

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080624\
 Data File : VX042875.D
 Acq On : 06 Aug 2024 16:43
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/07/2024
 Supervised By : Mahesh Dadoda 08/08/2024

Quant Time: Aug 07 05:01:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X080624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 07 04:53:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.903	128	42466	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	240527	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	224775	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	108059	27.557	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	91.867%		
60) 4-Bromofluorobenzene	11.079	95	105314	28.719	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	95.733%		
63) Toluene-d8	8.647	98	314349	30.961	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	103.200%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	41778	16.730	ug/l	97
3) Chloromethane	1.300	50	39419	17.197	ug/l	97
4) Vinyl Chloride	1.374	62	40790	16.670	ug/l	99
5) Bromomethane	1.599	94	22809	15.294	ug/l	96
6) Chloroethane	1.666	64	24651	16.939	ug/l	99
7) Trichlorofluoromethane	1.873	101	60796	15.581	ug/l	100
8) Diethyl Ether	2.136	74	26877	17.526	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.319	101	45022	16.923	ug/l	97
10) 1,1-Dichloroethene	2.306	96	40475	15.927	ug/l	99
11) Methyl Iodide	2.440	142	39607	16.937	ug/l	92
12) Methyl Acetate	2.709	43	117358	21.126	ug/l	96
13) Acrolein	2.239	56	13136	81.779	ug/l	99
14) Acrylonitrile	3.068	53	155773	92.247	ug/l	99
15) Acetone	2.392	58	39381	71.932	ug/l	85
16) Carbon Disulfide	2.501	76	78116	14.772	ug/l	99
17) Allyl chloride	2.660	41	69921	17.003	ug/l	96
18) Methylene Chloride	2.782	84	51396	17.438	ug/l	93
19) trans-1,2-Dichloroethene	3.087	96	43192	16.690	ug/l	99
20) Diisopropyl ether	3.769	45	159765	17.786	ug/l	94
21) 1,1-Dichloroethane	3.605	63	90676	17.752	ug/l	99
22) cis-1,2-Dichloroethene	4.489	96	55932	17.223	ug/l	94
23) tert-Butyl Alcohol	2.989	59	61763	79.333	ug/l #	100
24) Methyl tert-Butyl Ether	3.123	73	163135	17.736	ug/l	99
25) Chloroform	5.099	83	95651	17.306	ug/l	100
26) Cyclohexane	5.464	56	64427	15.989	ug/l #	97
29) 1,1-Dichloropropene	5.696	75	54774	17.671	ug/l	99
30) 2-Butanone	4.568	43	218294	95.633	ug/l	99
31) 2,2-Dichloropropane	4.471	77	55740	15.390	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	80996	18.874	ug/l	99
33) Carbon Tetrachloride	5.678	117	67329	18.342	ug/l	99
34) Benzene	6.037	78	192260	19.374	ug/l	98
35) Methacrylonitrile	4.934	41	42794	19.844	ug/l	94
36) 1,2-Dichloroethane	6.092	62	70549	19.263	ug/l	98
37) Trichloroethene	7.129	130	44631	17.765	ug/l	98
38) Methylcyclohexane	7.379	83	63375	16.498	ug/l	96
39) 1,2-Dichloropropane	7.433	63	48140	19.029	ug/l	95
40) Dibromomethane	7.586	93	35677	18.678	ug/l	98
41) Bromodichloromethane	7.824	83	69351	18.309	ug/l	99
42) Vinyl Acetate	3.727	43	623868	93.449	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.568	43	300710m	78.530	ug/l	
44) Isopropyl Acetate	6.348	43	118973	19.305	ug/l	99
45) 1,4-Dioxane	7.665	88	25220m	390.903	ug/l	
46) Methyl methacrylate	7.702	41	56619	18.487	ug/l	96
47) n-amyl Acetate	10.841	43	94662	17.956	ug/l	99
48) t-1,3-Dichloropropene	8.982	75	60965	16.790	ug/l	100
49) cis-1,3-Dichloropropene	8.372	75	69837	17.760	ug/l	98
50) 1,1,2-Trichloroethane	9.153	97	51876	19.913	ug/l	99
51) Ethyl methacrylate	9.116	69	78555	18.428	ug/l	98
52) 1,3-Dichloropropane	9.311	76	80955	18.936	ug/l	100
53) Dibromochloromethane	9.525	129	53423	17.621	ug/l	99
54) 1,2-Dibromoethane	9.610	107	52216	19.272	ug/l	98
55) 2-Chloroethyl vinyl ether	8.244	63	202236	102.735	ug/l	98
56) Bromoform	10.799	173	36516	16.802	ug/l	97
58) 4-Methyl-2-Pentanone	8.580	43	424970	100.397	ug/l	100
59) 2-Hexanone	9.433	43	326090	97.466	ug/l	99
61) Tetrachloroethene	9.275	164	41614	18.647	ug/l	95
62) Toluene	8.720	91	207487	18.847	ug/l	99
64) Chlorobenzene	10.079	112	131006	18.592	ug/l	97
65) 1,1,1,2-Tetrachloroethane	10.165	131	46140	18.038	ug/l	98
66) Ethyl Benzene	10.195	91	220388	18.011	ug/l	96
67) m/p-Xylenes	10.299	106	166671	36.026	ug/l	99
68) o-Xylene	10.640	106	83388	18.285	ug/l	98
69) Styrene	10.659	104	141245	17.986	ug/l	99
70) Isopropylbenzene	10.963	105	218399	18.195	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.213	83	82591	19.078	ug/l	98
72) 1,2,3-Trichloropropane	11.238	75	67173m	18.996	ug/l	
73) Bromobenzene	11.195	156	54144	17.753	ug/l	100
74) n-propylbenzene	11.305	91	243039	17.309	ug/l	100
75) 2-Chlorotoluene	11.366	91	154339	18.009	ug/l	98
76) 1,3,5-Trimethylbenzene	11.451	105	184151	18.101	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	18491	14.707	ug/l	88
78) 4-Chlorotoluene	11.457	91	169270	17.222	ug/l	100
79) tert-butylbenzene	11.713	119	186593	17.875	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	179922	17.926	ug/l	100
81) sec-Butylbenzene	11.890	105	223605	17.477	ug/l	99
82) p-Isopropyltoluene	12.006	119	180861	16.880	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	96542	17.198	ug/l	99
84) 1,4-Dichlorobenzene	12.042	146	95532	16.927	ug/l	100
85) n-Butylbenzene	12.335	91	147511	15.275	ug/l	98
86) Hexachloroethane	12.536	117	31464	16.271	ug/l	95
87) 1,2-Dichlorobenzene	12.335	146	98275	17.574	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	12.945	75	17857	18.259	ug/l	97
89) 1,2,4-Trichlorobenzene	13.591	180	55859	15.354	ug/l	99
90) Hexachlorobutadiene	13.725	225	25843	16.438	ug/l	95
91) Naphthalene	13.774	128	209988	17.146	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	59780	16.271	ug/l	98

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

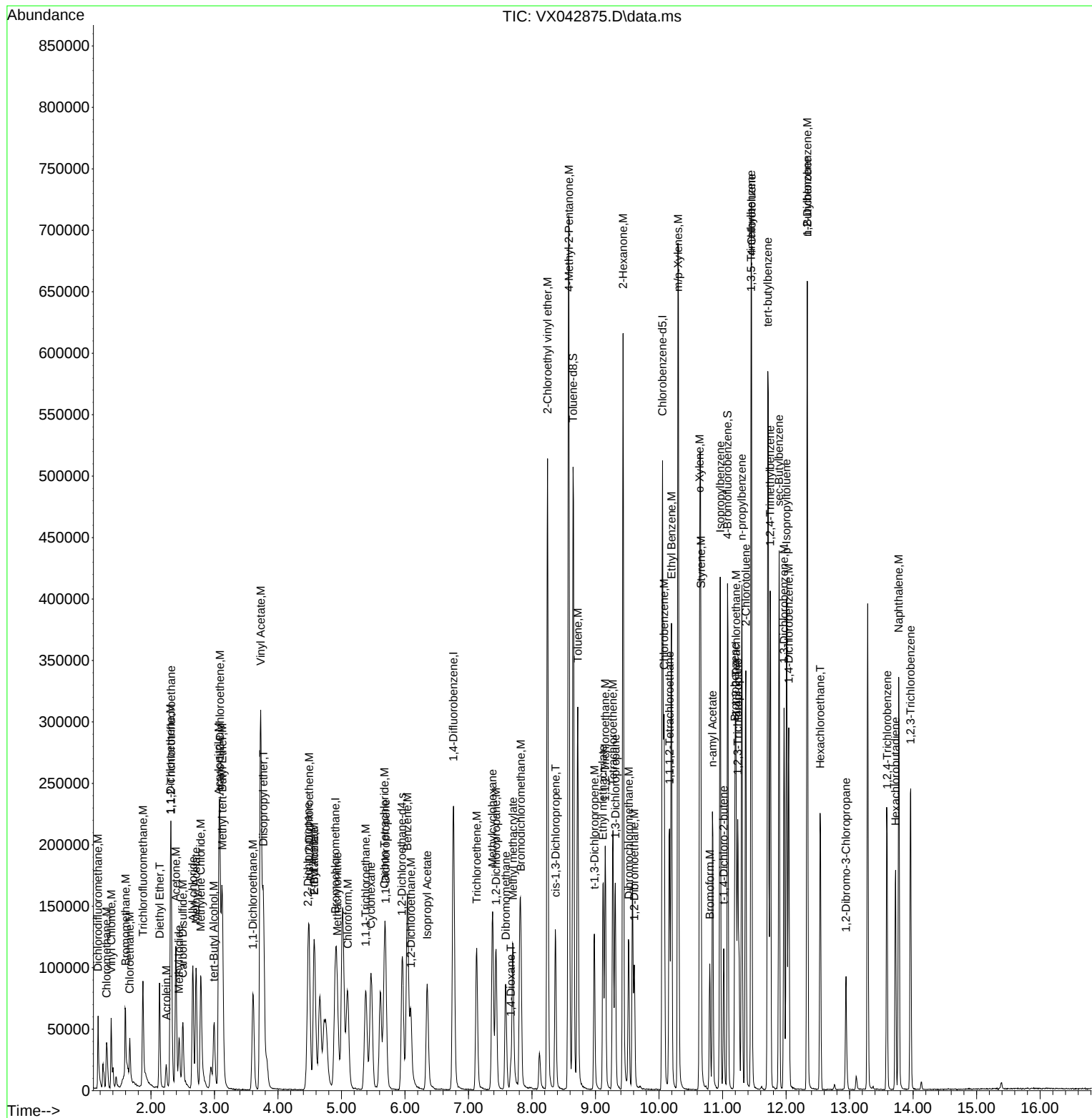
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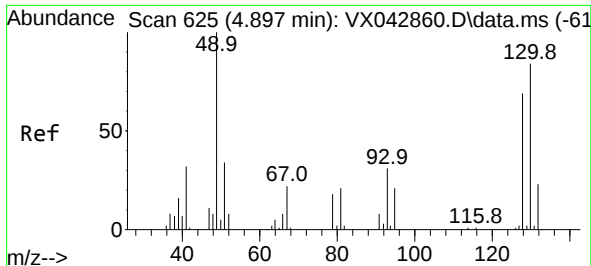
Instrument :
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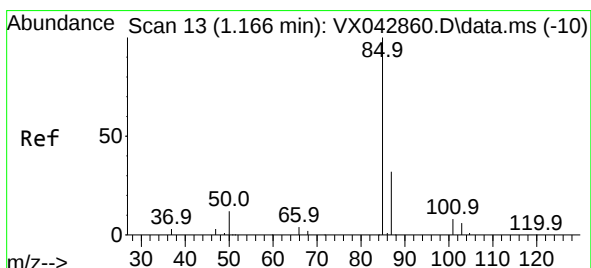
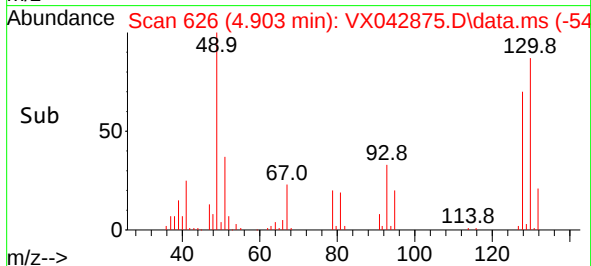
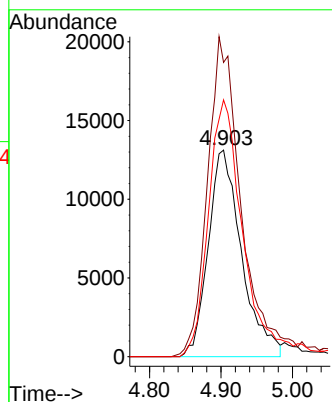
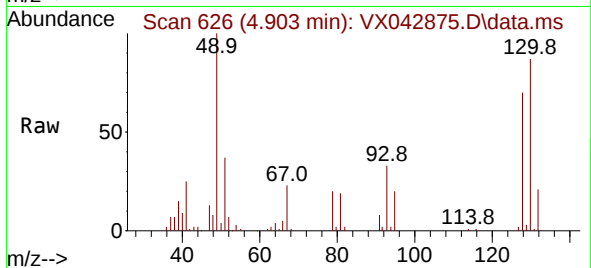
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX042875.D
Acq: 06 Aug 2024 16:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:128 Resp: 42460
Ion Ratio Lower Upper
128 100
49 151.1 0.0 400.5
130 127.8 0.0 333.0

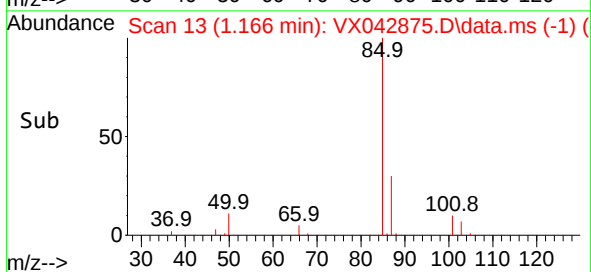
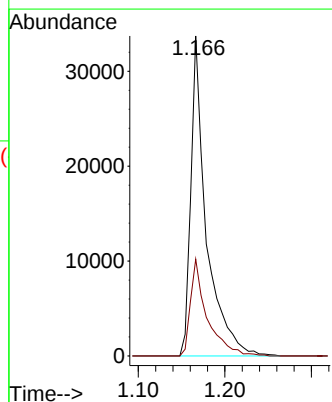
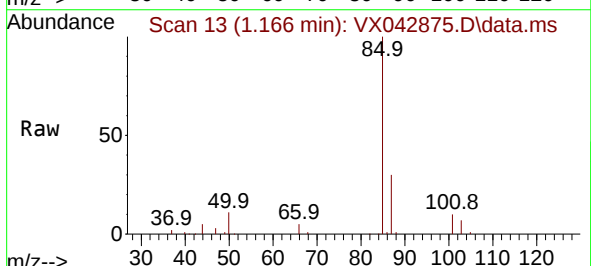
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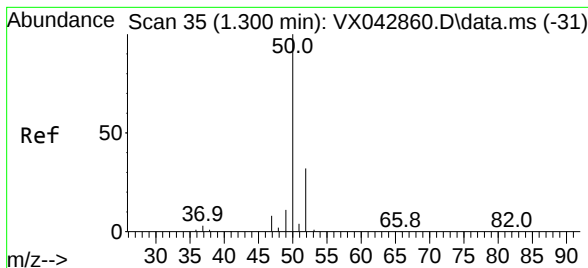
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#2
Dichlorodifluoromethane
Concen: 16.730 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX042875.D
Acq: 06 Aug 2024 16:43

Tgt Ion: 85 Resp: 41778
Ion Ratio Lower Upper
85 100
87 30.3 16.0 48.0





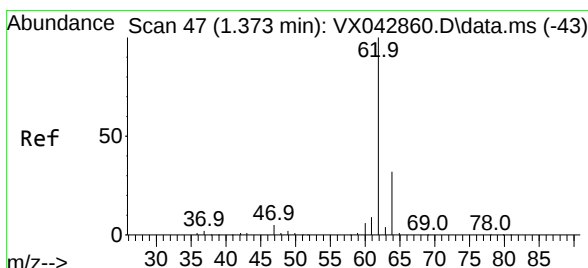
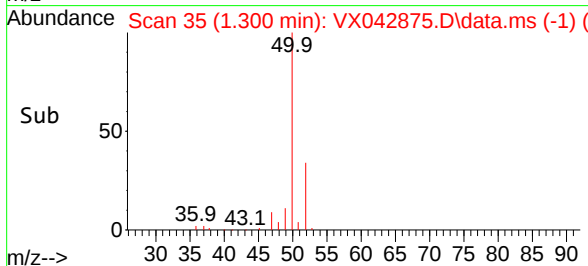
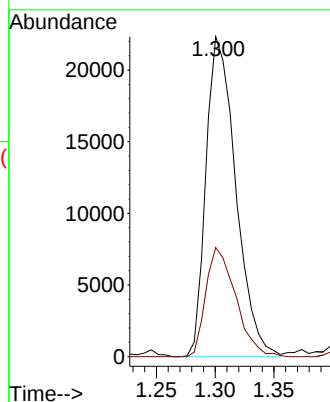
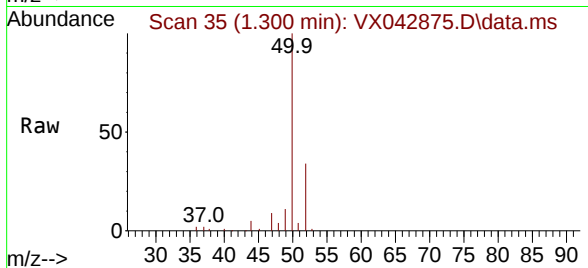
#3
Chloromethane
Concen: 17.197 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX042875.D
Acq: 06 Aug 2024 16:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 50 Resp: 39419
Ion Ratio Lower Upper
50 100
52 34.1 26.0 39.0

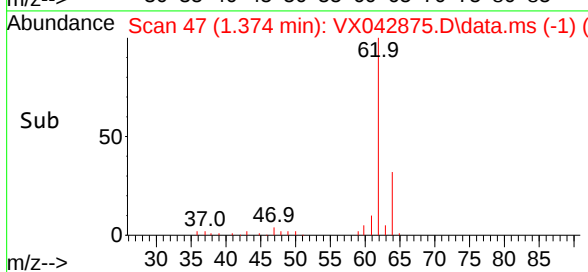
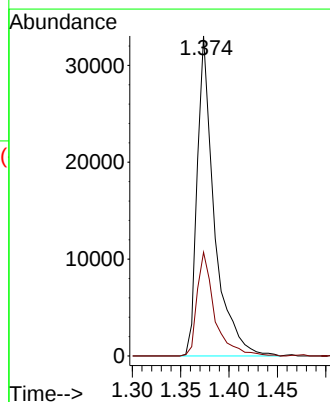
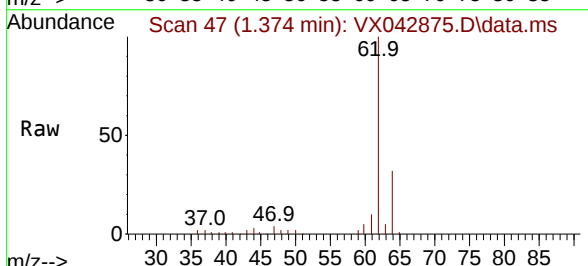
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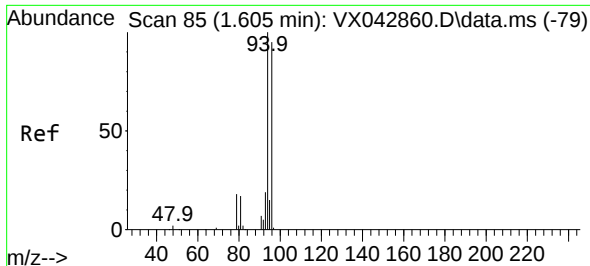
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#4
Vinyl Chloride
Concen: 16.670 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX042875.D
Acq: 06 Aug 2024 16:43

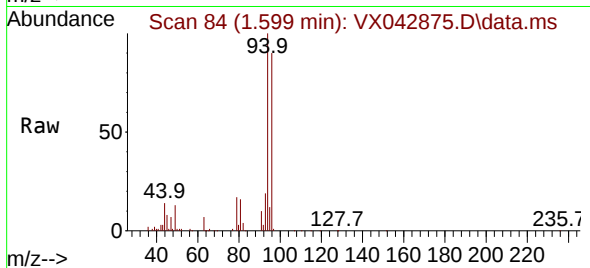
Tgt Ion: 62 Resp: 40790
Ion Ratio Lower Upper
62 100
64 32.4 26.3 39.5





#5
Bromomethane
Concen: 15.294 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.006 min
Lab File: VX042875.D
Acq: 06 Aug 2024 16:43

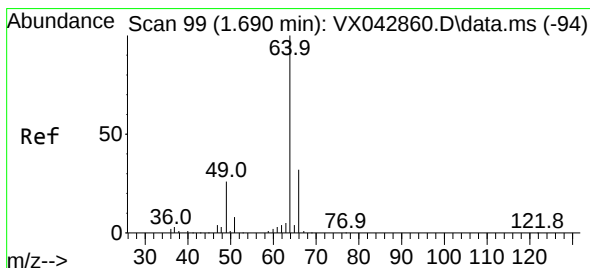
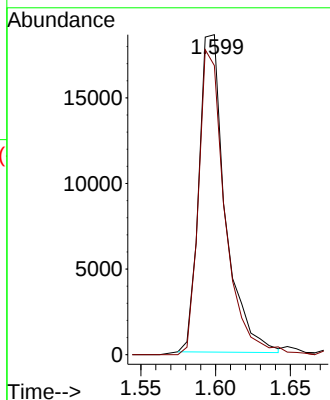
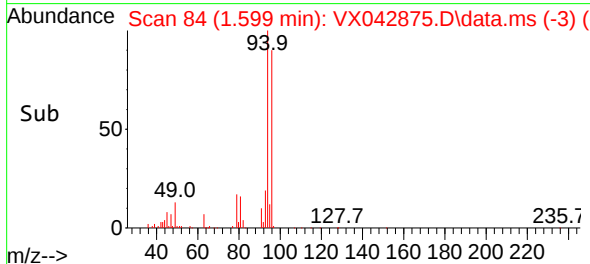
Instrument :
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ClientSampleId :
VSTDCCC020EC



