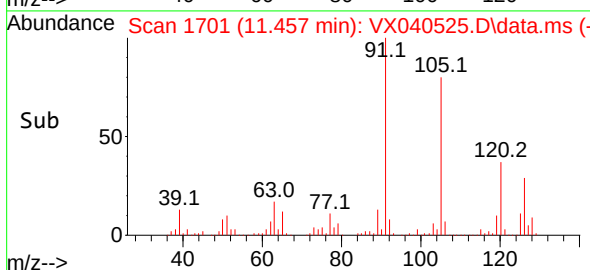
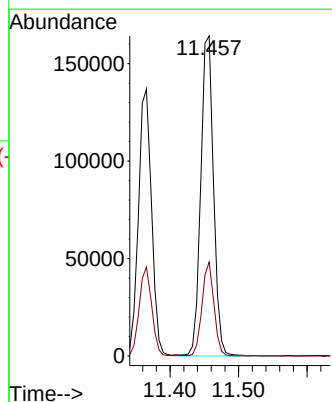
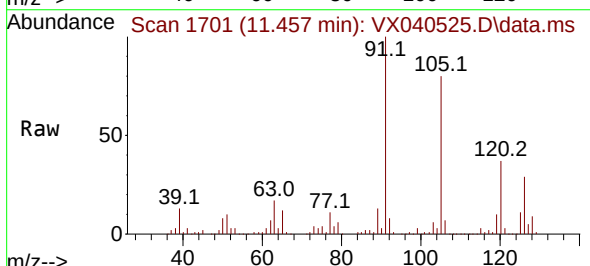
Manual Integrations
APPROVED

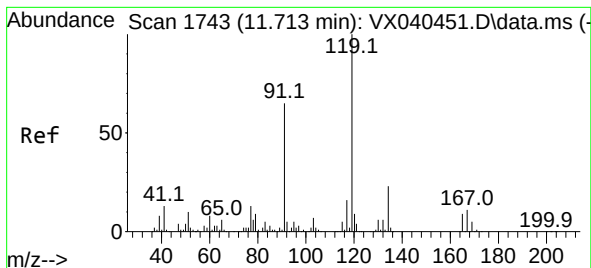
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#82
4-Chlorotoluene
Concen: 47.892 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX040525.D
Acq: 28 Feb 2024 20:38

Tgt Ion: 91 Resp: 213582
Ion Ratio Lower Upper
91 100
126 27.4 14.2 42.6





#83

tert-Butylbenzene

Concen: 48.209 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX040525.D

Acq: 28 Feb 2024 20:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:119 Resp: 199638

Ion Ratio Lower Upper

119 100

91 65.7 31.2 93.6

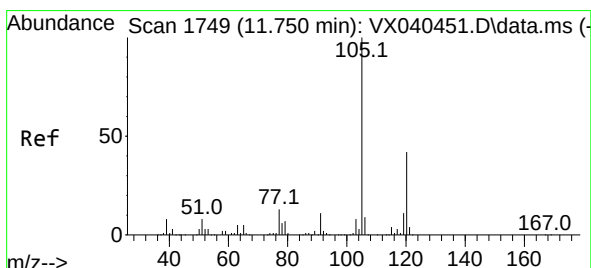
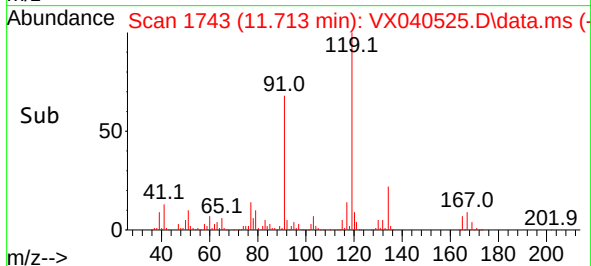
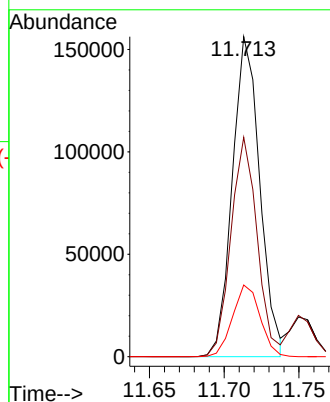
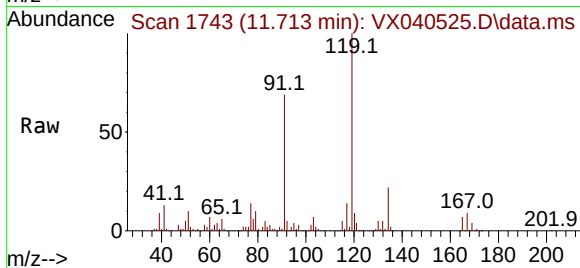
134 22.5 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#84