Tgt Ion: 94 Resp: 22809
Ion Ratio Lower Upper
94 100
96 91.1 76.2 114.4

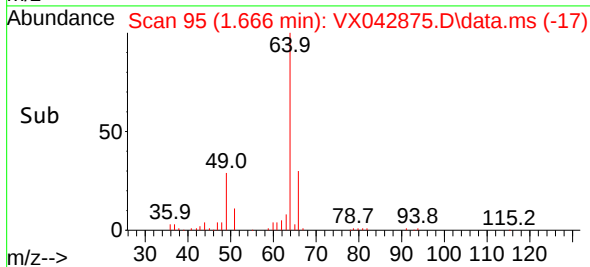
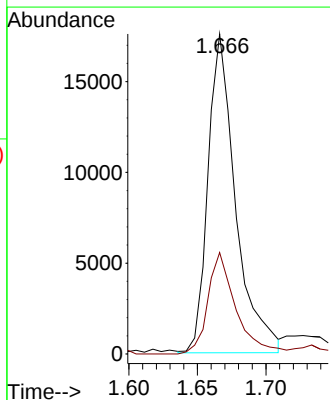
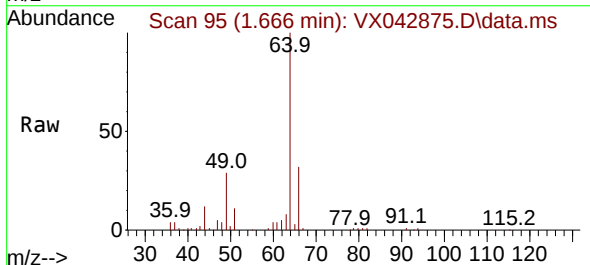
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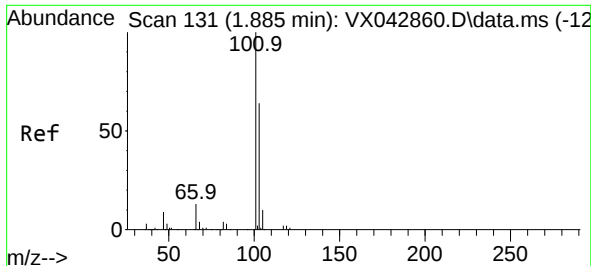
Reviewed By :John Carlone 08/07/2024
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#6
Chloroethane
Concen: 16.939 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.024 min
Lab File: VX042875.D
Acq: 06 Aug 2024 16:43

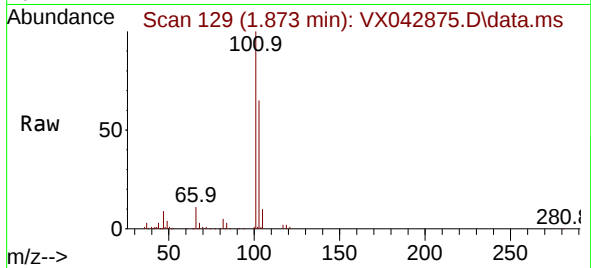
Tgt Ion: 64 Resp: 24651
Ion Ratio Lower Upper
64 100
66 32.0 25.9 38.9





#7
Trichlorofluoromethane
Concen: 15.581 ug/l
RT: 1.873 min Scan# 11
Delta R.T. -0.012 min
Lab File: VX042875.D
Acq: 06 Aug 2024 16:43

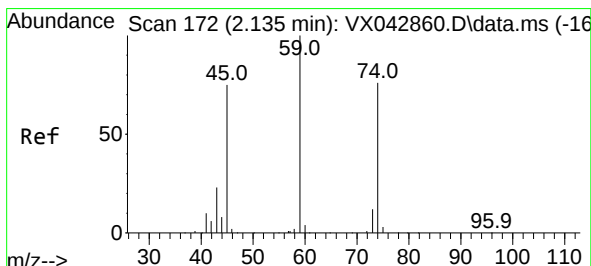
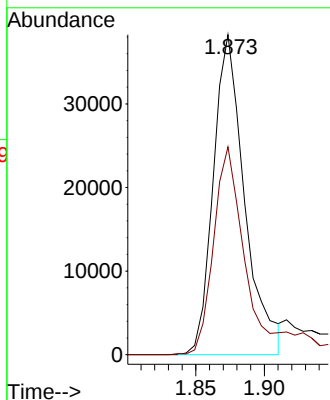
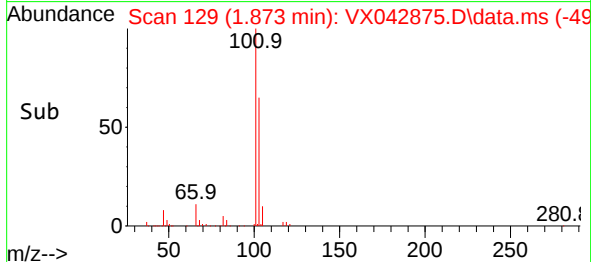
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:101 Resp: 60790
Ion Ratio Lower Upper
101 100
103 64.6 51.5 77.3

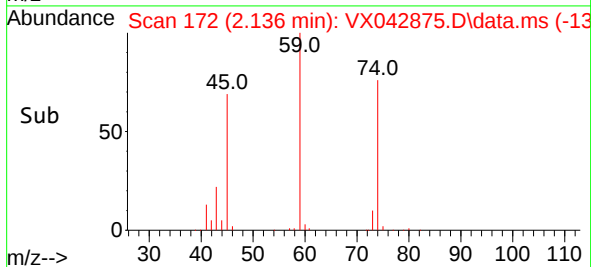
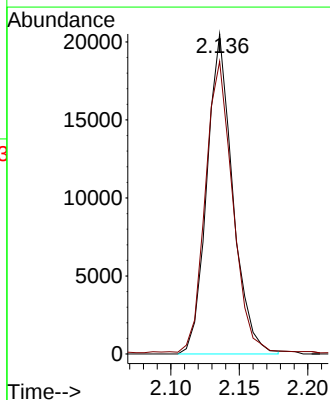
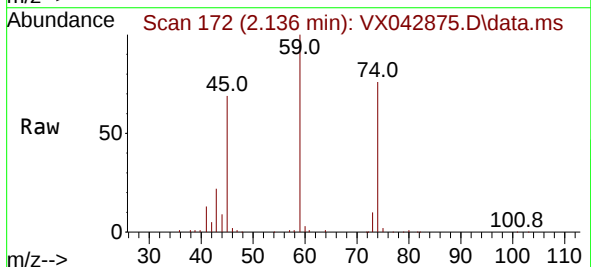
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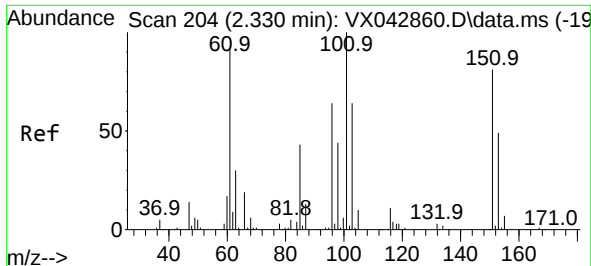
Reviewed By :John Carlone 08/07/2024
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#8
Diethyl Ether
Concen: 17.526 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX042875.D
Acq: 06 Aug 2024 16:43

Tgt Ion: 74 Resp: 26877
Ion Ratio Lower Upper
74 100
45 95.4 20.3 182.3





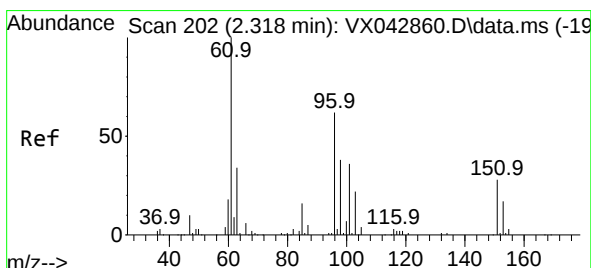
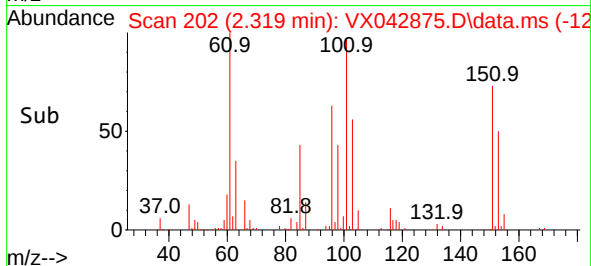
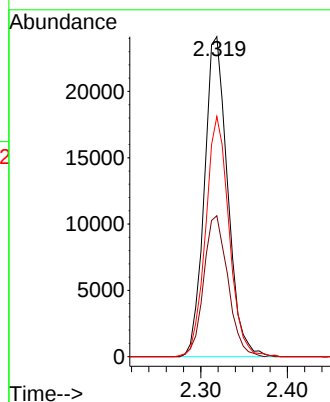
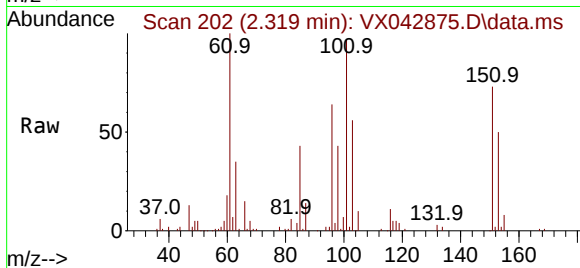
#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.923 ug/l
RT: 2.319 min Scan# 200
Delta R.T. -0.012 min
Lab File: VX042875.D
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ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 4502
Ion Ratio Lower Upper
101 100
85 45.7 0.0 88.6
151 75.3 0.0 157.6

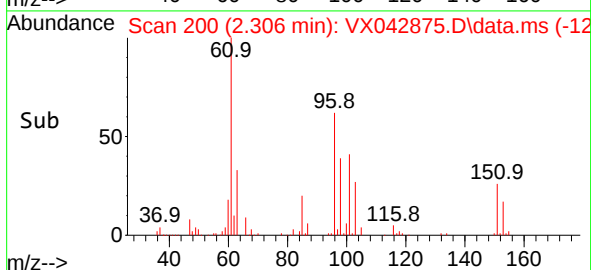
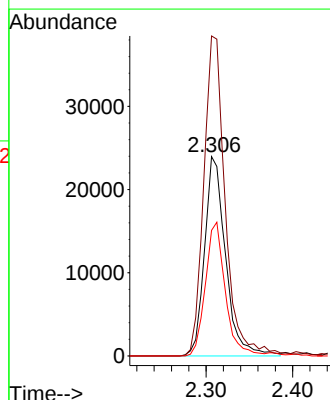
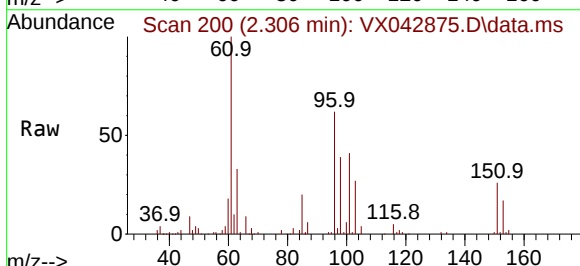
Manual Integrations
APPROVED

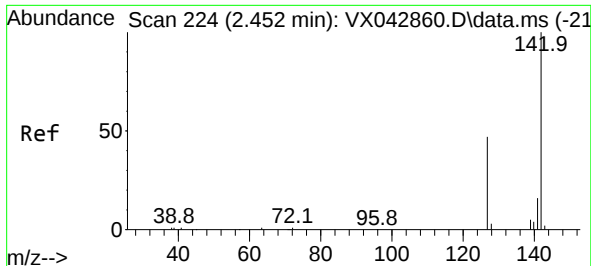
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#10
1,1-Dichloroethene
Concen: 15.927 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.012 min
Lab File: VX042875.D
Acq: 06 Aug 2024 16:43

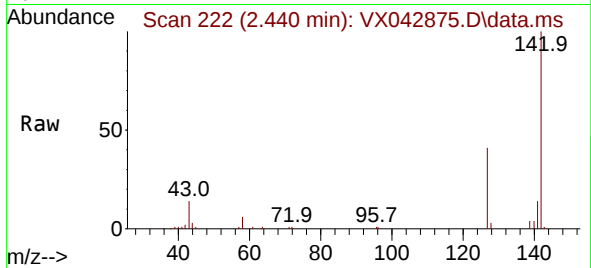
Tgt Ion: 96 Resp: 40475
Ion Ratio Lower Upper
96 100
61 160.6 129.2 193.8
98 63.1 48.6 72.8





#11
Methyl Iodide
Concen: 16.937 ug/l
RT: 2.440 min Scan# 211
Delta R.T. -0.012 min
Lab File: VX042875.D
Acq: 06 Aug 2024 16:43

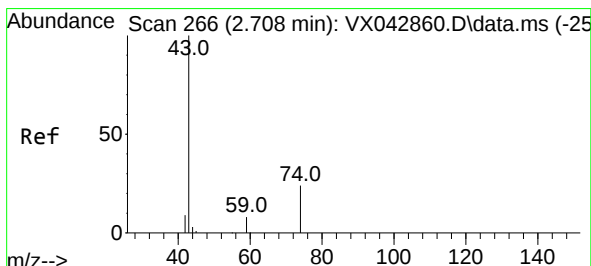
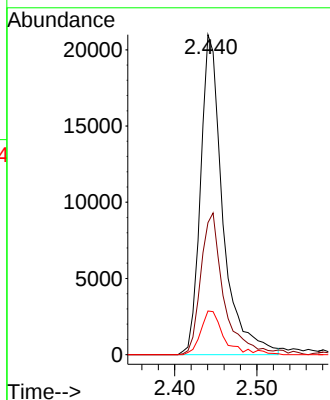
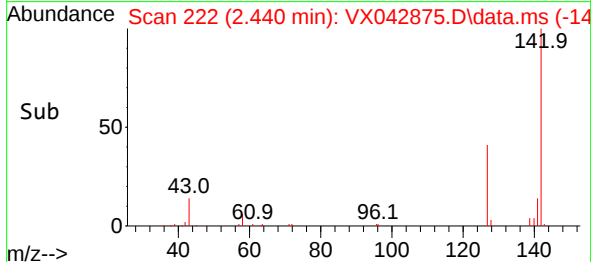
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:142 Resp: 3960
Ion Ratio Lower Upper
142 100
127 40.9 23.6 71.0
141 13.6 8.0 23.8

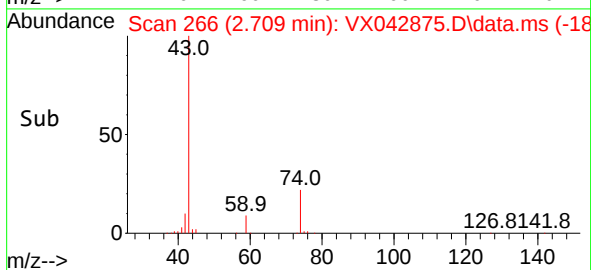
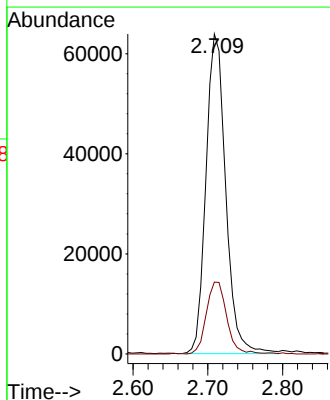
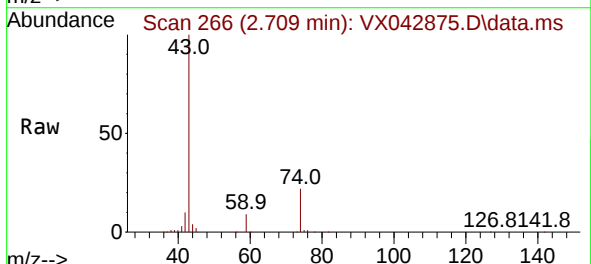
Manual Integrations
APPROVED

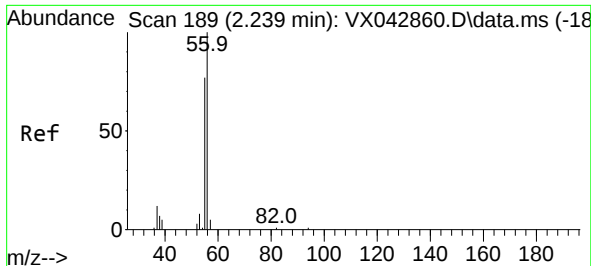
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#12
Methyl Acetate
Concen: 21.126 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX042875.D
Acq: 06 Aug 2024 16:43

Tgt Ion: 43 Resp: 117358
Ion Ratio Lower Upper
43 100
74 22.5 19.4 29.2





#13

Acrolein

Concen: 81.779 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX042875.D

Acq: 06 Aug 2024 16:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 56 Resp: 13130

Ion Ratio Lower Upper

56 100

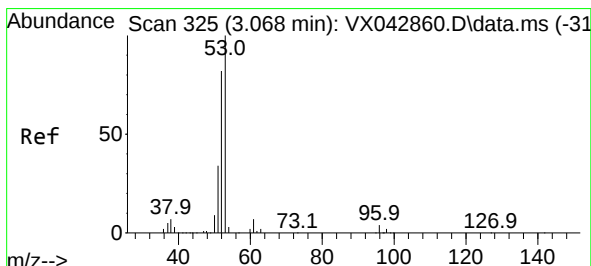
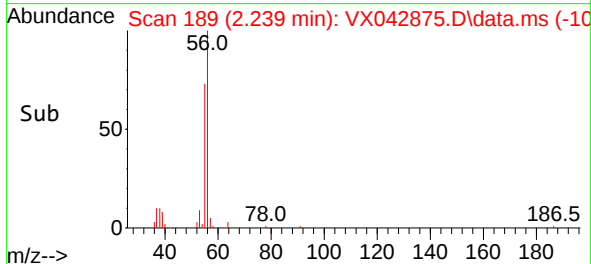
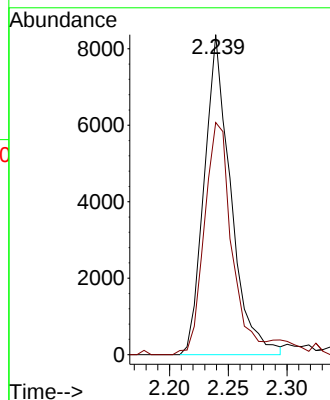
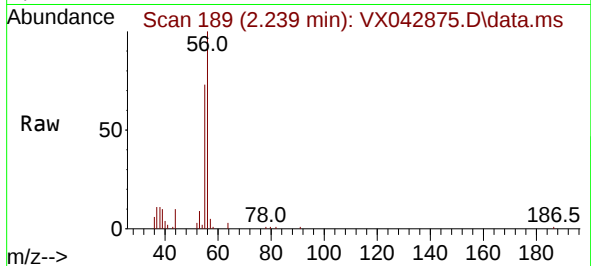
55 75.1 60.6 90.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2024

Supervised By :Mahesh Dadoda 08/08/2024



#14

Acrylonitrile

Concen: 92.247 ug/l

RT: 3.068 min Scan# 325

Delta R.T. 0.000 min

Lab File: VX042875.D

Acq: 06 Aug 2024 16:43

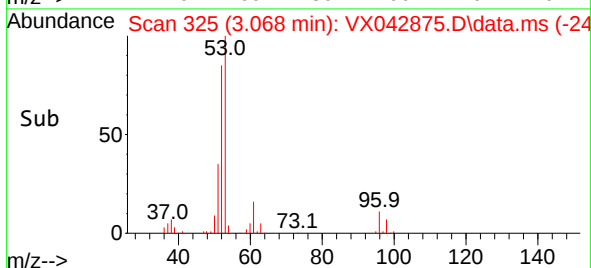
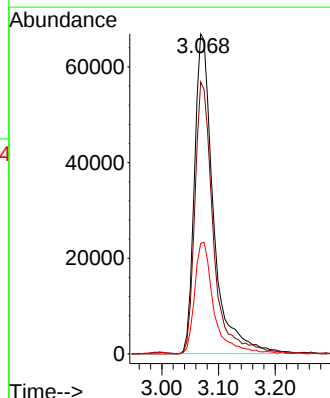
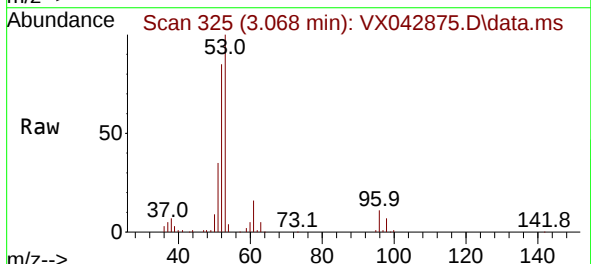
Tgt Ion: 53 Resp: 155773

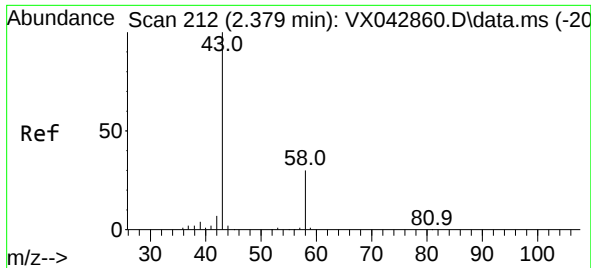
Ion Ratio Lower Upper

53 100

52 82.8 41.2 123.6

51 35.3 17.9 53.8





#15

Acetone

Concen: 71.932 ug/l

RT: 2.392 min Scan# 212

Delta R.T. 0.012 min

Lab File: VX042875.D

Acq: 06 Aug 2024 16:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 58 Resp: 3938

Ion Ratio Lower Upper

58 100

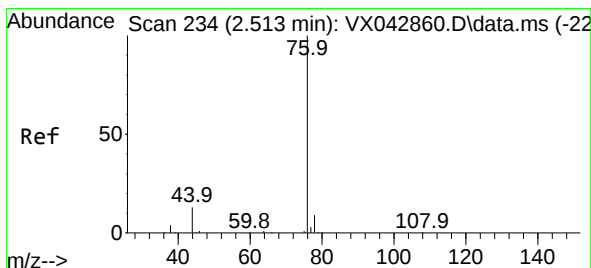
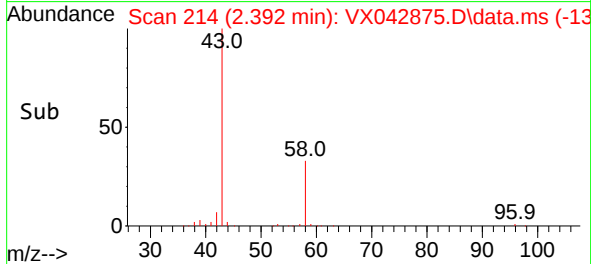
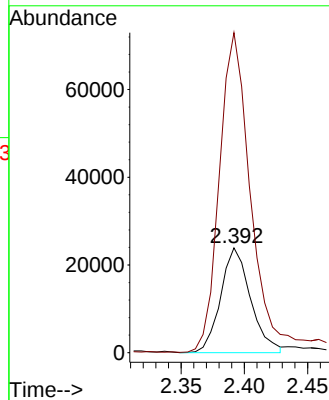
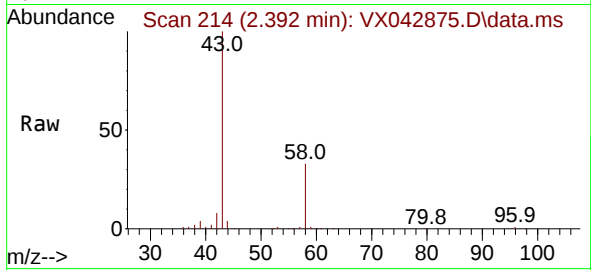
43 305.1 269.9 404.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2024

Supervised By :Mahesh Dadoda 08/08/2024



#16

Carbon Disulfide

Concen: 14.772 ug/l

RT: 2.501 min Scan# 232

Delta R.T. -0.012 min

Lab File: VX042875.D

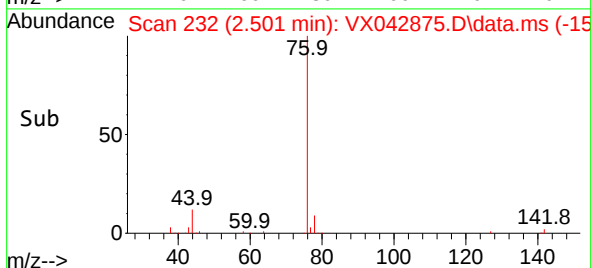
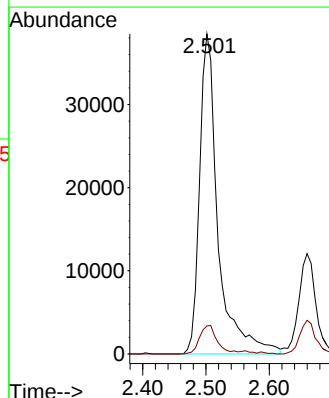
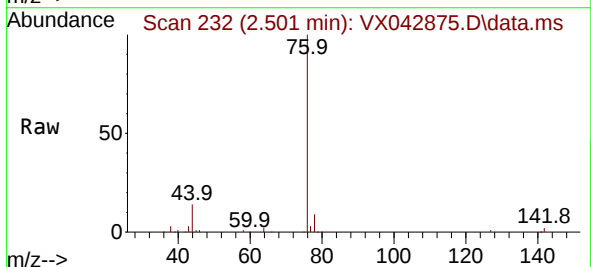
Acq: 06 Aug 2024 16:43

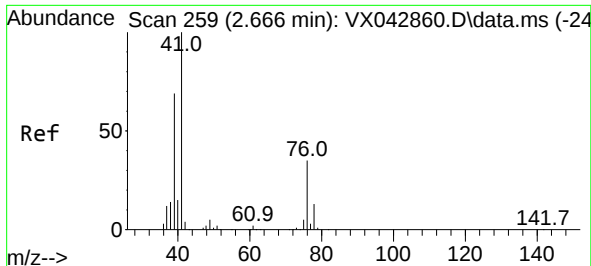
Tgt Ion: 76 Resp: 78116

Ion Ratio Lower Upper

76 100

78 9.2 7.1 10.7





#17

Allyl chloride

Concen: 17.003 ug/l

RT: 2.660 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX042875.D

Acq: 06 Aug 2024 16:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

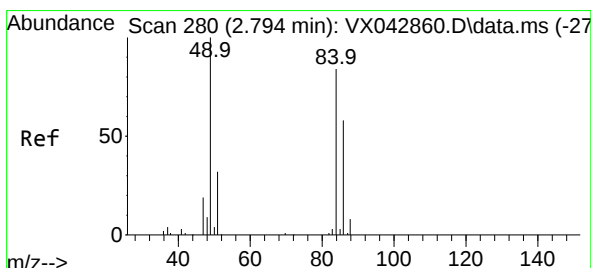
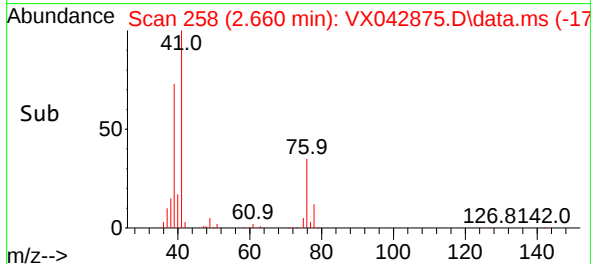
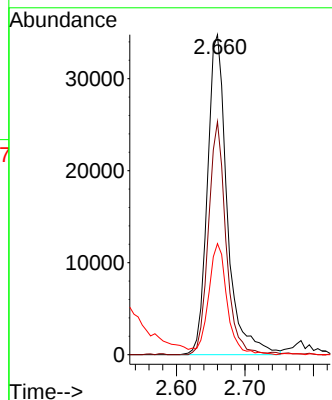
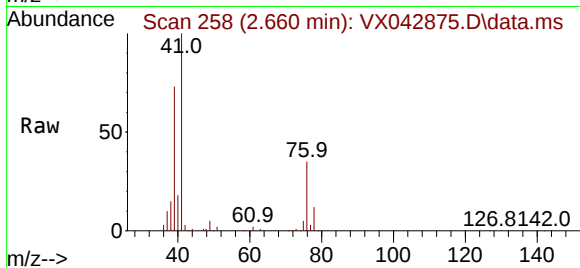
Tgt Ion:	41	Resp:	6992
Ion	Ratio	Lower	Upper
41	100		
39	72.8	34.6	103.9
76	34.5	18.4	55.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2024

Supervised By :Mahesh Dadoda 08/08/2024



#18

Methylene Chloride

Concen: 17.438 ug/l

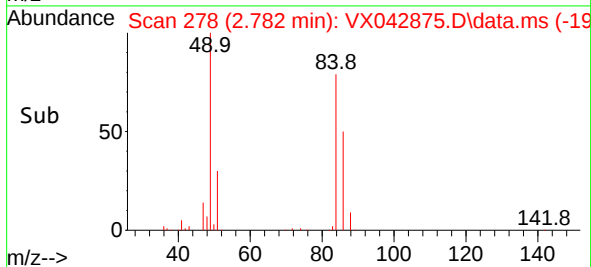
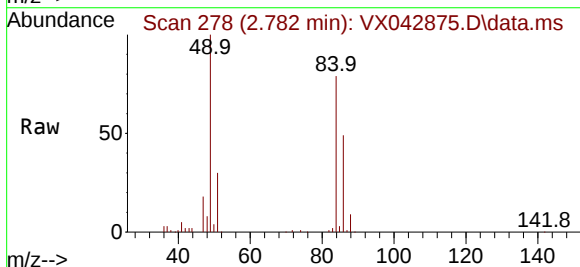
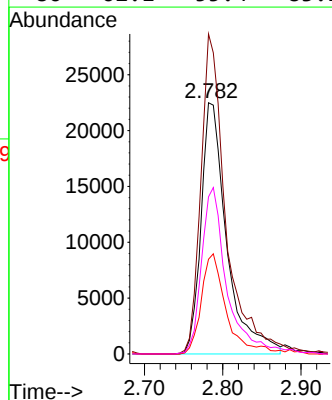
RT: 2.782 min Scan# 278

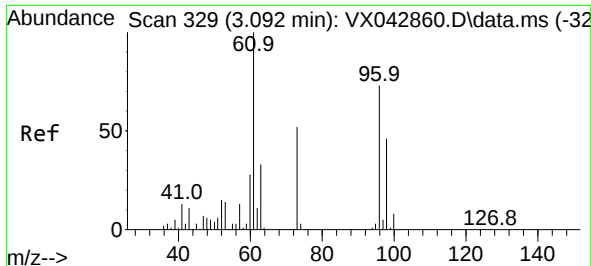
Delta R.T. -0.012 min

Lab File: VX042875.D

Acq: 06 Aug 2024 16:43

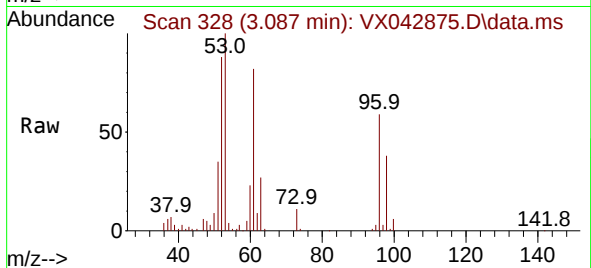
Tgt Ion:	84	Resp:	51396
Ion	Ratio	Lower	Upper
84	100		
49	127.0	95.0	142.6
51	37.7	30.1	45.1
86	62.1	55.4	83.2





#19
trans-1,2-Dichloroethene
Concen: 16.690 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX042875.D
Acq: 06 Aug 2024 16:43

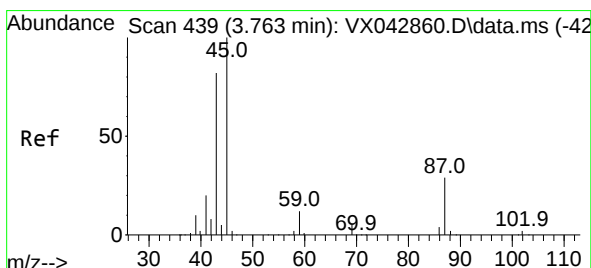
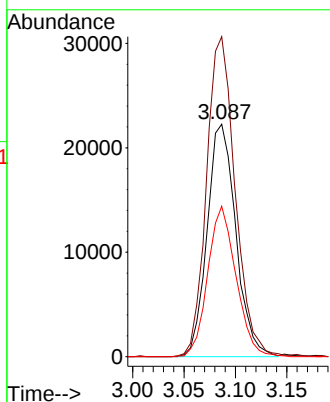
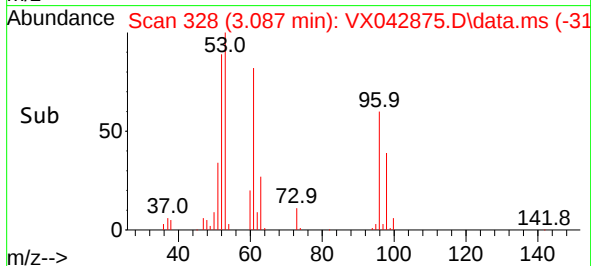
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 96 Resp: 43192
Ion Ratio Lower Upper
96 100
61 137.2 109.6 164.4
98 64.4 50.4 75.6

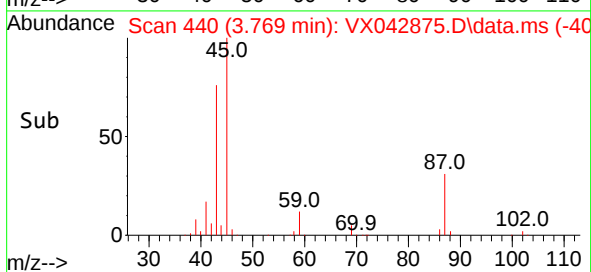
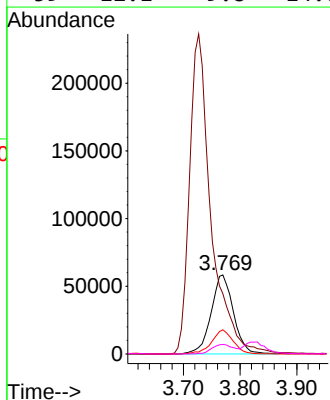
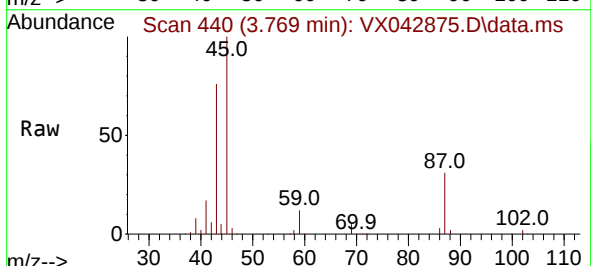
Manual Integrations
APPROVED

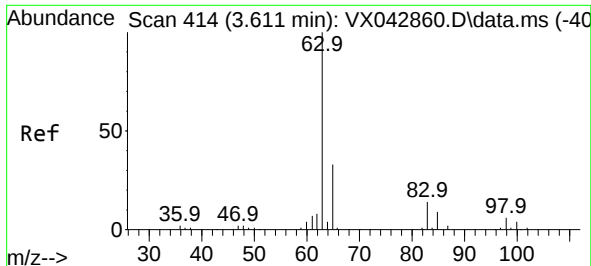
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#20
Diisopropyl ether
Concen: 17.786 ug/l
RT: 3.769 min Scan# 440
Delta R.T. 0.006 min
Lab File: VX042875.D
Acq: 06 Aug 2024 16:43

Tgt Ion: 45 Resp: 159765
Ion Ratio Lower Upper
45 100
43 74.2 65.4 98.2
87 30.6 23.0 34.6
59 12.1 9.8 14.6





#21

1,1-Dichloroethane

Concen: 17.752 ug/l

RT: 3.605 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX042875.D

Acq: 06 Aug 2024 16:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

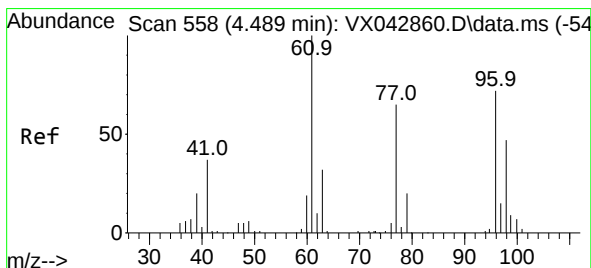
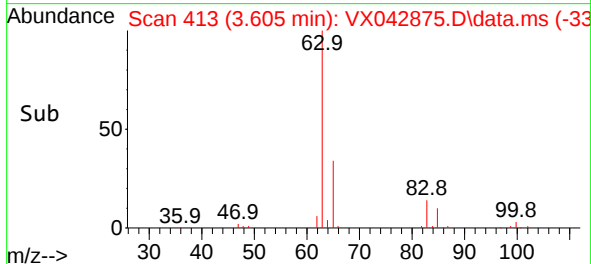
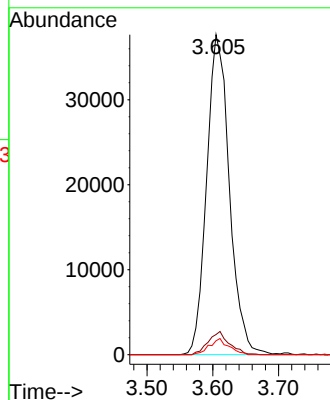
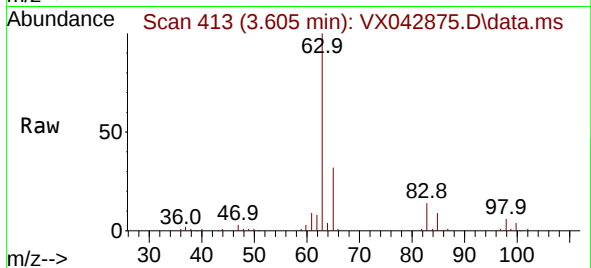
Tgt Ion: 63	Resp: 90670
Ion Ratio	Lower Upper
63 100	
98 6.3	2.9 8.8
100 4.4	2.1 6.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2024

Supervised By :Mahesh Dadoda 08/08/2024



#22

cis-1,2-Dichloroethene

Concen: 17.223 ug/l

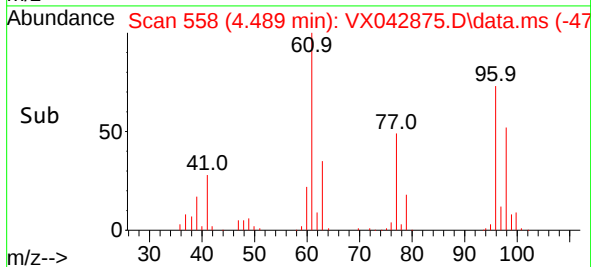
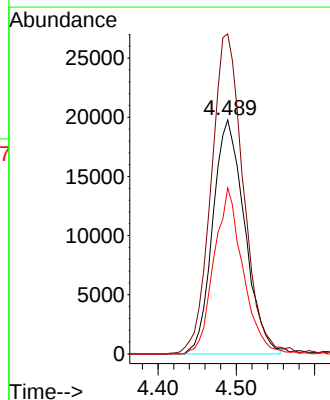
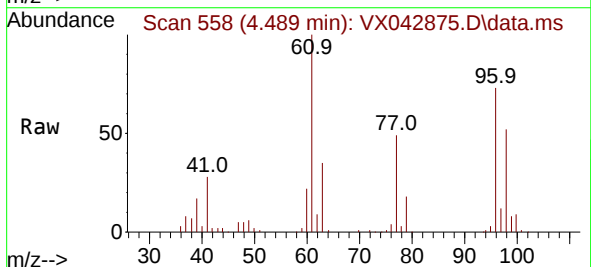
RT: 4.489 min Scan# 558

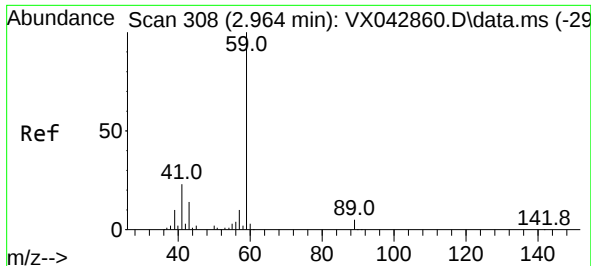
Delta R.T. 0.000 min

Lab File: VX042875.D

Acq: 06 Aug 2024 16:43

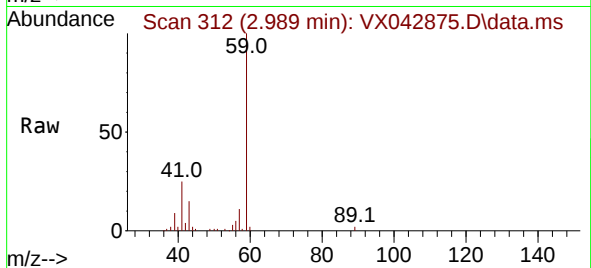
Tgt Ion: 96	Resp: 55932
Ion Ratio	Lower Upper
96 100	
61 137.4	117.7 176.5
98 64.2	53.4 80.0





#23
tert-Butyl Alcohol
Concen: 79.333 ug/l
RT: 2.989 min Scan# 312
Delta R.T. 0.025 min
Lab File: VX042875.D
Acq: 06 Aug 2024 16:43

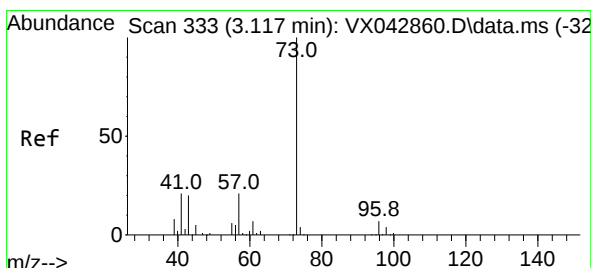
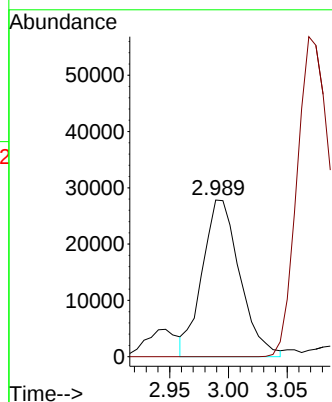
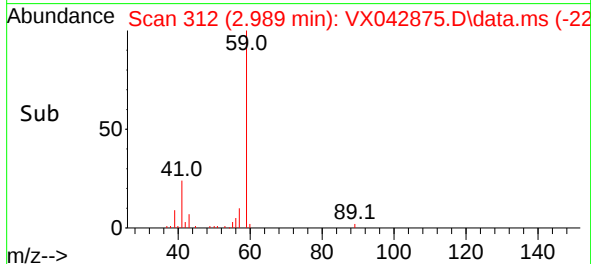
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 59 Resp: 61763
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1

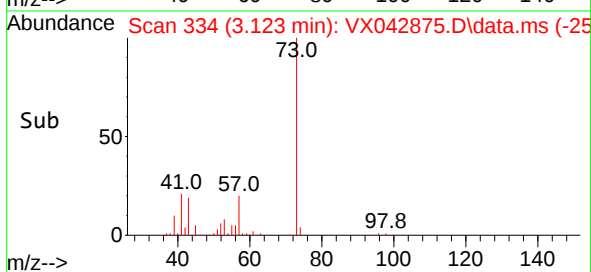
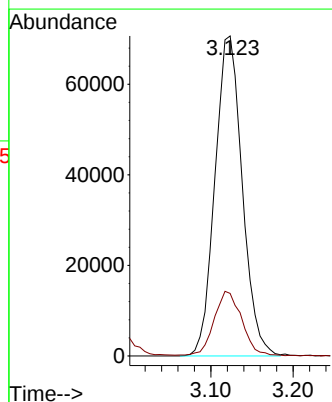
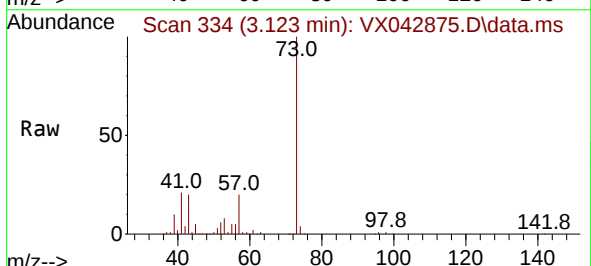
Manual Integrations
APPROVED