1,2,4-Trimethylbenzene

Concen: 48.854 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX040525.D

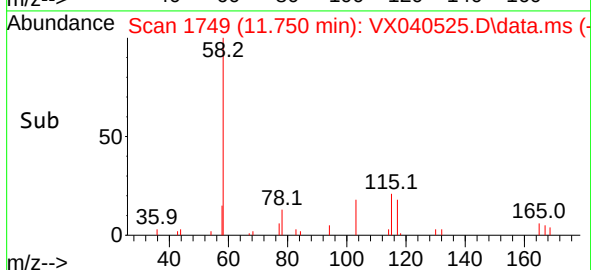
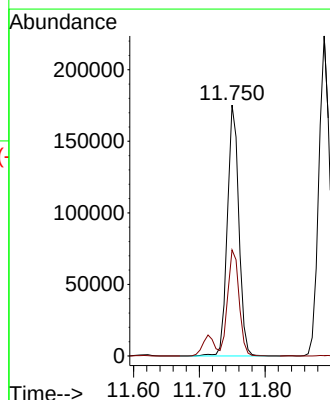
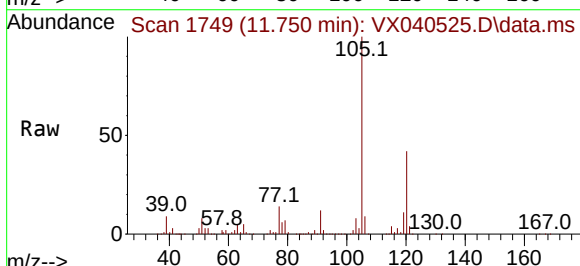
Acq: 28 Feb 2024 20:38

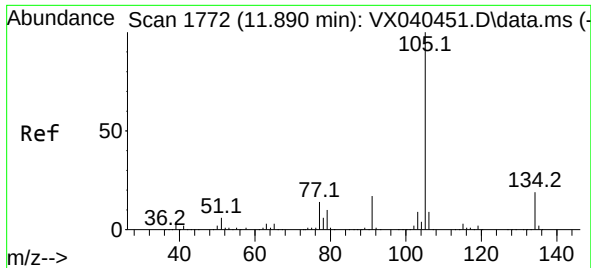
Tgt Ion:105 Resp: 212910

Ion Ratio Lower Upper

105 100

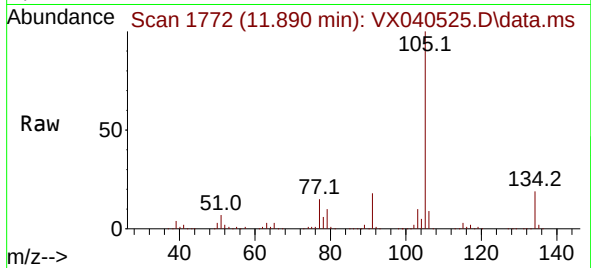
120 42.0 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 48.051 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX040525.D
 Acq: 28 Feb 2024 20:38