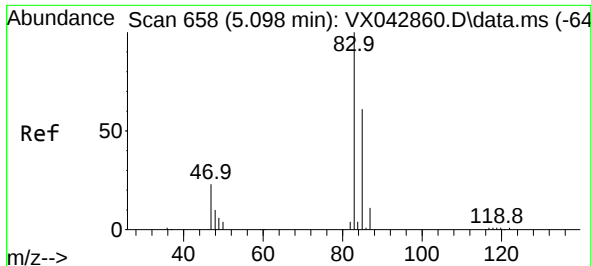
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#24
Methyl tert-Butyl Ether
Concen: 17.736 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.006 min
Lab File: VX042875.D
Acq: 06 Aug 2024 16:43

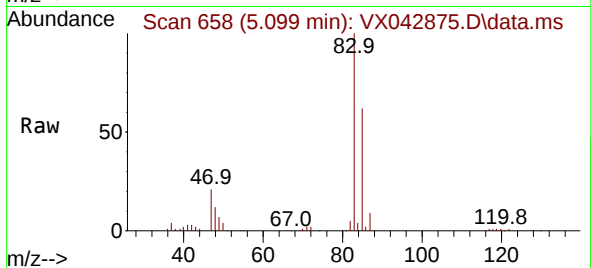
Tgt Ion: 73 Resp: 163135
Ion Ratio Lower Upper
73 100
43 20.7 16.2 24.2





#25
Chloroform
Concen: 17.306 ug/l
RT: 5.099 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX042875.D
Acq: 06 Aug 2024 16:43

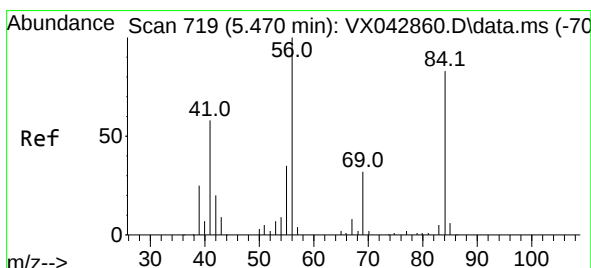
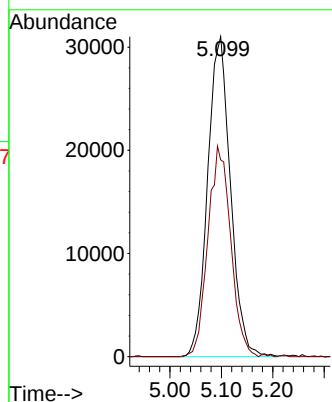
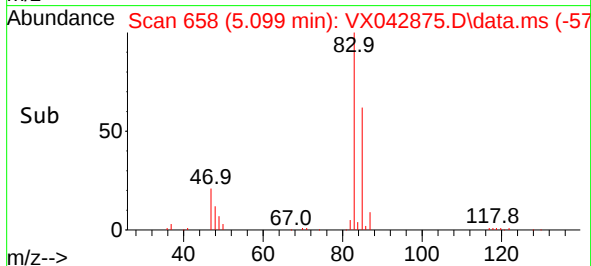
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



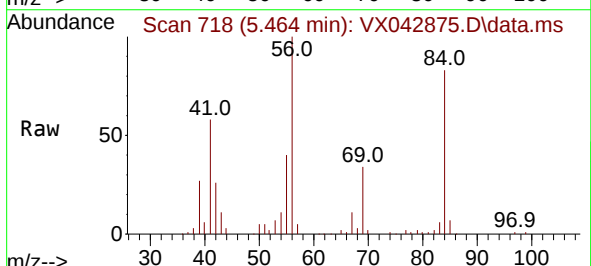
Tgt Ion: 83 Resp: 9565
Ion Ratio Lower Upper
83 100
85 61.5 49.2 73.8

Manual Integrations
APPROVED

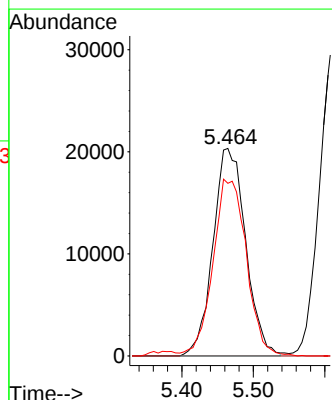
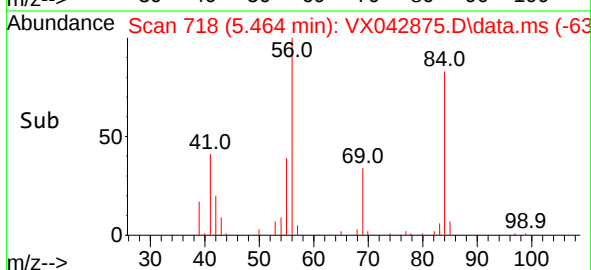
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024

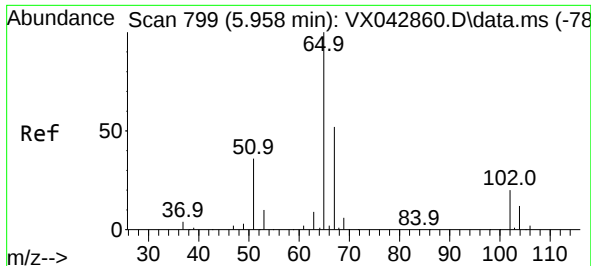


#26
Cyclohexane
Concen: 15.989 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX042875.D
Acq: 06 Aug 2024 16:43



Tgt Ion: 56 Resp: 64427
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 87.1 71.8 107.8





#27
1,2-Dichloroethane-d4
Concen: 27.557 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX042875.D
Acq: 06 Aug 2024 16:43

Instrument :

MSVOA_X

ClientSampleId :

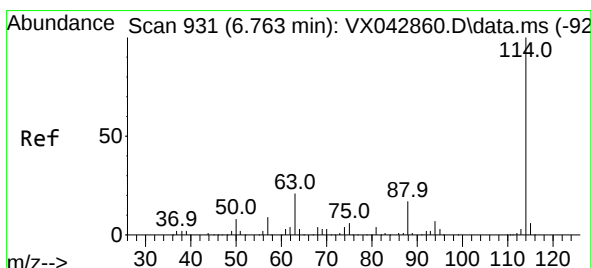
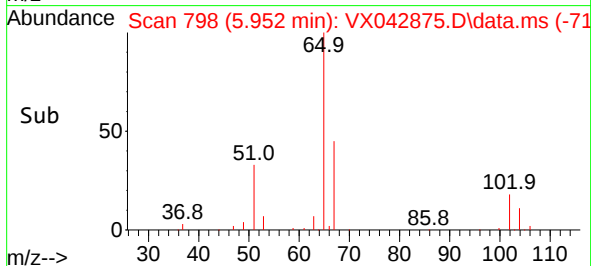
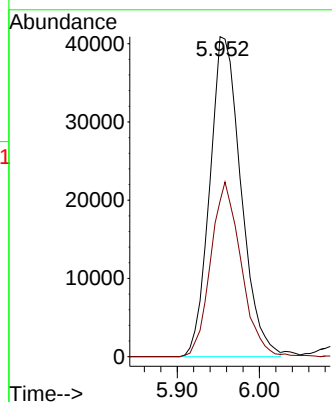
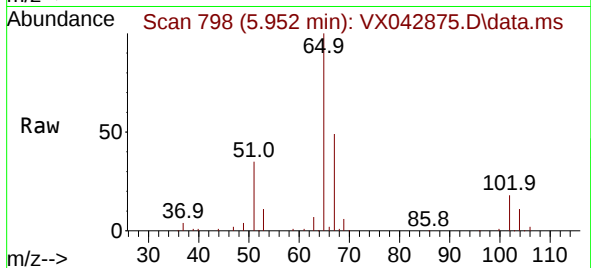
VSTDCCC020EC

Tgt Ion: 65 Resp: 108059
Ion Ratio Lower Upper
65 100
67 52.8 40.6 60.8

Manual Integrations

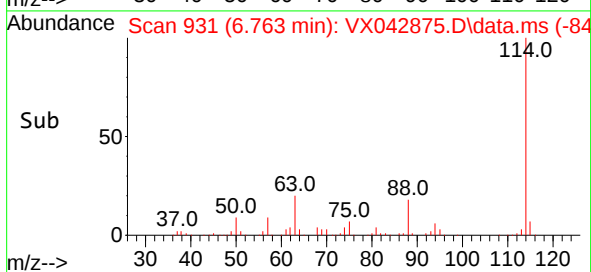
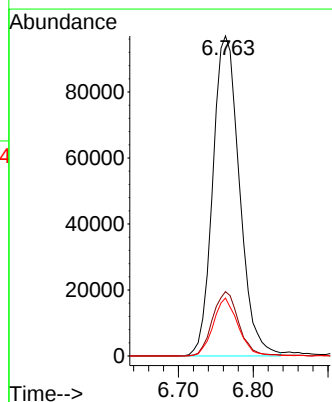
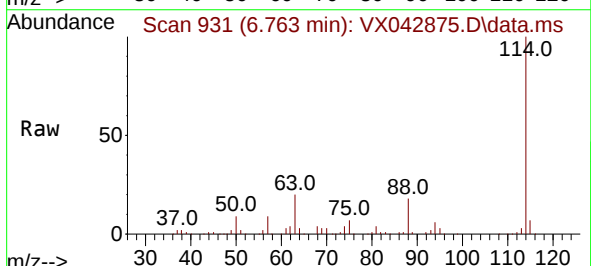
APPROVED

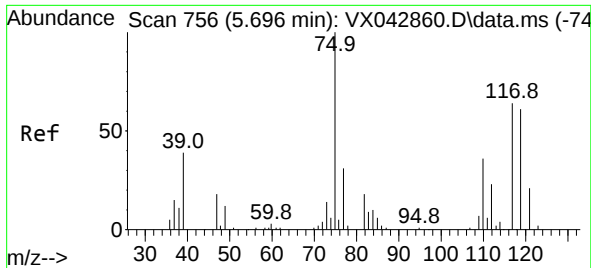
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX042875.D
Acq: 06 Aug 2024 16:43

Tgt Ion:114 Resp: 240527
Ion Ratio Lower Upper
114 100
63 19.8 16.0 24.0
88 16.9 12.5 18.7





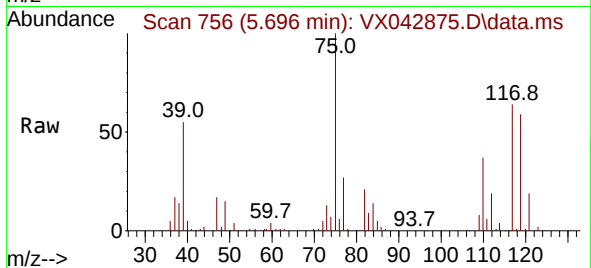
#29
1,1-Dichloropropene
Concen: 17.671 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.000 min
Lab File: VX042875.D
Acq: 06 Aug 2024 16:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



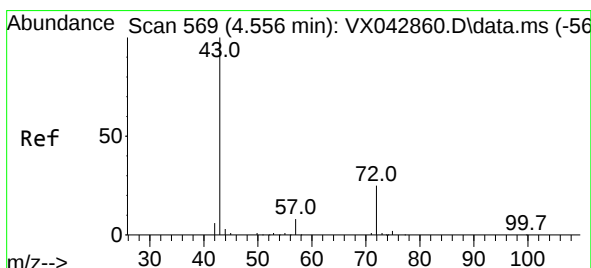
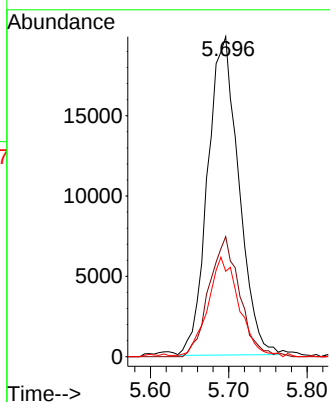
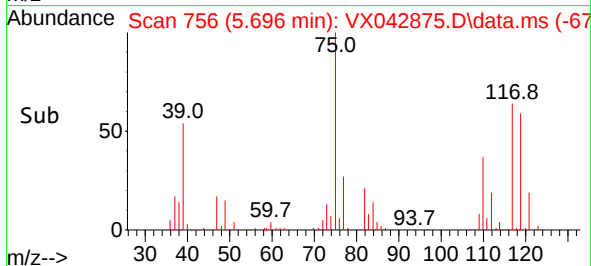
Tgt Ion: 75 Resp: 54774
Ion Ratio Lower Upper
75 100
110 36.7 0.0 72.4
77 31.3 0.0 63.4

Manual Integrations

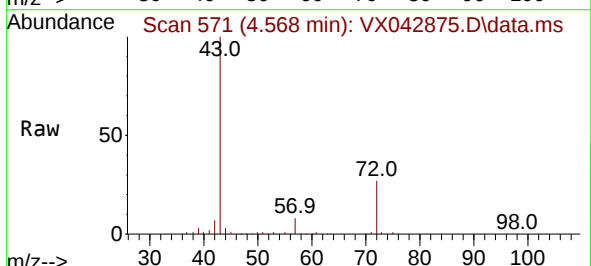
APPROVED

Reviewed By :John Carlone 08/07/2024

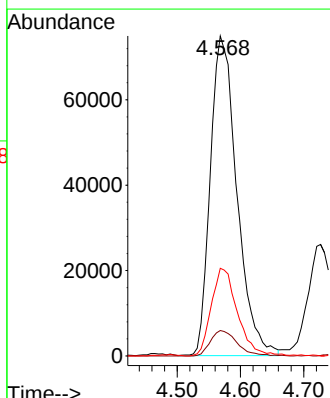
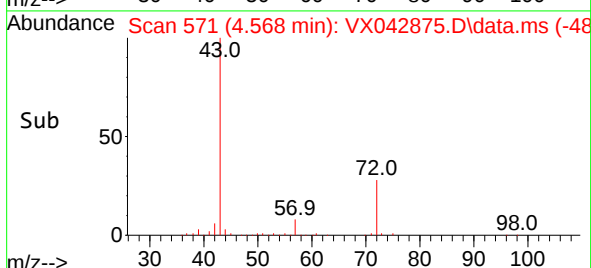
Supervised By :Mahesh Dadoda 08/08/2024

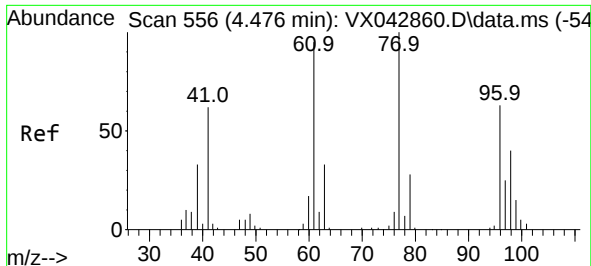


#30
2-Butanone
Concen: 95.633 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.012 min
Lab File: VX042875.D
Acq: 06 Aug 2024 16:43



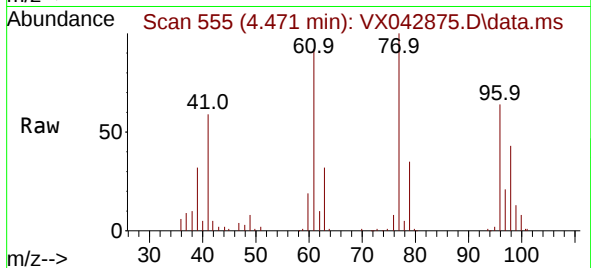
Tgt Ion: 43 Resp: 218294
Ion Ratio Lower Upper
43 100
57 7.9 6.6 10.0
72 26.8 21.0 31.4





#31
2,2-Dichloropropane
Concen: 15.390 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX042875.D
Acq: 06 Aug 2024 16:43

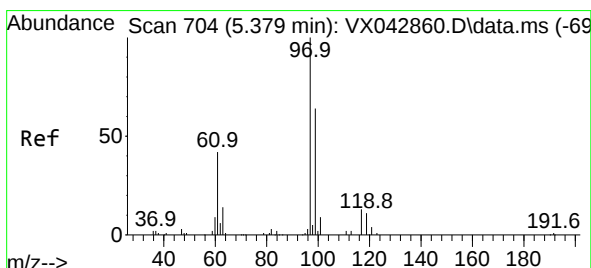
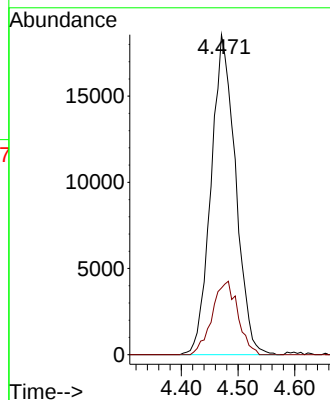
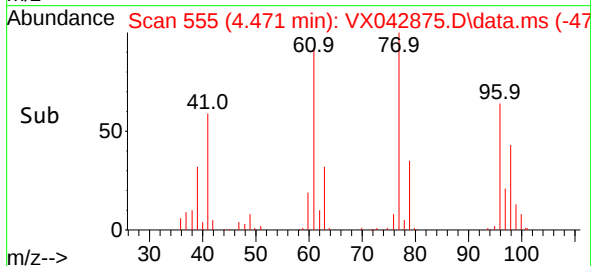
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



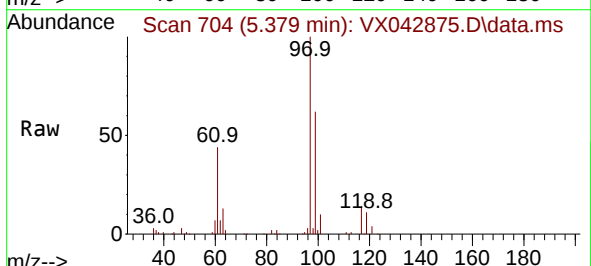
Tgt Ion: 77 Resp: 55740
Ion Ratio Lower Upper
77 100
97 24.1 18.5 27.7

Manual Integrations
APPROVED

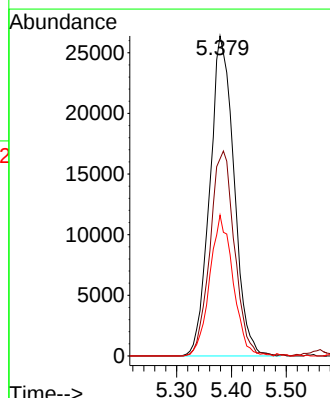
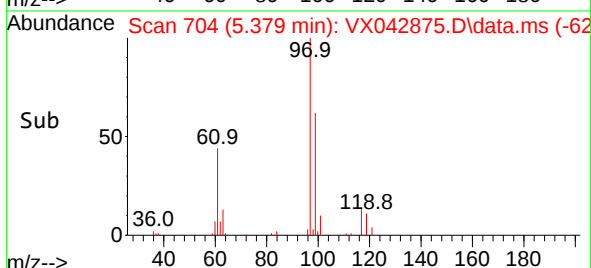
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024

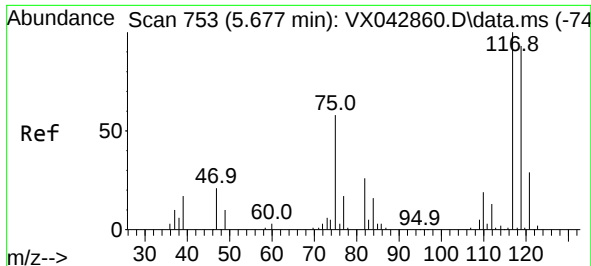


#32
1,1,1-Trichloroethane
Concen: 18.874 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX042875.D
Acq: 06 Aug 2024 16:43



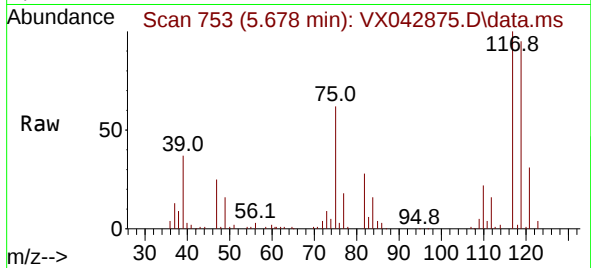
Tgt Ion: 97 Resp: 80996
Ion Ratio Lower Upper
97 100
99 64.2 52.2 78.2
61 42.4 34.3 51.5





#33
Carbon Tetrachloride
Concen: 18.342 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX042875.D
Acq: 06 Aug 2024 16:43

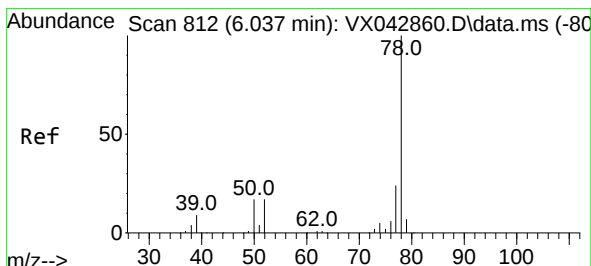
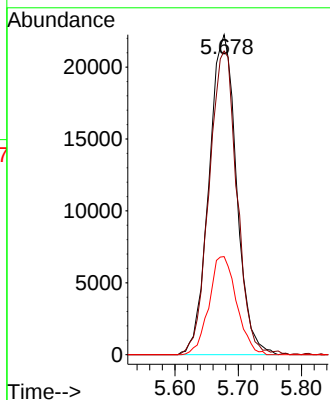
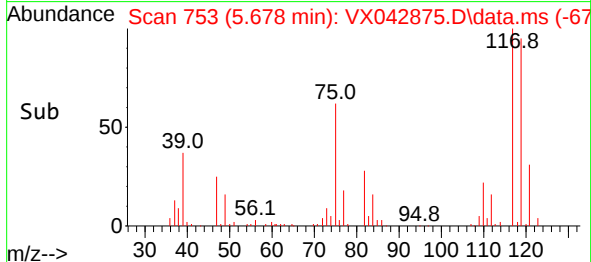
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