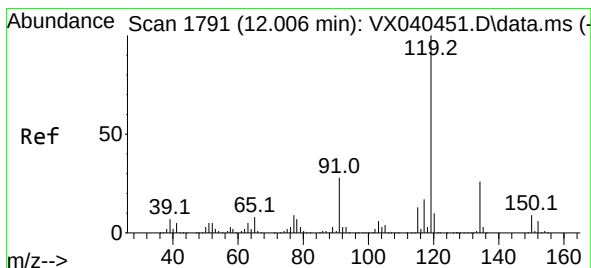
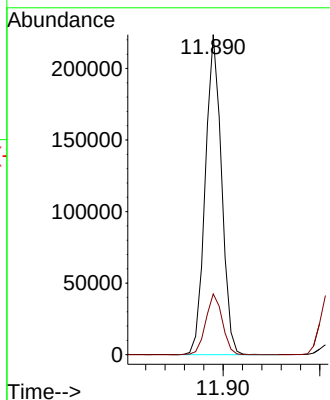
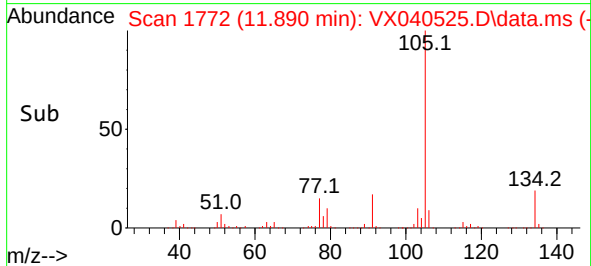
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



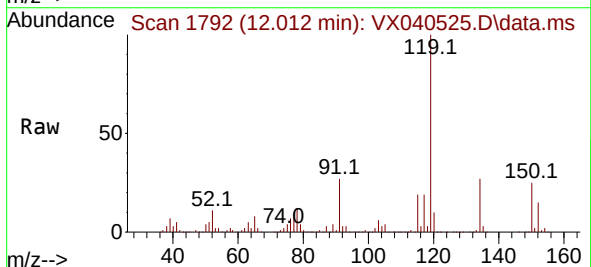
Tgt Ion:105 Resp: 26141
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.4

Manual Integrations
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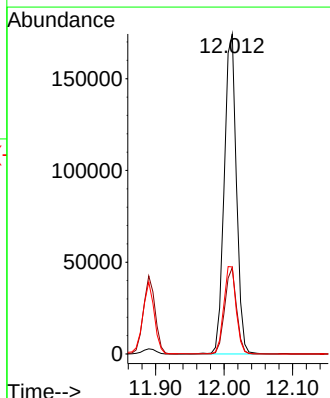
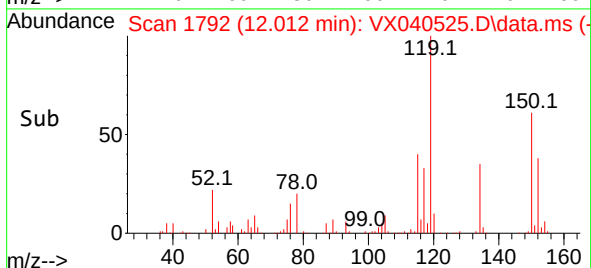
Reviewed By :John Carlone 02/29/2024
 Supervised By :Mahesh Dadoda 02/29/2024

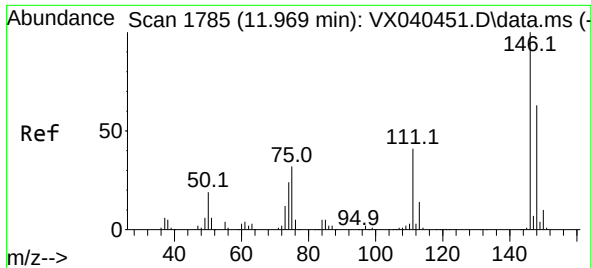


#86
 p-Isopropyltoluene
 Concen: 47.693 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX040525.D
 Acq: 28 Feb 2024 20:38



Tgt Ion:119 Resp: 213870
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.8 38.3
 91 27.8 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 46.357 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX040525.D