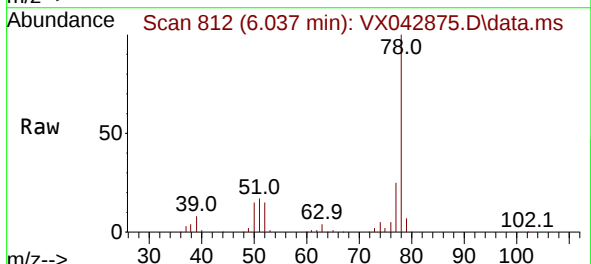
Tgt Ion: 117 Resp: 67329
Ion Ratio Lower Upper
117 100
119 94.9 75.7 113.5
121 30.6 23.3 34.9

Manual Integrations
APPROVED

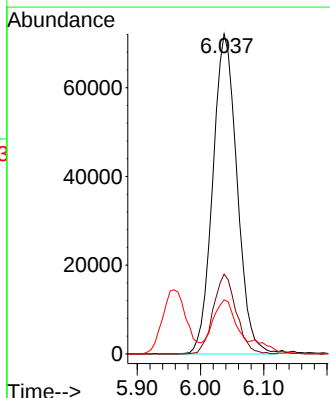
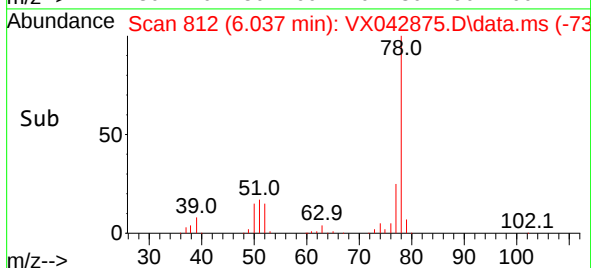
Reviewed By : John Carlone 08/07/2024
Supervised By : Mahesh Dadoda 08/08/2024

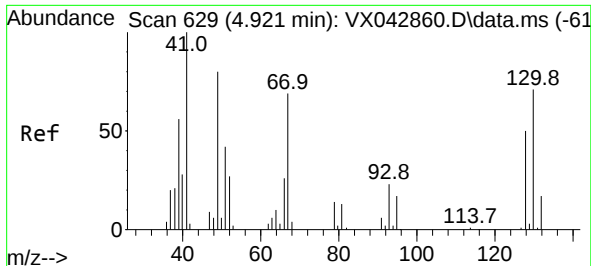


#34
Benzene
Concen: 19.374 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX042875.D
Acq: 06 Aug 2024 16:43



Tgt Ion: 78 Resp: 192260
Ion Ratio Lower Upper
78 100
77 25.0 19.4 29.2
51 16.0 13.5 20.3





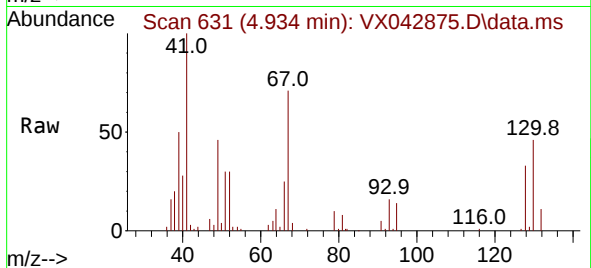
#35
Methacrylonitrile
Concen: 19.844 ug/l
RT: 4.934 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX042875.D
Acq: 06 Aug 2024 16:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



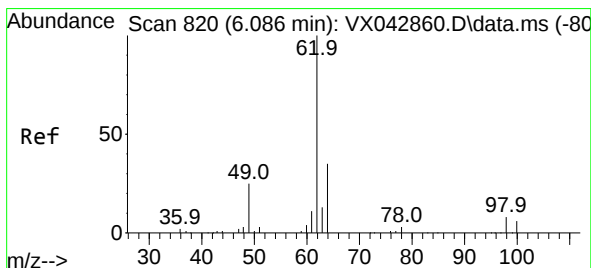
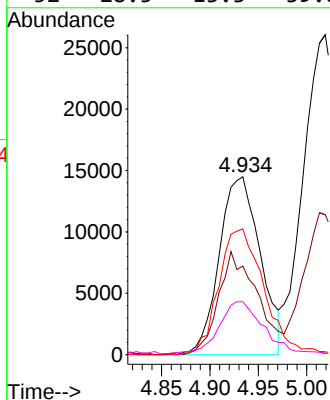
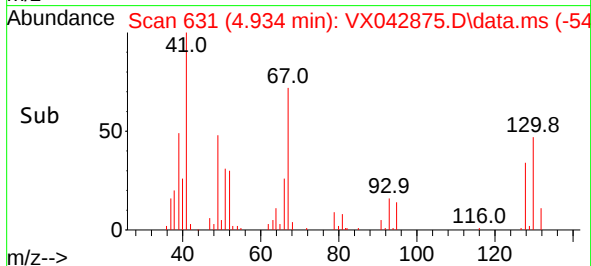
Tgt Ion: 41 Resp: 42794
Ion Ratio Lower Upper
41 100
39 48.7 28.1 84.2
67 70.7 34.4 103.1
52 28.5 13.3 39.8

Manual Integrations

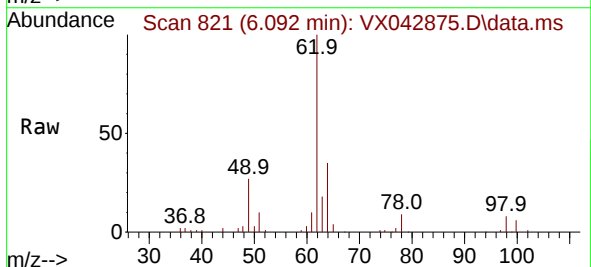
APPROVED

Reviewed By :John Carlone 08/07/2024

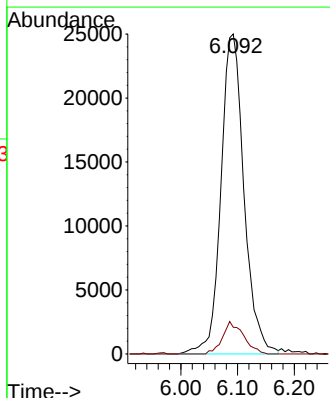
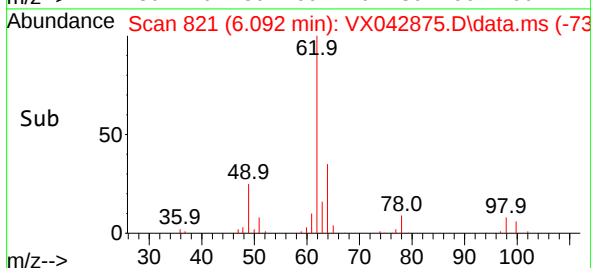
Supervised By :Mahesh Dadoda 08/08/2024

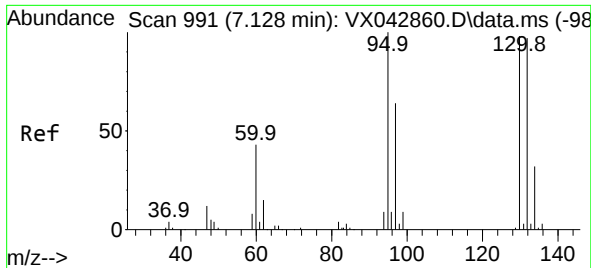


#36
1,2-Dichloroethane
Concen: 19.263 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX042875.D
Acq: 06 Aug 2024 16:43



Tgt Ion: 62 Resp: 70549
Ion Ratio Lower Upper
62 100
98 9.2 6.8 10.2





#37
Trichloroethene
Concen: 17.765 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX042875.D
Acq: 06 Aug 2024 16:43

Instrument :

MSVOA_X

ClientSampleId :

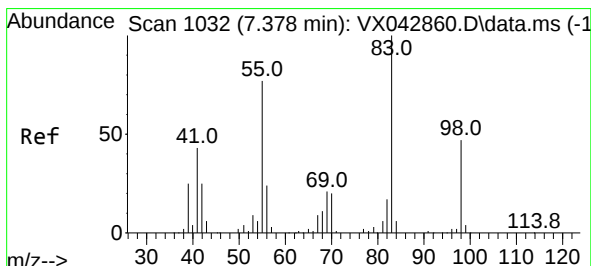
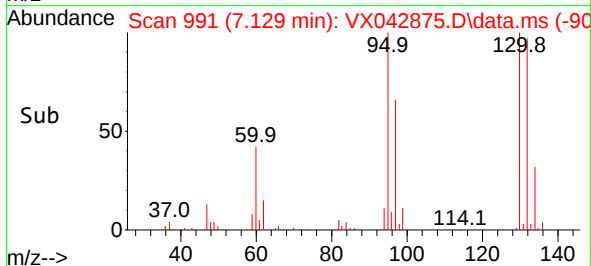
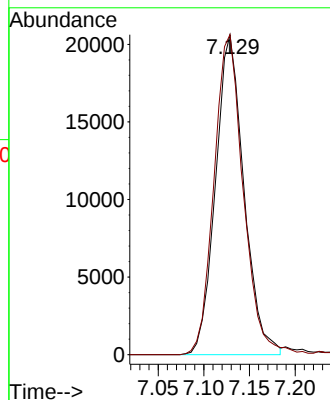
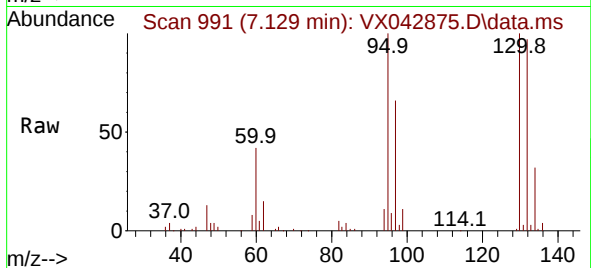
VSTDCCC020EC

Tgt Ion:130 Resp: 4463
Ion Ratio Lower Upper
130 100
95 100.1 81.4 122.2

Manual Integrations

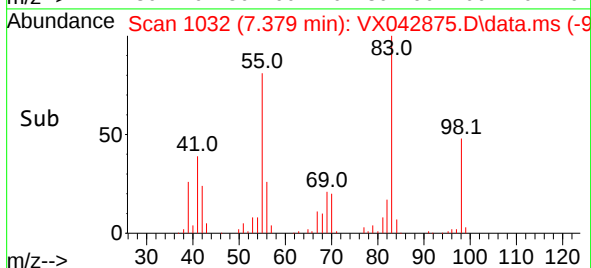
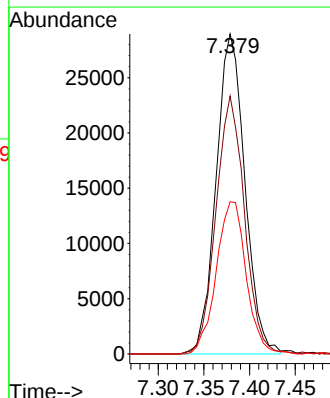
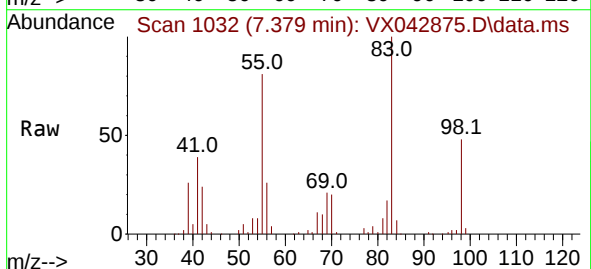
APPROVED

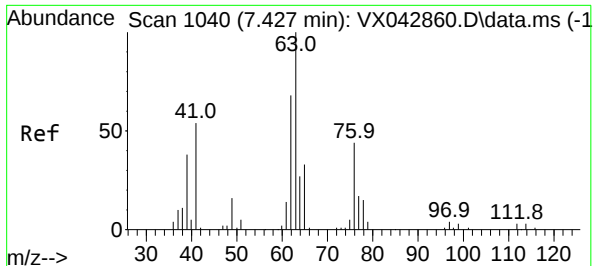
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#38
Methylcyclohexane
Concen: 16.498 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX042875.D
Acq: 06 Aug 2024 16:43

Tgt Ion: 83 Resp: 63375
Ion Ratio Lower Upper
83 100
55 80.0 38.0 113.9
98 49.5 23.4 70.2





#39

1,2-Dichloropropane

Concen: 19.029 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX042875.D

Acq: 06 Aug 2024 16:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 48140

Ion Ratio Lower Upper

63 100

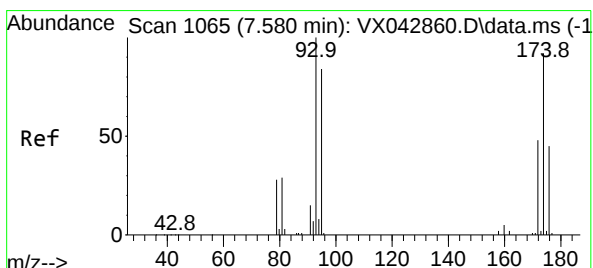
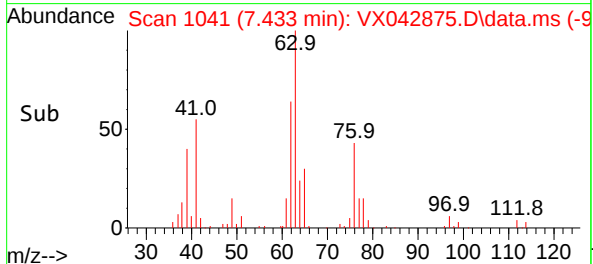
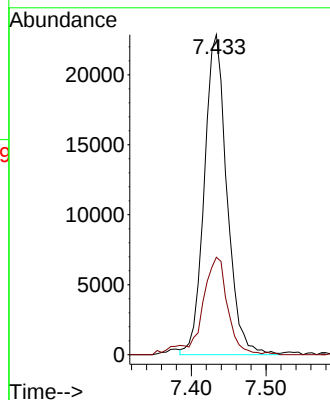
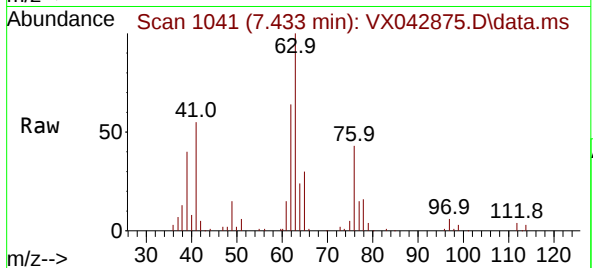
65 30.6 26.6 39.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2024

Supervised By :Mahesh Dadoda 08/08/2024



#40

Dibromomethane

Concen: 18.678 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX042875.D

Acq: 06 Aug 2024 16:43

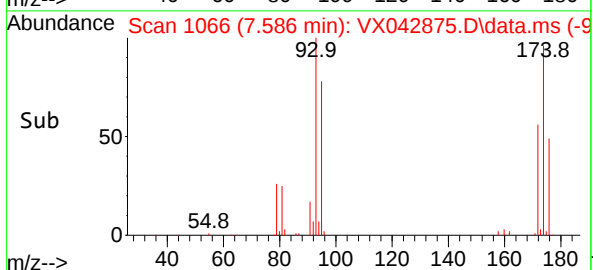
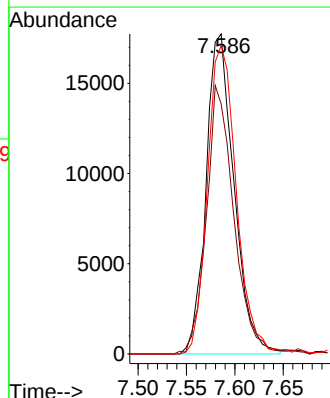
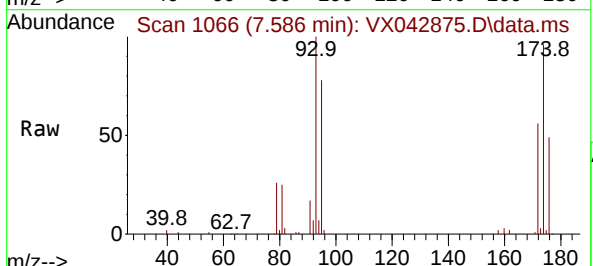
Tgt Ion: 93 Resp: 35677

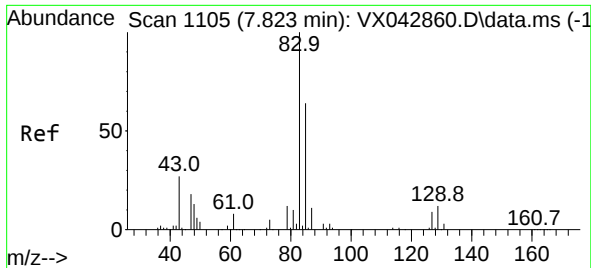
Ion Ratio Lower Upper

93 100

95 82.1 0.0 161.8

174 99.4 0.0 194.0





#41
Bromodichloromethane
Concen: 18.309 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX042875.D
Acq: 06 Aug 2024 16:43

Instrument :

MSVOA_X

ClientSampleId :

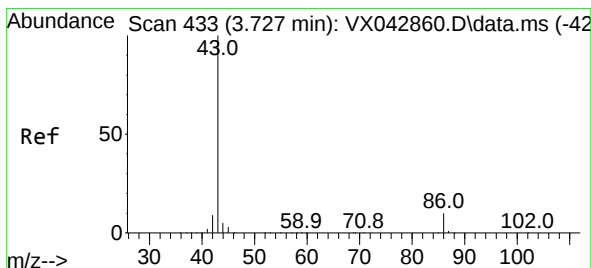
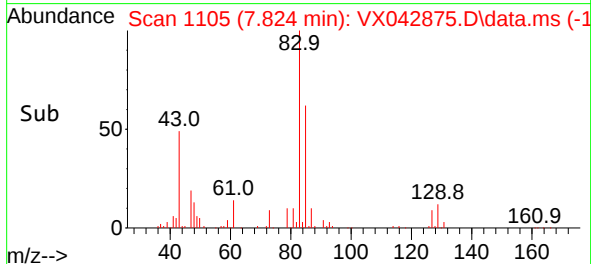
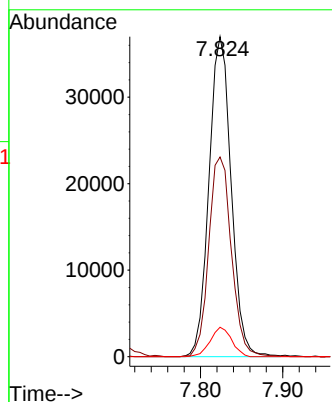
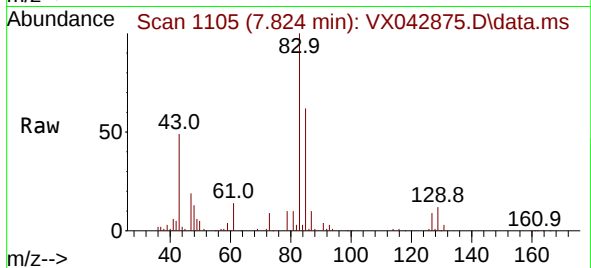
VSTDCCC020EC

Tgt Ion: 83 Resp: 6935
Ion Ratio Lower Upper
83 100
85 62.4 50.8 76.2
127 9.2 6.9 10.3

Manual Integrations

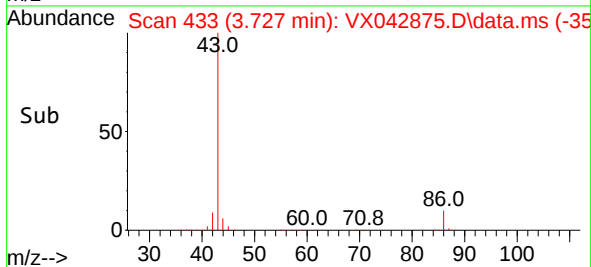
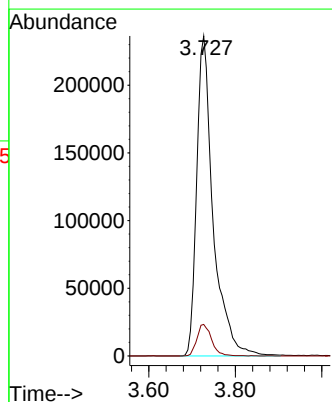
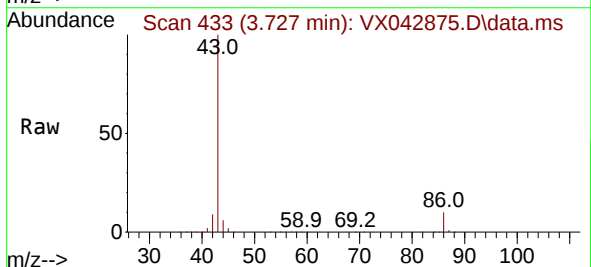
APPROVED

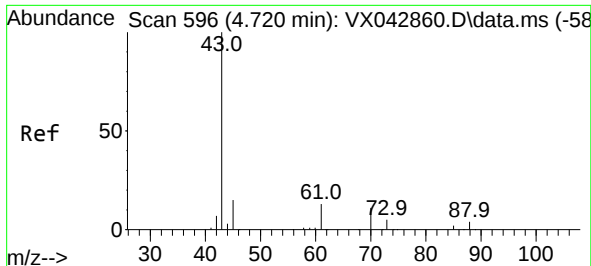
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#42
Vinyl Acetate
Concen: 93.449 ug/l
RT: 3.727 min Scan# 433
Delta R.T. 0.000 min
Lab File: VX042875.D
Acq: 06 Aug 2024 16:43