Acq: 28 Feb 2024 20:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 11284

Ion Ratio Lower Upper

146 100

111 43.0 22.1 66.1

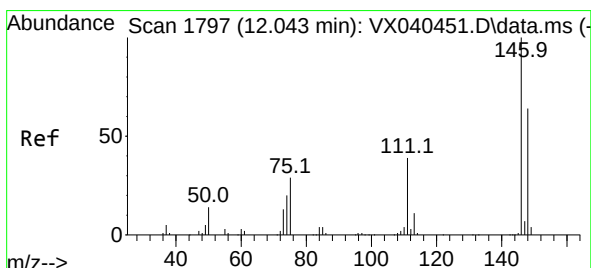
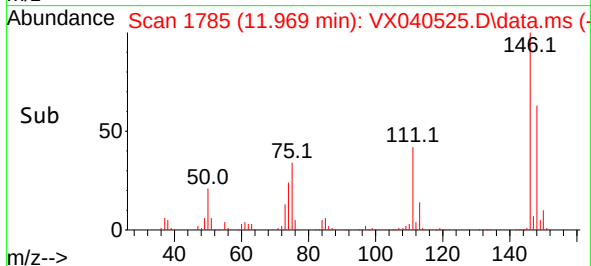
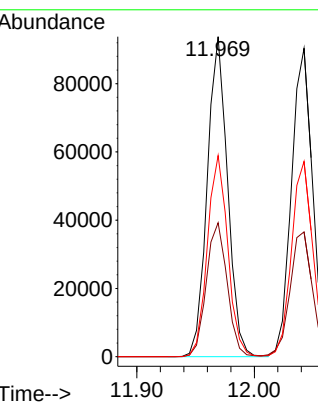
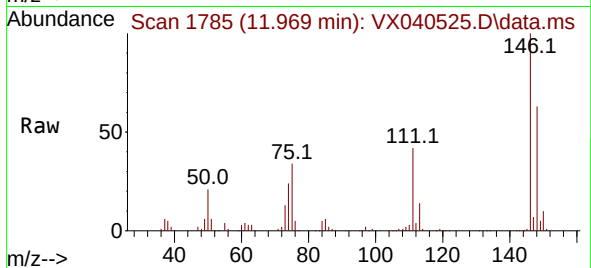
148 63.0 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#88

1,4-Dichlorobenzene

Concen: 45.822 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX040525.D

Acq: 28 Feb 2024 20:38

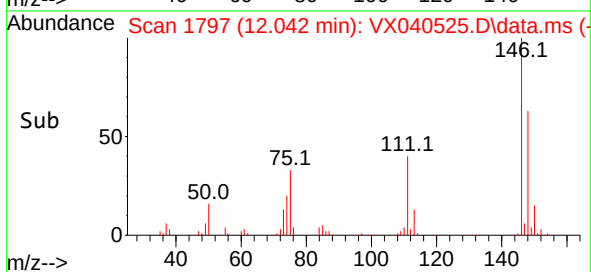
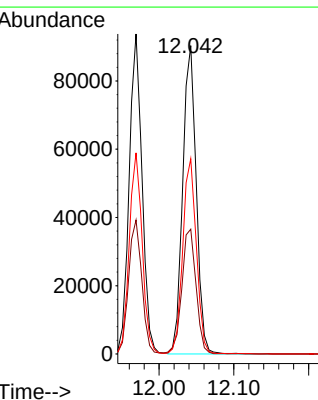
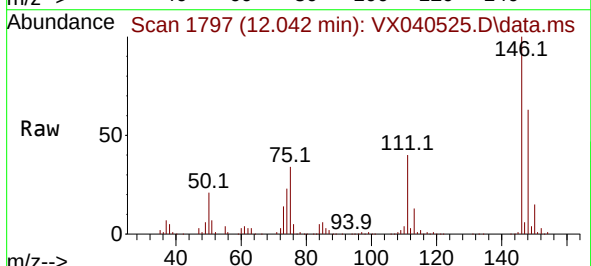
Tgt Ion:146 Resp: 113548

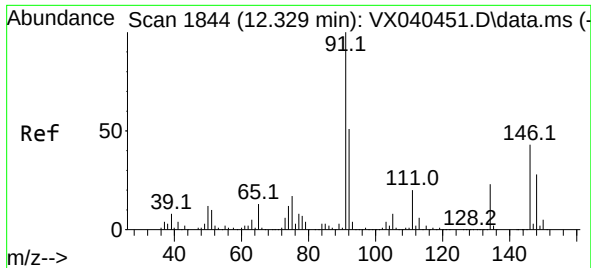
Ion Ratio Lower Upper

146 100

111 42.3 21.3 63.7

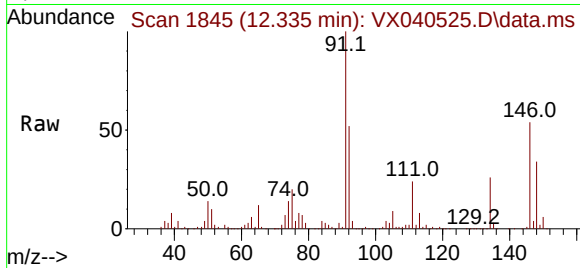
148 63.4 31.8 95.4





#89
n-Butylbenzene
Concen: 46.917 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX040525.D
Acq: 28 Feb 2024 20:38