Tgt Ion: 43 Resp: 623868
Ion Ratio Lower Upper
43 100
86 8.7 7.2 10.8





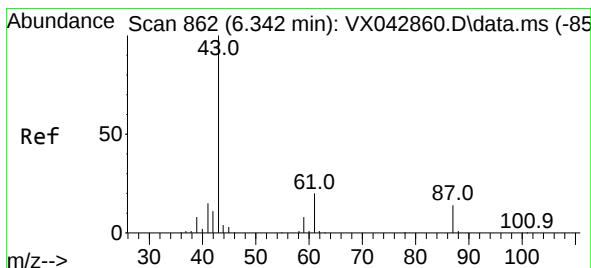
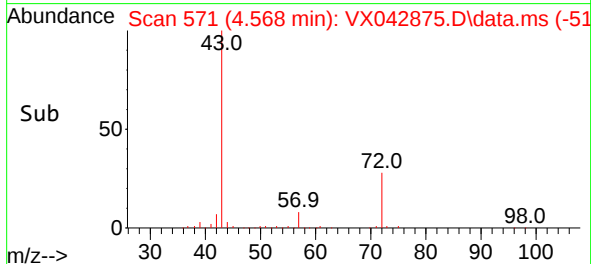
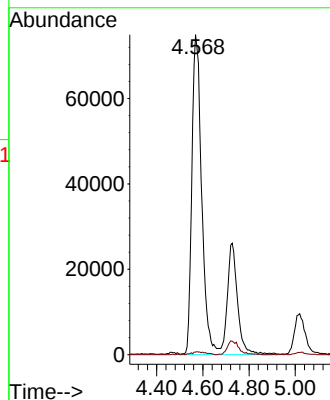
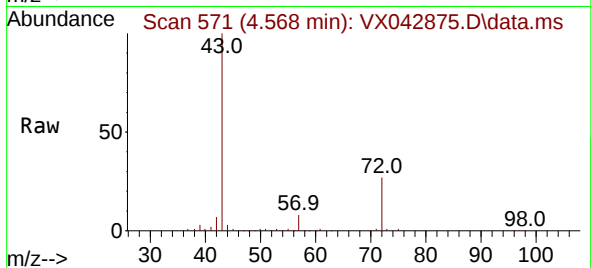
#43
Ethyl Acetate
Concen: 78.530 ug/l m
RT: 4.568 min Scan# 51
Delta R.T. -0.152 min
Lab File: VX042875.D
Acq: 06 Aug 2024 16:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 43 Resp: 300710
Ion Ratio Lower Upper
43 100
45 0.0 12.5 18.7

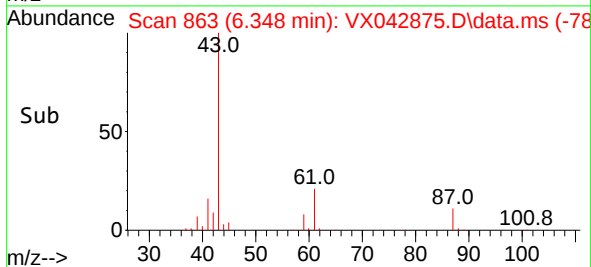
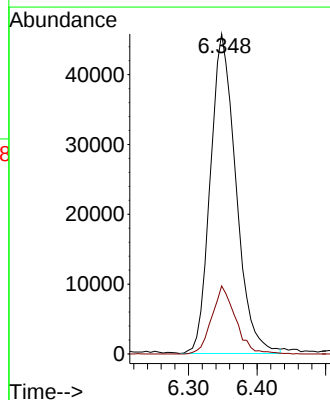
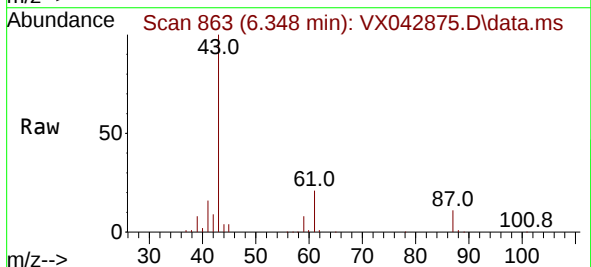
Manual Integrations
APPROVED

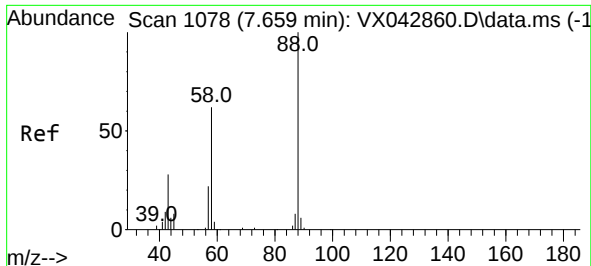
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#44
Isopropyl Acetate
Concen: 19.305 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX042875.D
Acq: 06 Aug 2024 16:43

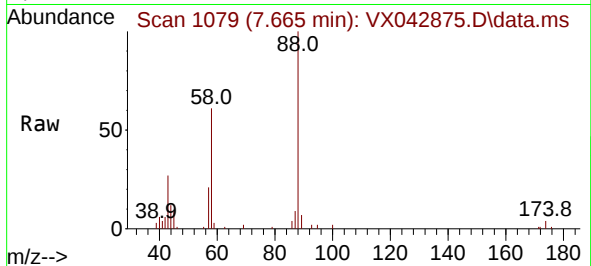
Tgt Ion: 43 Resp: 118973
Ion Ratio Lower Upper
43 100
61 19.7 15.4 23.0





#45
1,4-Dioxane
Concen: 390.903 ug/l m
RT: 7.665 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VX042875.D
Acq: 06 Aug 2024 16:43

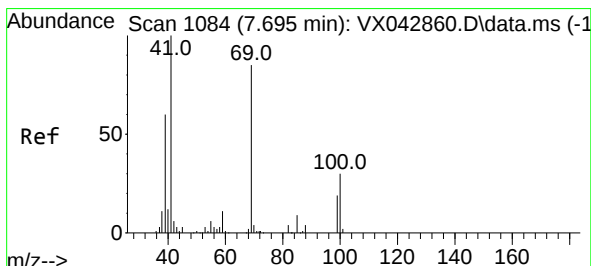
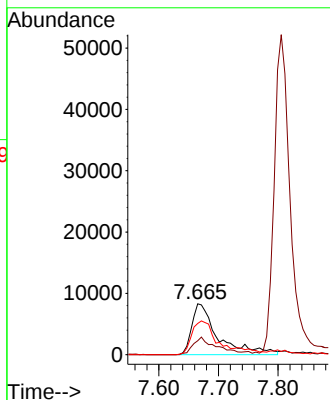
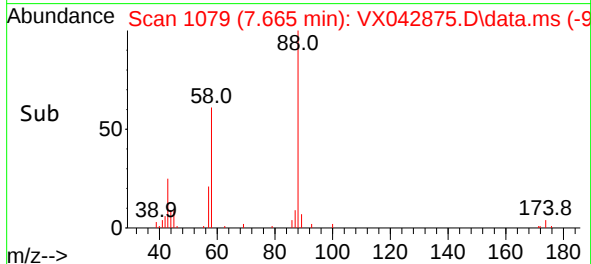
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 88 Resp: 25220
Ion Ratio Lower Upper
88 100
43 27.1 25.8 38.6
58 60.0 55.5 83.3

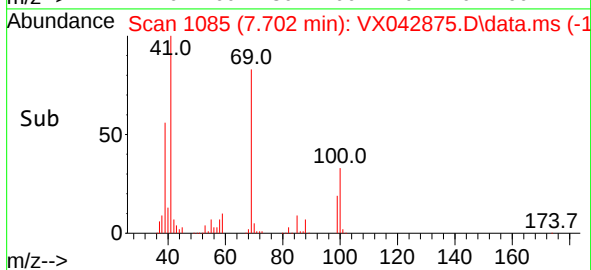
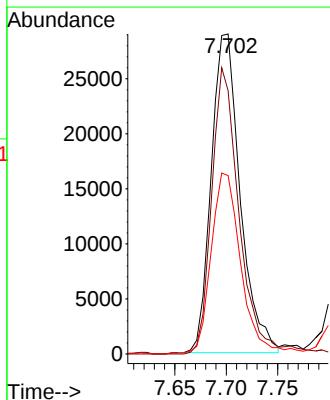
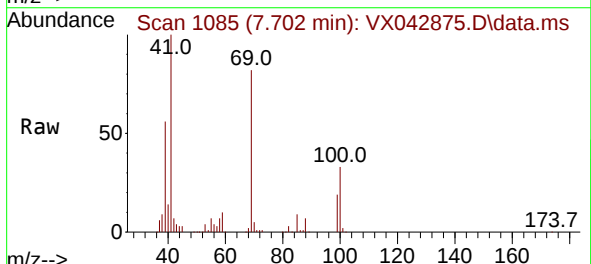
Manual Integrations
APPROVED

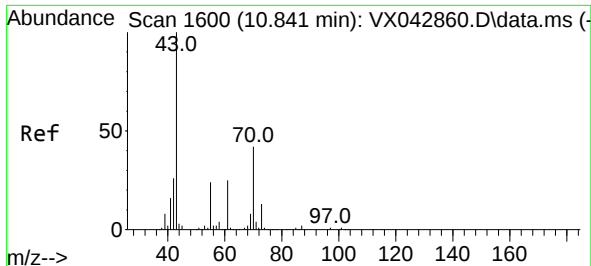
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#46
Methyl methacrylate
Concen: 18.487 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.006 min
Lab File: VX042875.D
Acq: 06 Aug 2024 16:43

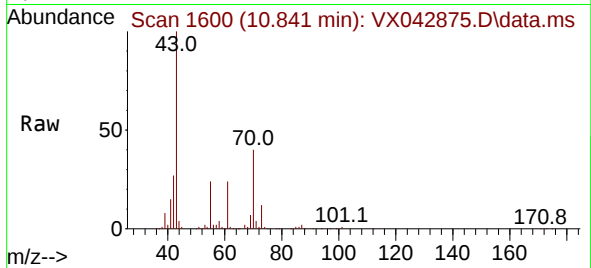
Tgt Ion: 41 Resp: 56619
Ion Ratio Lower Upper
41 100
69 82.6 42.4 127.1
39 55.7 29.9 89.7





#47
n-amy1 Acetate
Concen: 17.956 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX042875.D
Acq: 06 Aug 2024 16:43

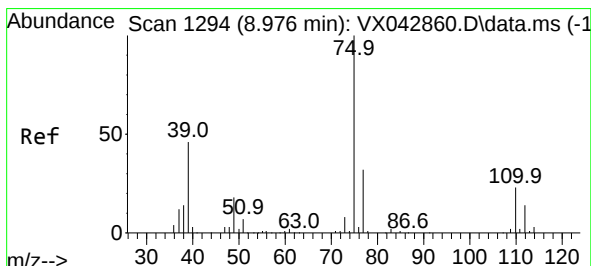
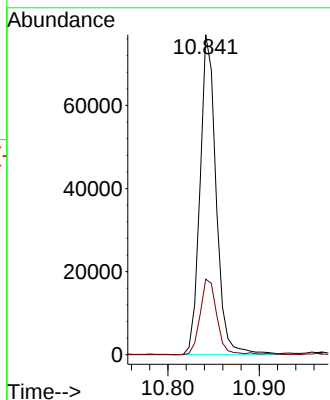
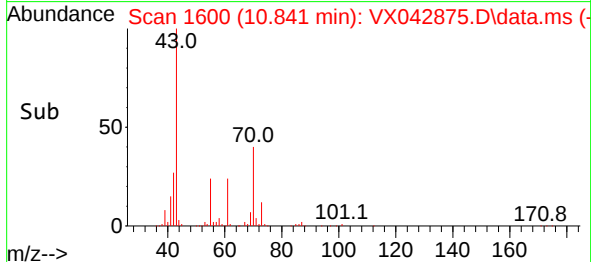
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 94662
Ion Ratio Lower Upper
43 100
55 24.2 19.6 29.4

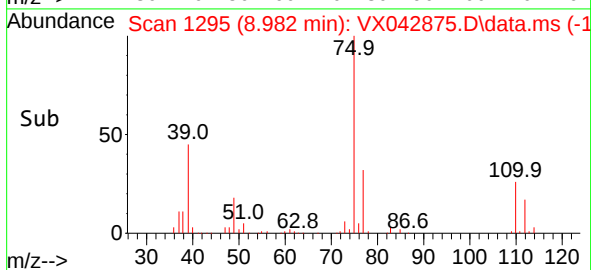
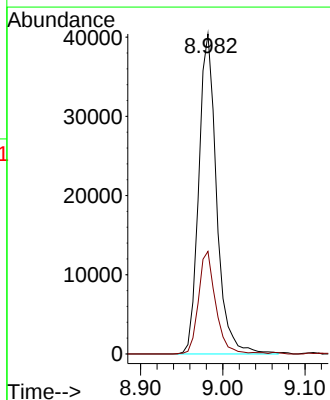
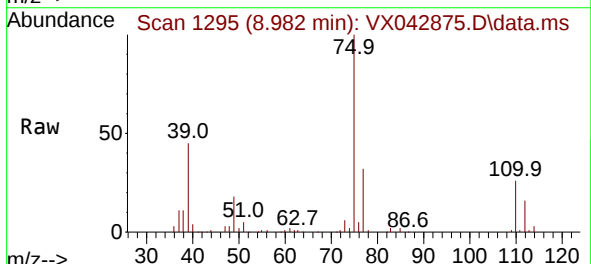
Manual Integrations
APPROVED

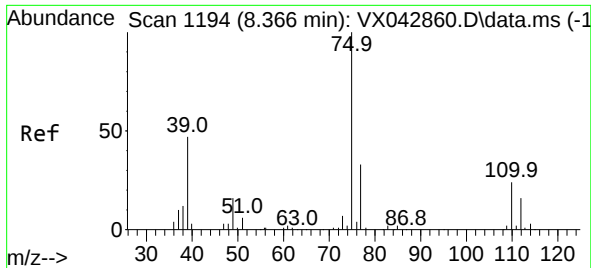
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#48
t-1,3-Dichloropropene
Concen: 16.790 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.006 min
Lab File: VX042875.D
Acq: 06 Aug 2024 16:43

Tgt Ion: 75 Resp: 60965
Ion Ratio Lower Upper
75 100
77 31.9 25.6 38.4





#49

cis-1,3-Dichloropropene

Concen: 17.760 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX042875.D

Acq: 06 Aug 2024 16:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 75 Resp: 6983

Ion Ratio Lower Upper

75 100

77 31.3 26.8 40.2

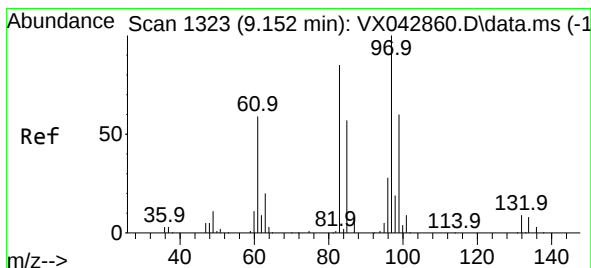
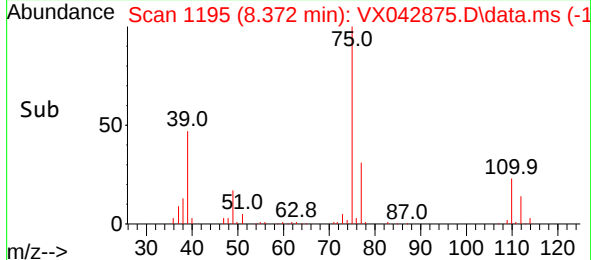
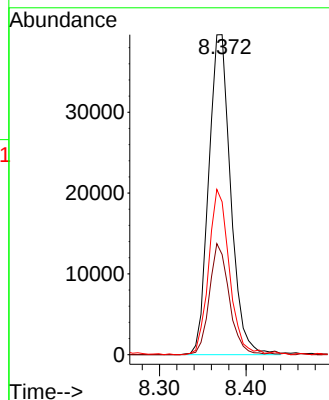
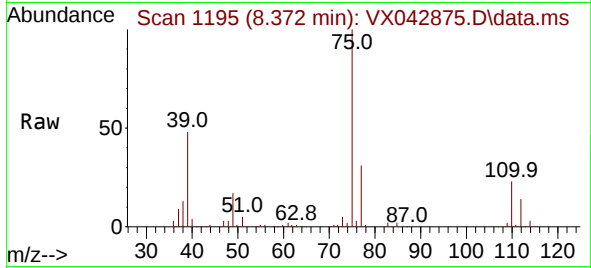
39 47.7 37.5 56.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2024

Supervised By :Mahesh Dadoda 08/08/2024



#50

1,1,2-Trichloroethane

Concen: 19.913 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX042875.D

Acq: 06 Aug 2024 16:43

Tgt Ion: 97 Resp: 51876

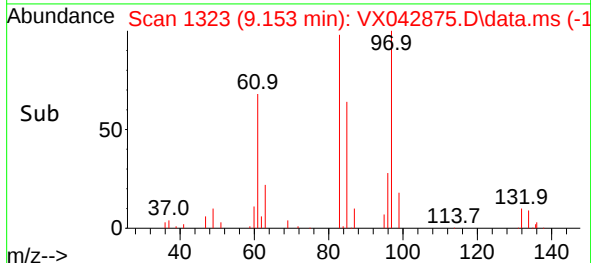
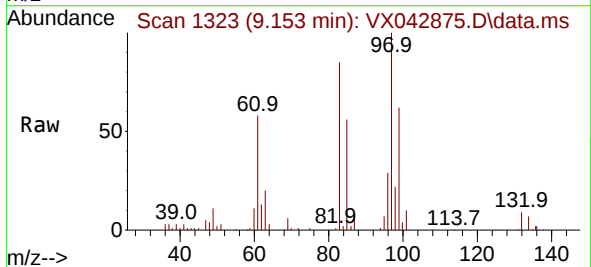
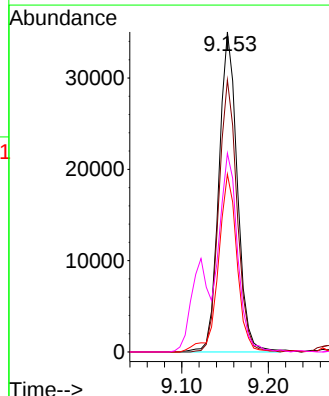
Ion Ratio Lower Upper

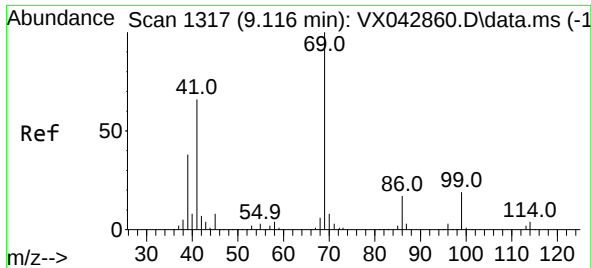
97 100

83 85.0 68.2 102.2

85 55.5 45.4 68.0

99 61.5 49.0 73.4





#51
Ethyl methacrylate
Concen: 18.428 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX042875.D
Acq: 06 Aug 2024 16:43

Instrument :

MSVOA_X

ClientSampleId :

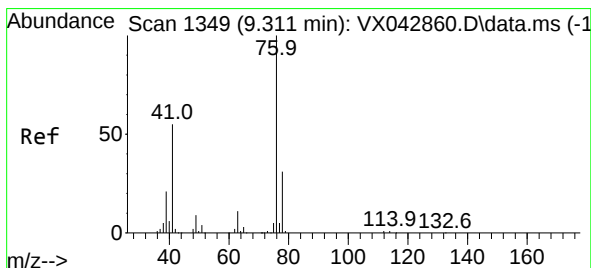
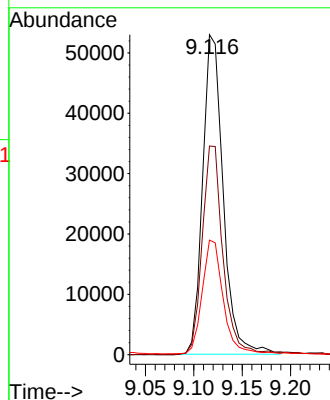
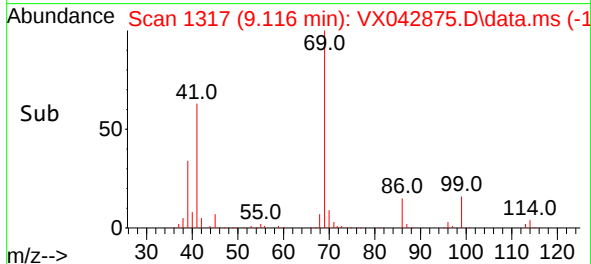
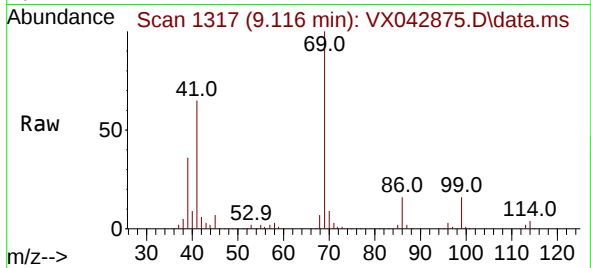
VSTDCCC020EC

Tgt Ion: 69 Resp: 7855
Ion Ratio Lower Upper
69 100
41 65.2 33.1 99.2
39 35.5 18.8 56.3

Manual Integrations

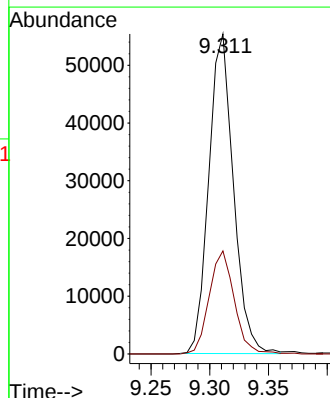
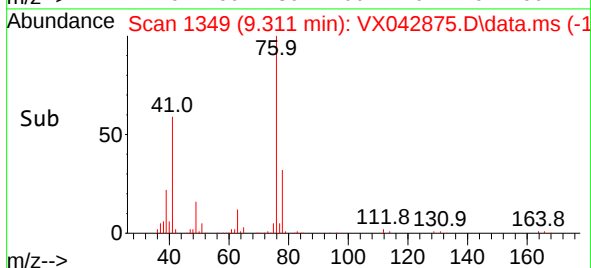
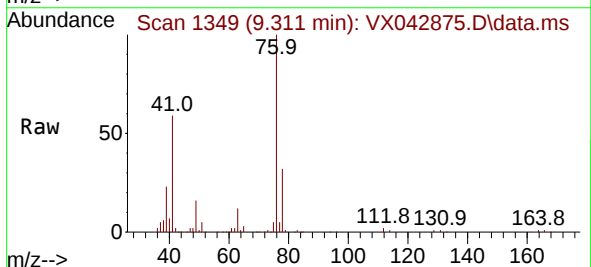
APPROVED