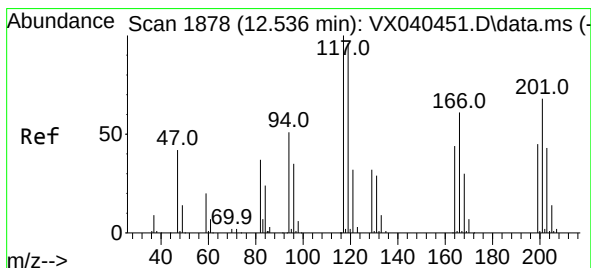
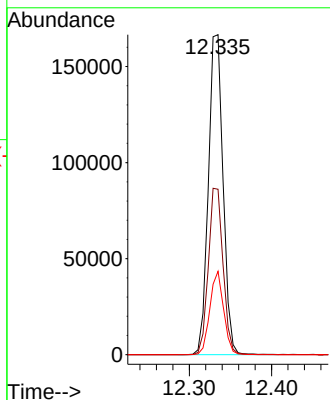
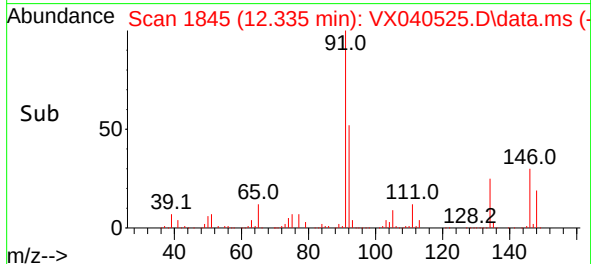
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 20698
Ion Ratio Lower Upper
91 100
92 51.9 27.4 82.0
134 24.4 12.6 37.8

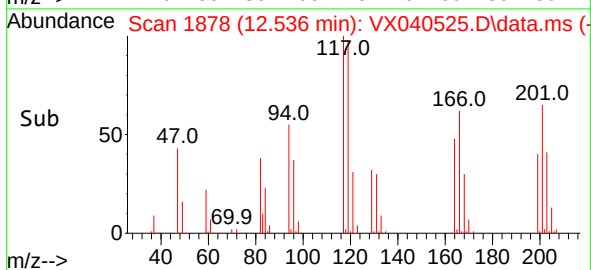
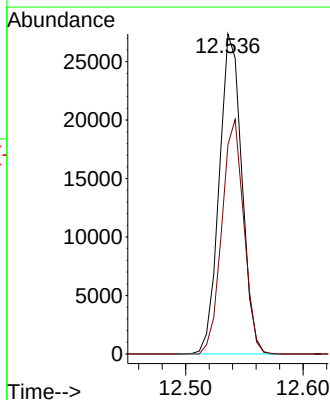
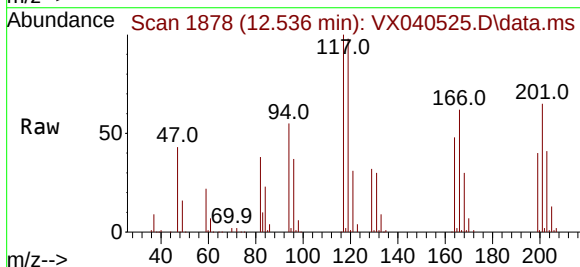
Manual Integrations
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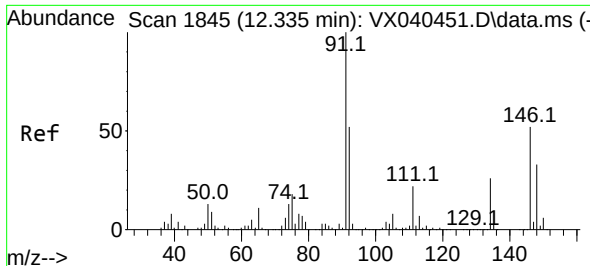
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#90
Hexachloroethane
Concen: 48.931 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX040525.D
Acq: 28 Feb 2024 20:38