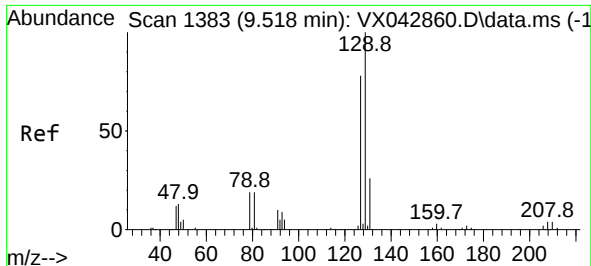
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#52
1,3-Dichloropropane
Concen: 18.936 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX042875.D
Acq: 06 Aug 2024 16:43

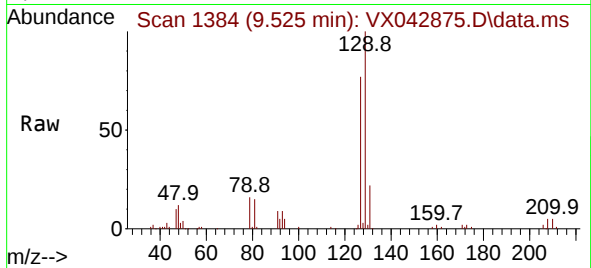
Tgt Ion: 76 Resp: 80955
Ion Ratio Lower Upper
76 100
78 32.4 0.0 64.8





#53
Dibromochloromethane
Concen: 17.621 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX042875.D
Acq: 06 Aug 2024 16:43

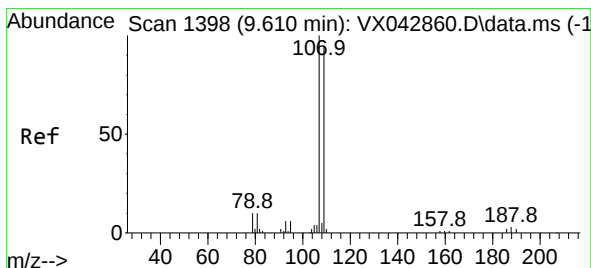
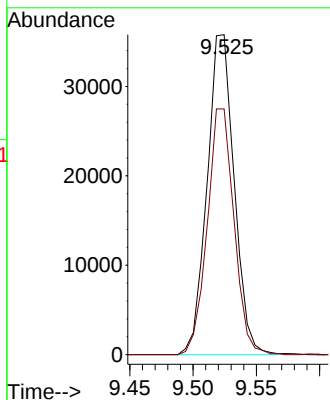
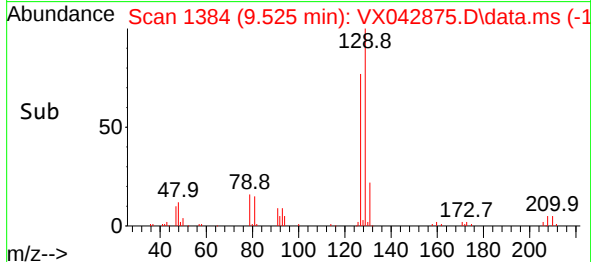
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:129 Resp: 5342
Ion Ratio Lower Upper
129 100
127 75.8 38.5 115.3

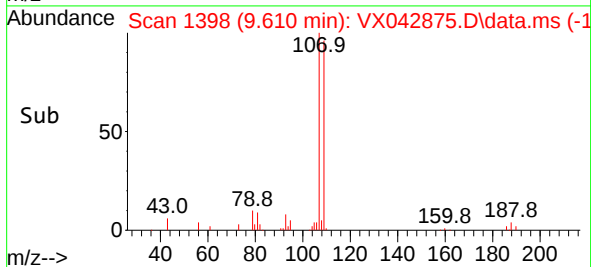
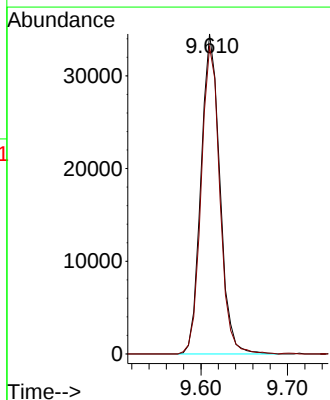
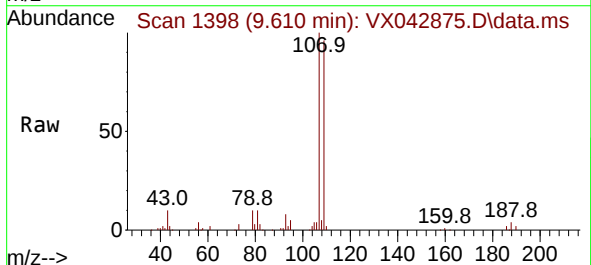
Manual Integrations
APPROVED

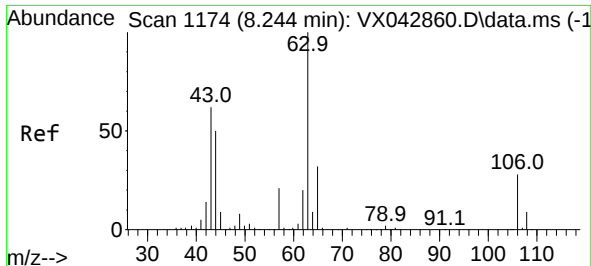
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#54
1,2-Dibromoethane
Concen: 19.272 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX042875.D
Acq: 06 Aug 2024 16:43

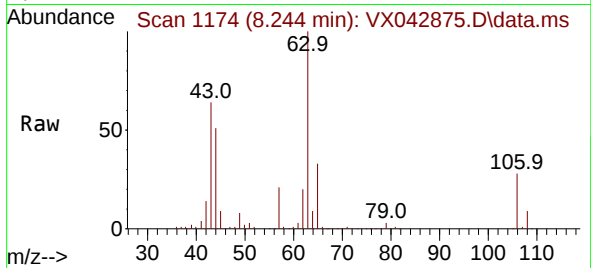
Tgt Ion:107 Resp: 52216
Ion Ratio Lower Upper
107 100
109 94.8 74.2 111.4





#55
2-Chloroethyl vinyl ether
Concen: 102.735 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX042875.D
Acq: 06 Aug 2024 16:43

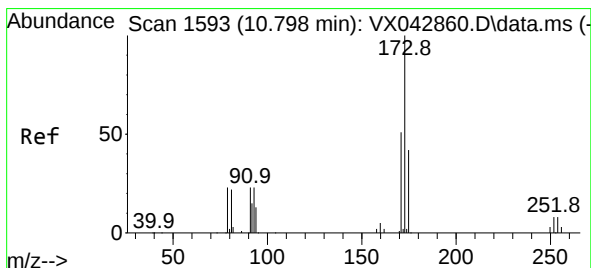
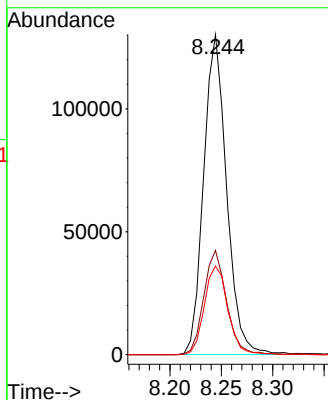
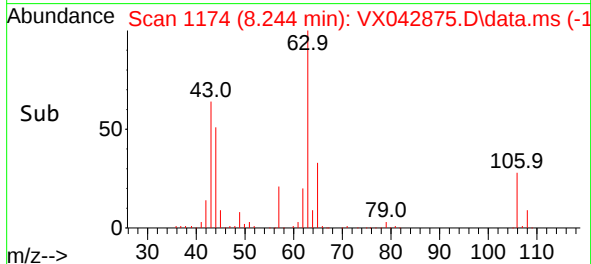
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 63 Resp: 202230
Ion Ratio Lower Upper
63 100
65 32.4 26.3 39.5
106 28.3 21.8 32.6

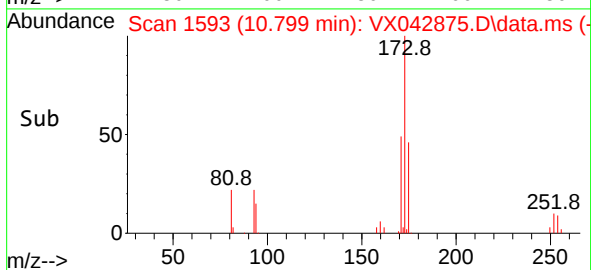
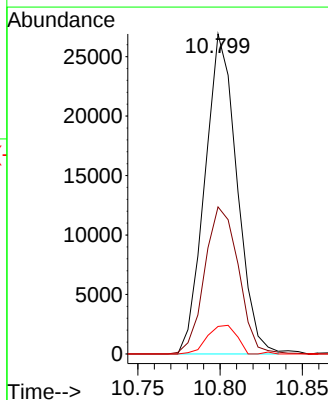
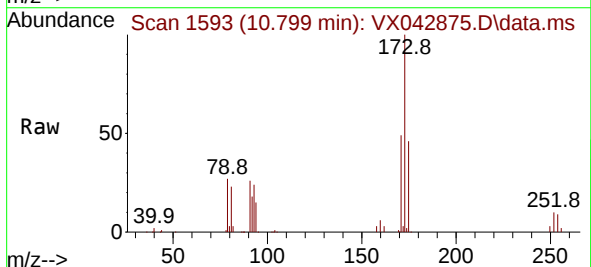
Manual Integrations
APPROVED

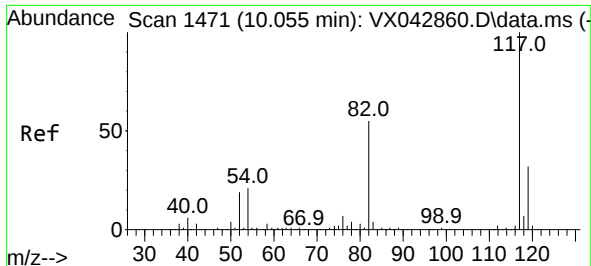
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#56
Bromoform
Concen: 16.802 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX042875.D
Acq: 06 Aug 2024 16:43

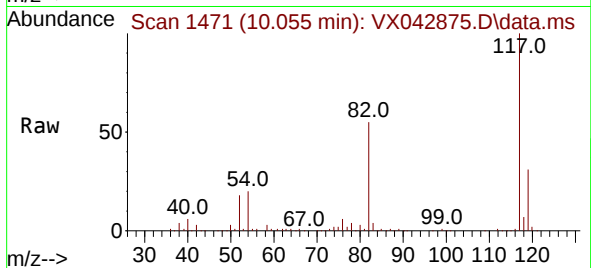
Tgt Ion:173 Resp: 36516
Ion Ratio Lower Upper
173 100
175 48.4 37.1 55.7
254 8.2 6.6 10.0





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042875.D
Acq: 06 Aug 2024 16:43

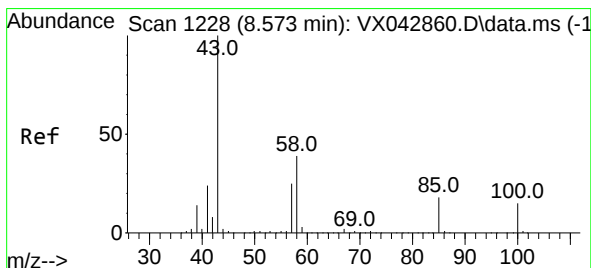
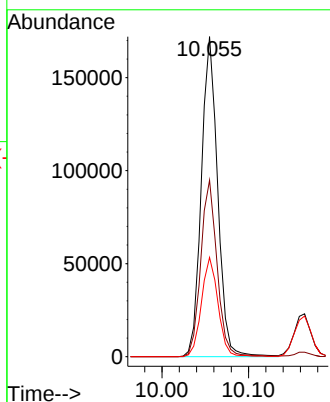
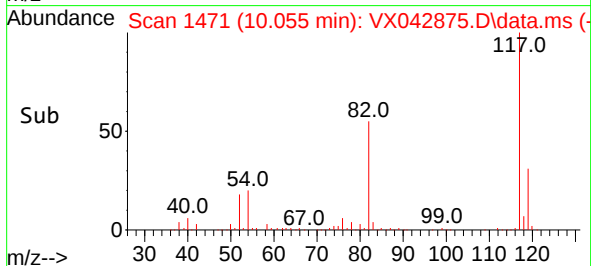
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 117 Resp: 224775
Ion Ratio Lower Upper
117 100
82 55.4 44.9 67.3
119 31.5 25.4 38.2

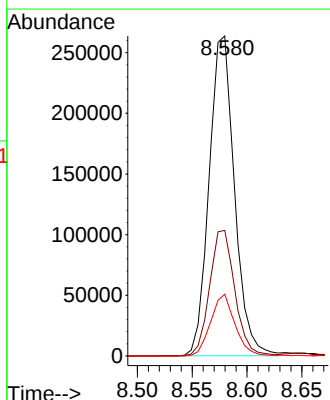
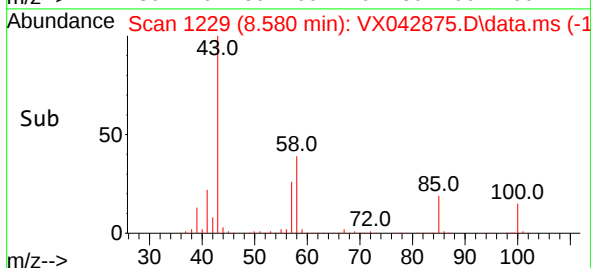
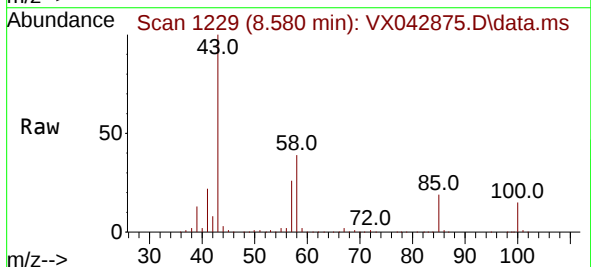
Manual Integrations
APPROVED

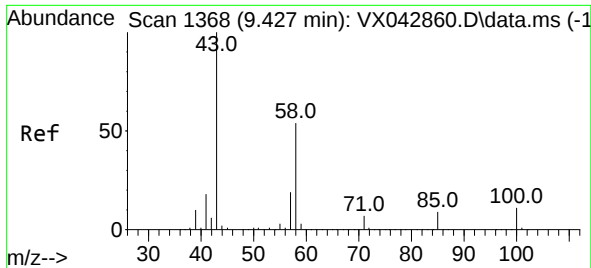
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#58
4-Methyl-2-Pentanone
Concen: 100.397 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX042875.D
Acq: 06 Aug 2024 16:43

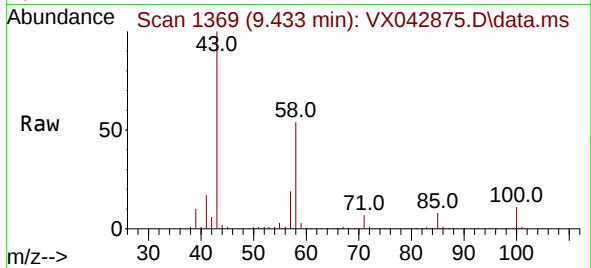
Tgt Ion: 43 Resp: 424970
Ion Ratio Lower Upper
43 100
58 39.1 31.4 47.0
85 18.5 14.6 21.8





#59
2-Hexanone
Concen: 97.466 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX042875.D
Acq: 06 Aug 2024 16:43

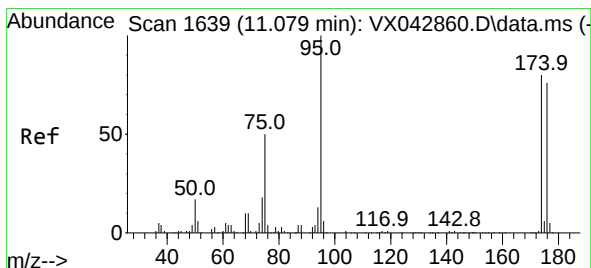
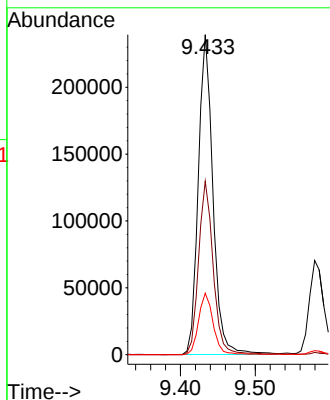
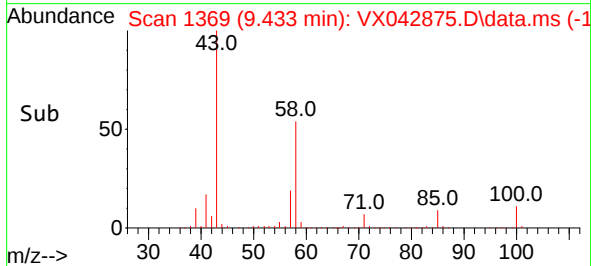
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 326090
Ion Ratio Lower Upper
43 100
58 53.7 43.5 65.3
57 18.9 15.0 22.6

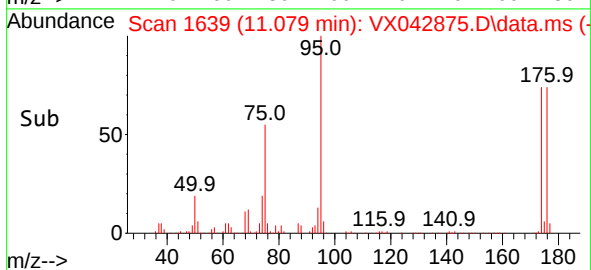
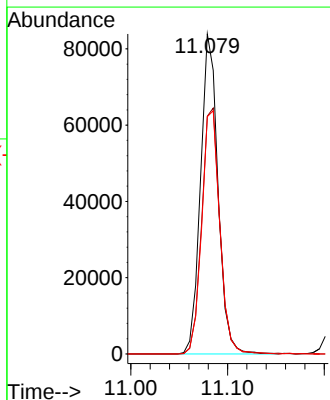
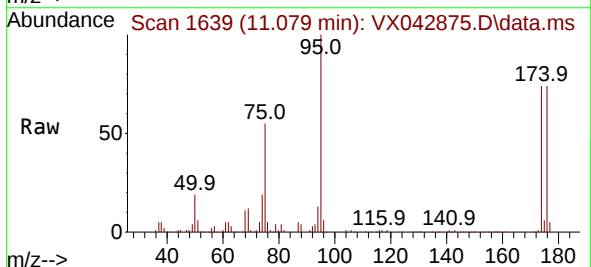
Manual Integrations
APPROVED

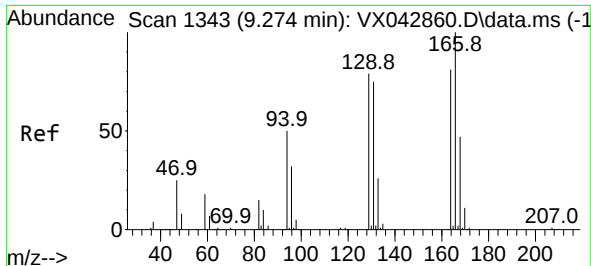
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#60
4-Bromofluorobenzene
Concen: 28.719 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042875.D
Acq: 06 Aug 2024 16:43

Tgt Ion: 95 Resp: 105314
Ion Ratio Lower Upper
95 100
174 79.5 65.0 97.6
176 78.8 63.4 95.0





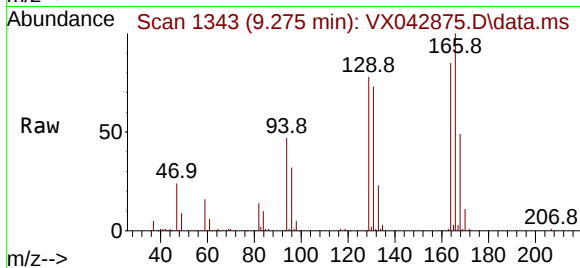
#61
Tetrachloroethene
Concen: 18.647 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042875.D
Acq: 06 Aug 2024 16:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



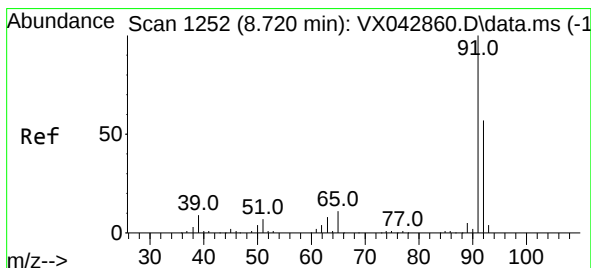
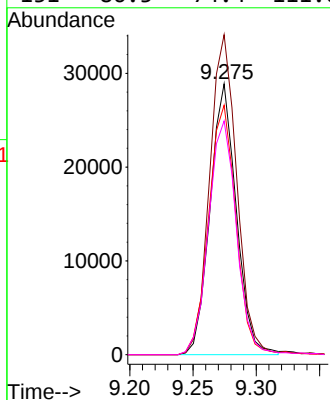
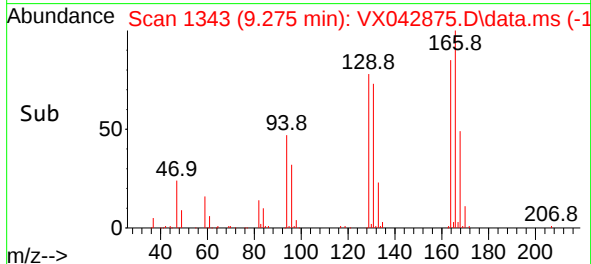
Tgt Ion:164 Resp: 41614
Ion Ratio Lower Upper
164 100
166 118.1 98.6 147.8
129 92.1 77.4 116.0
131 86.3 74.4 111.6