Tgt Ion:117 Resp: 36519
Ion Ratio Lower Upper
117 100
201 71.3 32.9 98.6





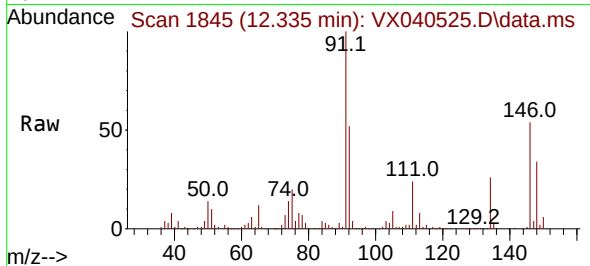
#91
1,2-Dichlorobenzene
Concen: 47.487 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX040525.D
Acq: 28 Feb 2024 20:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



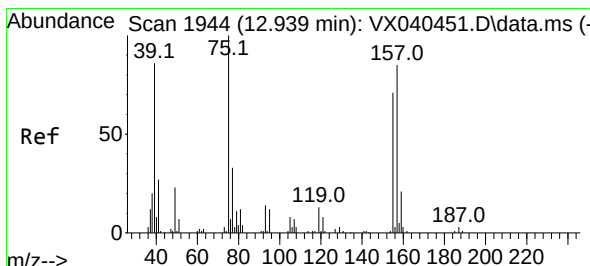
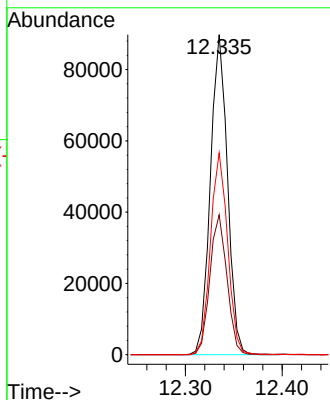
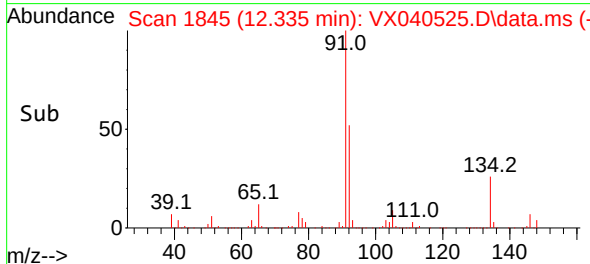
Tgt Ion:146 Resp: 110154
Ion Ratio Lower Upper
146 100
111 43.7 22.4 67.0
148 63.4 31.6 95.0

Manual Integrations

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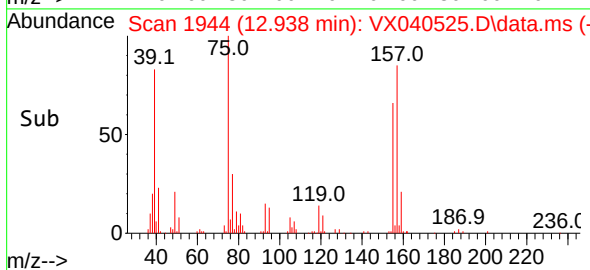
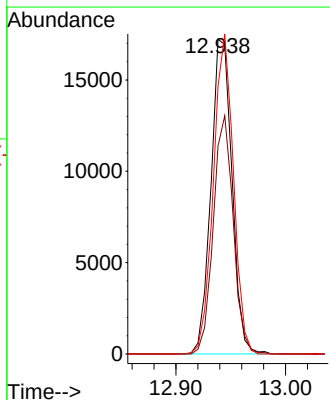
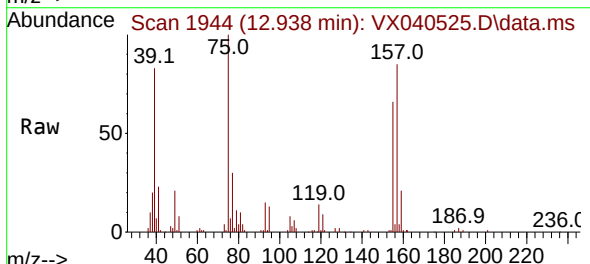
Reviewed By :John Carlone 02/29/2024

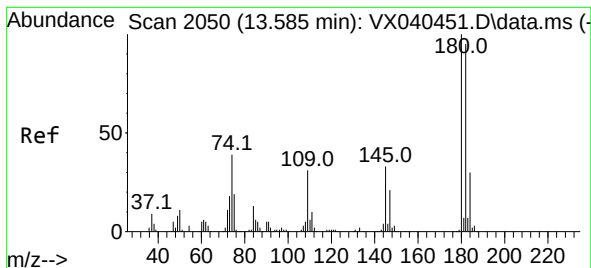
Supervised By :Mahesh Dadoda 02/29/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.870 ug/l
RT: 12.938 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX040525.D
Acq: 28 Feb 2024 20:38

Tgt Ion: 75 Resp: 23022
Ion Ratio Lower Upper
75 100
155 71.5 36.1 108.5
157 96.7 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 48.508 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX040525.D

Acq: 28 Feb 2024 20:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

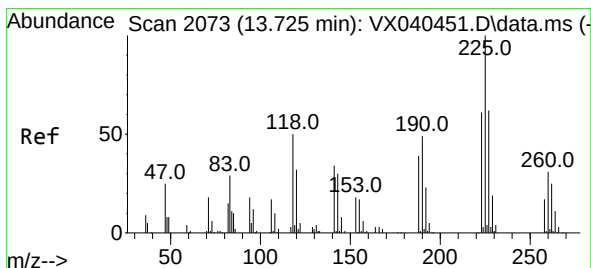
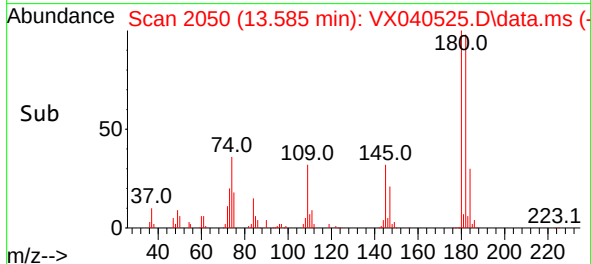
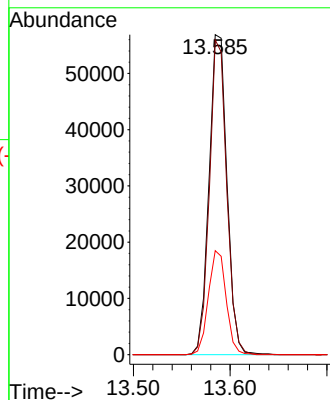
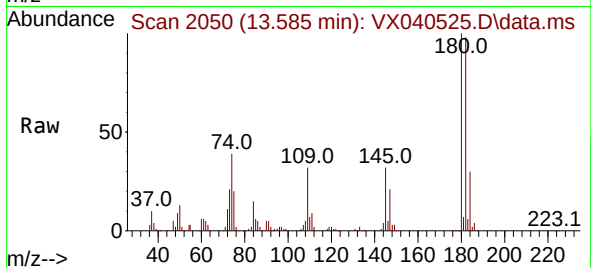
Tgt Ion:180	Resp:	73430
Ion Ratio	Lower	Upper
180	100	
182	94.8	48.3 144.8
145	32.1	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#94

Hexachlorobutadiene

Concen: 46.044 ug/l

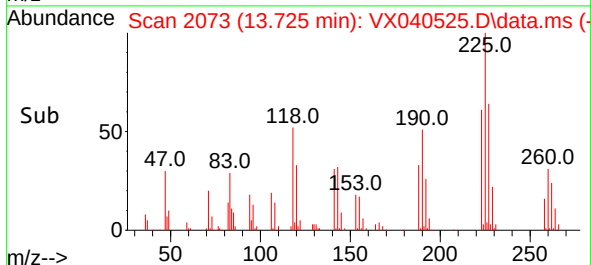
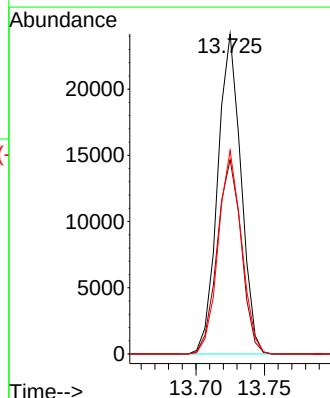
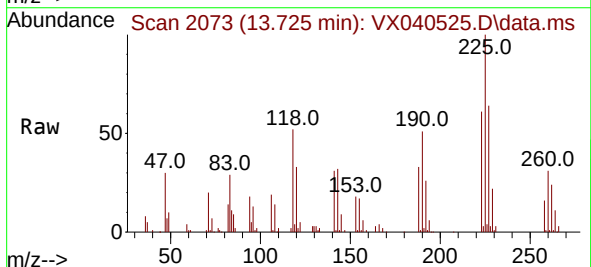
RT: 13.725 min Scan# 2073

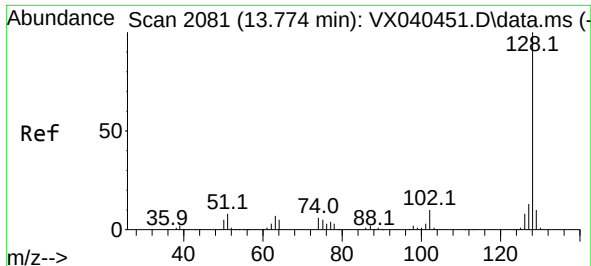
Delta R.T. -0.000 min

Lab File: VX040525.D

Acq: 28 Feb 2024 20:38

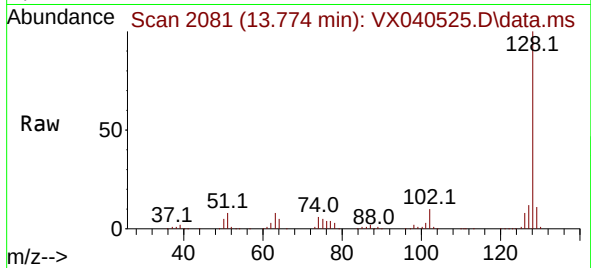
Tgt Ion:225	Resp:	28488
Ion Ratio	Lower	Upper
225	100	
223	62.8	31.1 93.2
227	63.2	32.5 97.5





#95
Naphthalene
Concen: 49.454 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX040525.D
Acq: 28 Feb 2024 20:38

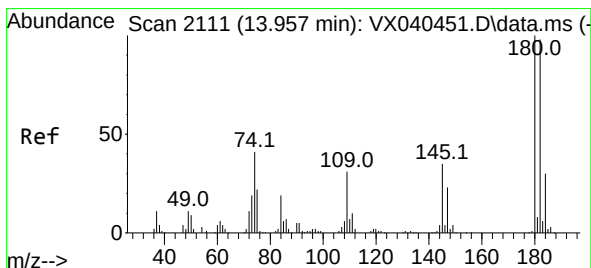
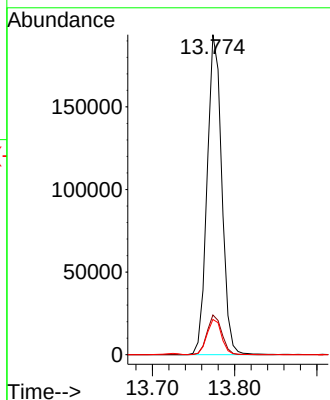
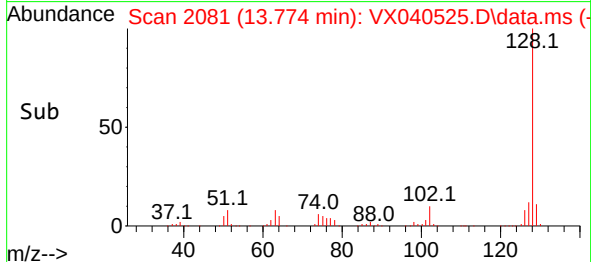
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 239250
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 11.1 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#96
1,2,3-Trichlorobenzene
Concen: 49.810 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX040525.D
Acq: 28 Feb 2024 20:38

Tgt Ion:180 Resp: 71680
Ion Ratio Lower Upper
180 100
182 94.3 46.9 140.6
145 33.3 17.8 53.5