Manual Integrations

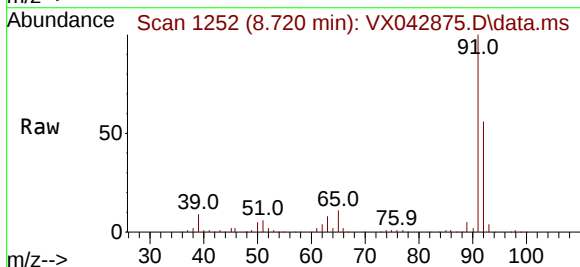
APPROVED

Reviewed By :John Carlone 08/07/2024

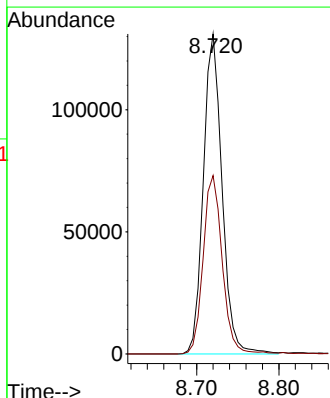
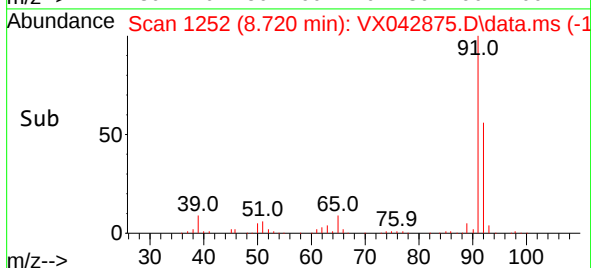
Supervised By :Mahesh Dadoda 08/08/2024

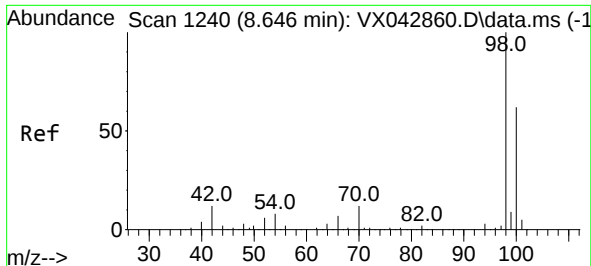


#62
Toluene
Concen: 18.847 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX042875.D
Acq: 06 Aug 2024 16:43



Tgt Ion: 91 Resp: 207487
Ion Ratio Lower Upper
91 100
92 56.5 45.7 68.5





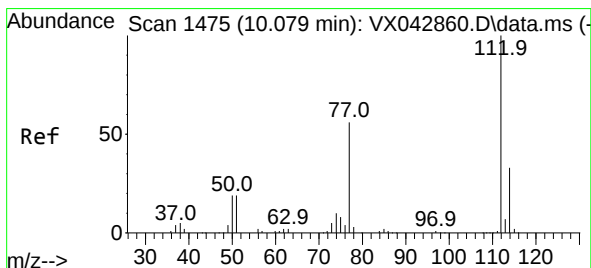
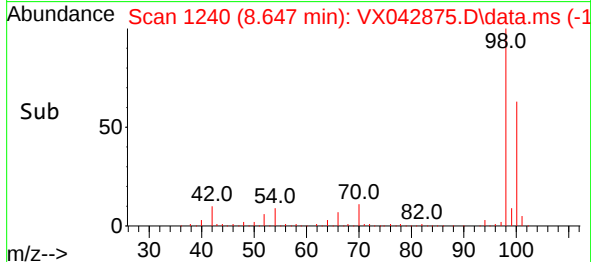
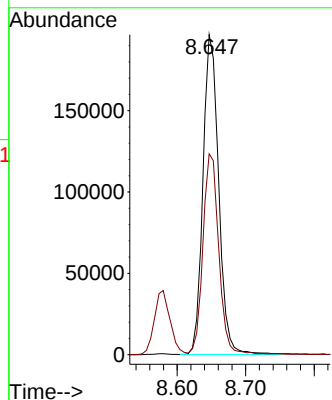
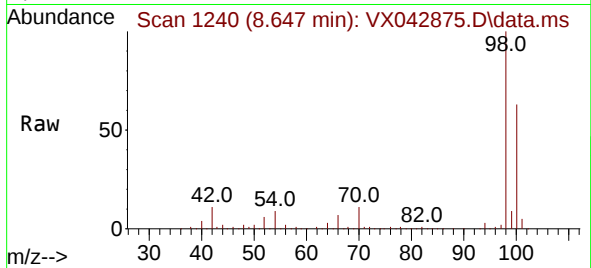
#63
Toluene-d8
Concen: 30.961 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX042875.D
Acq: 06 Aug 2024 16:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 98 Resp: 314349
Ion Ratio Lower Upper
98 100
100 62.8 50.9 76.3

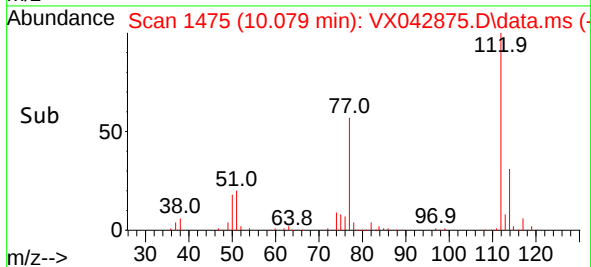
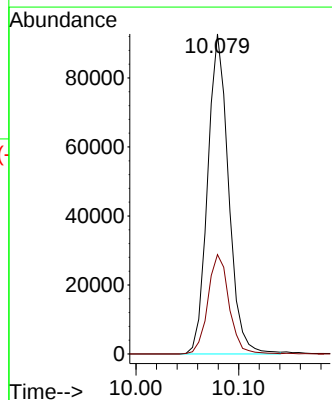
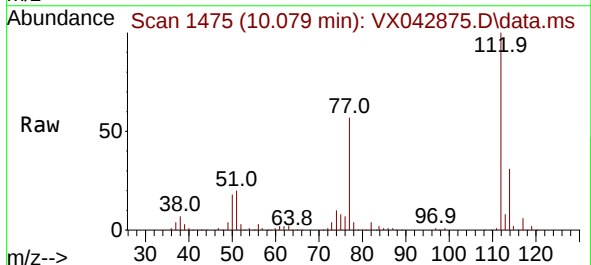
Manual Integrations
APPROVED

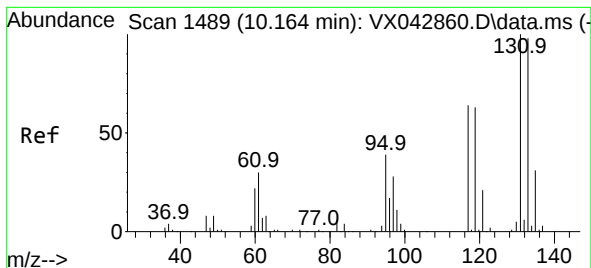
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#64
Chlorobenzene
Concen: 18.592 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX042875.D
Acq: 06 Aug 2024 16:43

Tgt Ion:112 Resp: 131006
Ion Ratio Lower Upper
112 100
114 31.1 26.3 39.5





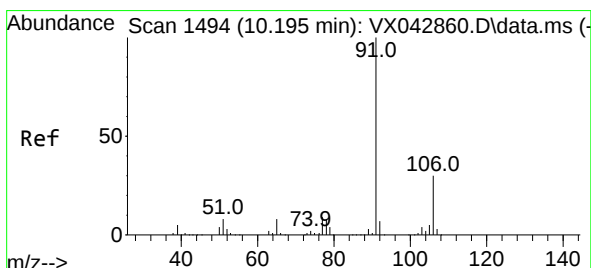
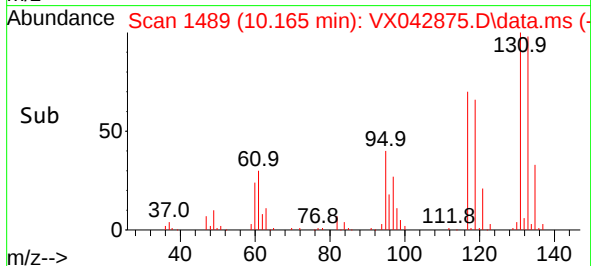
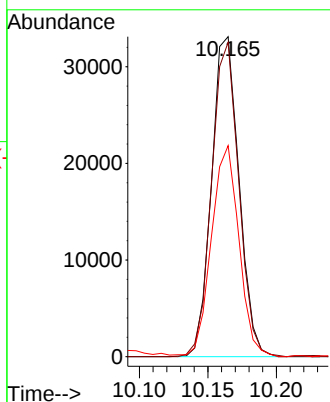
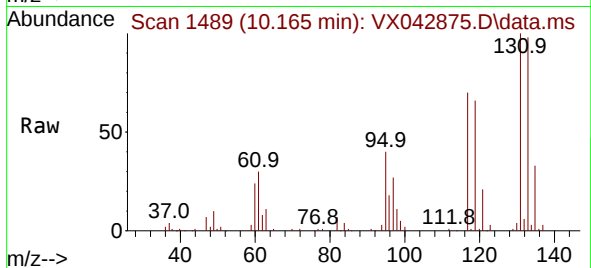
#65
1,1,1,2-Tetrachloroethane
Concen: 18.038 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX042875.D
Acq: 06 Aug 2024 16:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:131 Resp: 46140
Ion Ratio Lower Upper
131 100
133 97.1 0.0 188.2
119 66.0 0.0 131.0

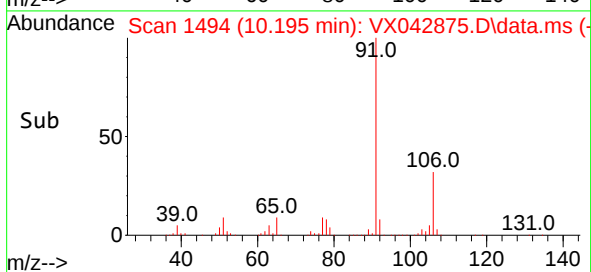
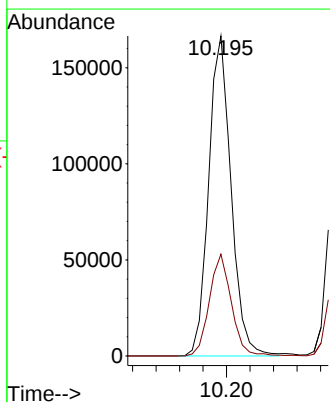
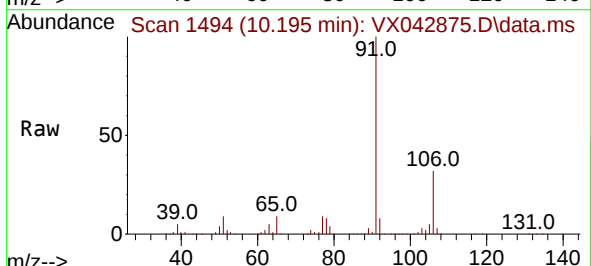
Manual Integrations
APPROVED

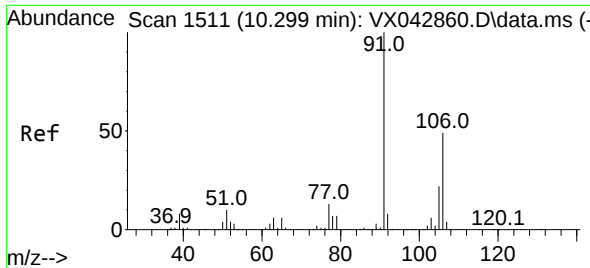
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#66
Ethyl Benzene
Concen: 18.011 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX042875.D
Acq: 06 Aug 2024 16:43

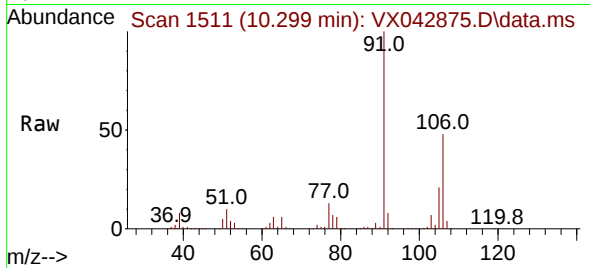
Tgt Ion: 91 Resp: 220388
Ion Ratio Lower Upper
91 100
106 31.8 23.8 35.8





#67
m/p-Xylenes
Concen: 36.026 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX042875.D
Acq: 06 Aug 2024 16:43

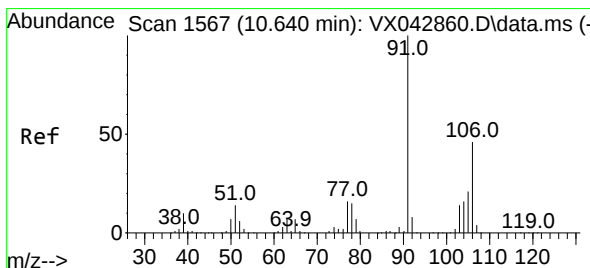
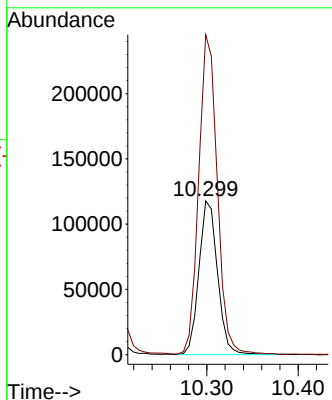
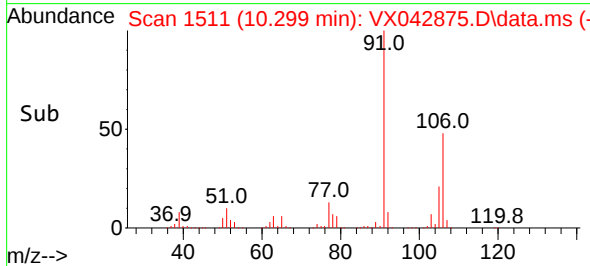
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



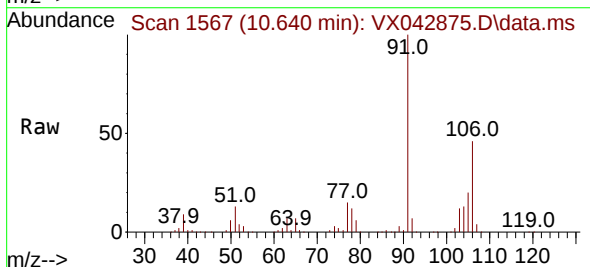
Tgt Ion:106 Resp: 16667
Ion Ratio Lower Upper
106 100
91 208.2 165.3 247.9

Manual Integrations
APPROVED

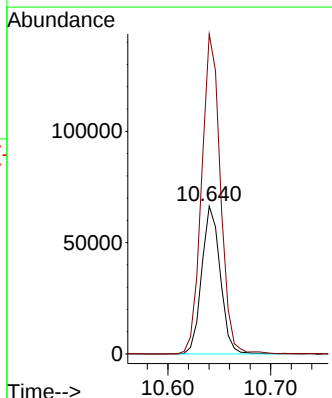
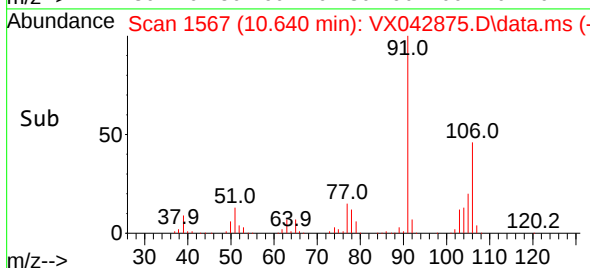
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024

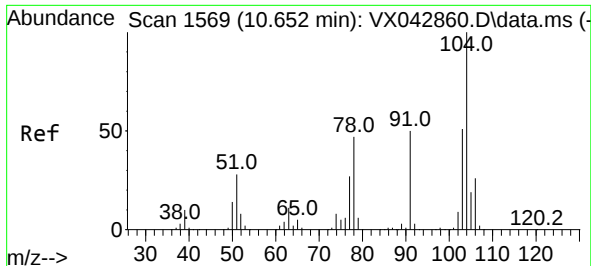


#68
o-Xylene
Concen: 18.285 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX042875.D
Acq: 06 Aug 2024 16:43



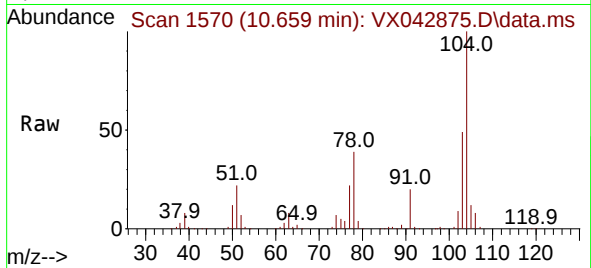
Tgt Ion:106 Resp: 83388
Ion Ratio Lower Upper
106 100
91 217.9 107.5 322.4





#69
Styrene
Concen: 17.986 ug/l
RT: 10.659 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VX042875.D
Acq: 06 Aug 2024 16:43

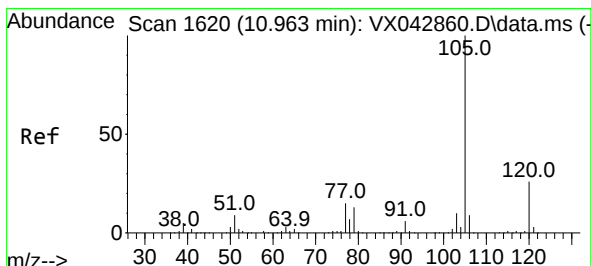
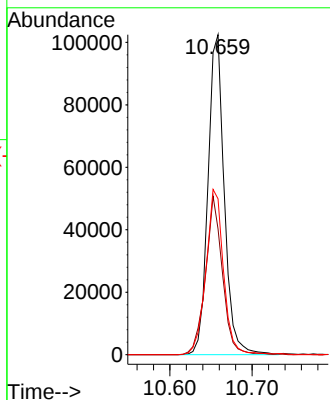
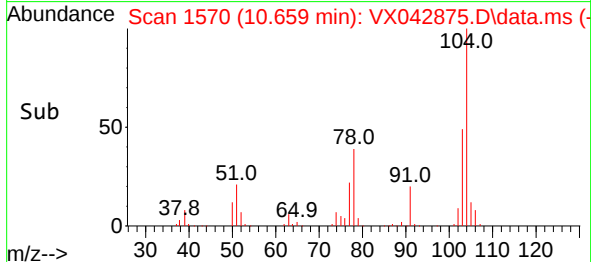
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



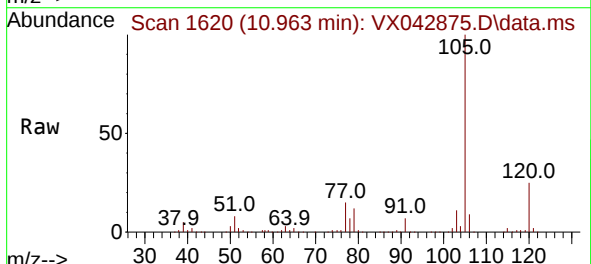
Tgt Ion:104 Resp: 141249
Ion Ratio Lower Upper
104 100
78 50.9 41.1 61.7
103 55.8 44.2 66.2

Manual Integrations
APPROVED

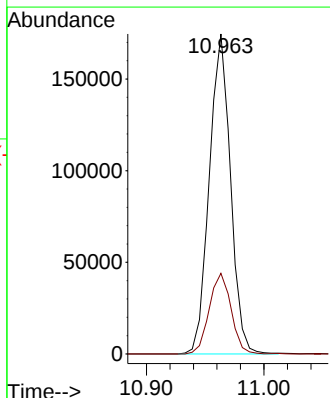
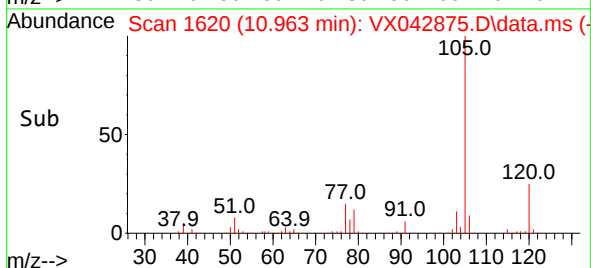
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024

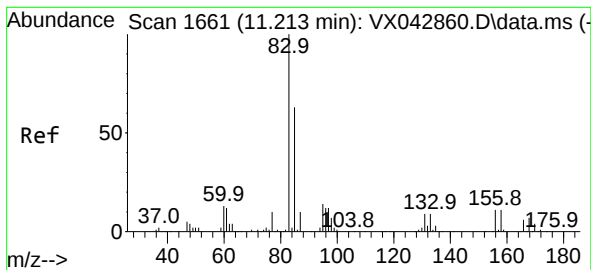


#70
Isopropylbenzene
Concen: 18.195 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX042875.D
Acq: 06 Aug 2024 16:43



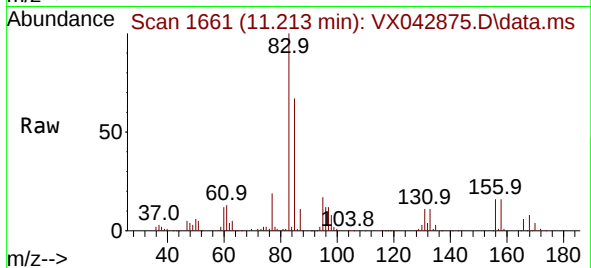
Tgt Ion:105 Resp: 218399
Ion Ratio Lower Upper
105 100
120 26.0 18.4 34.2





#71
1,1,2,2-Tetrachloroethane
Concen: 19.078 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX042875.D
Acq: 06 Aug 2024 16:43

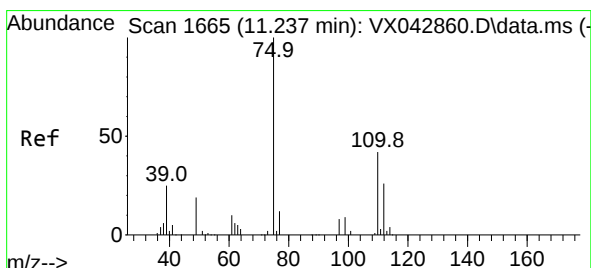
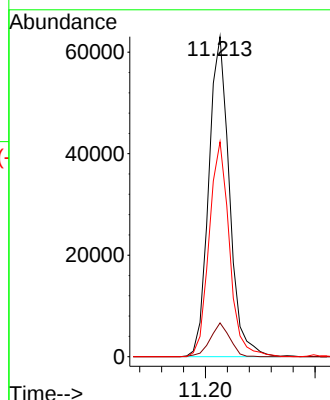
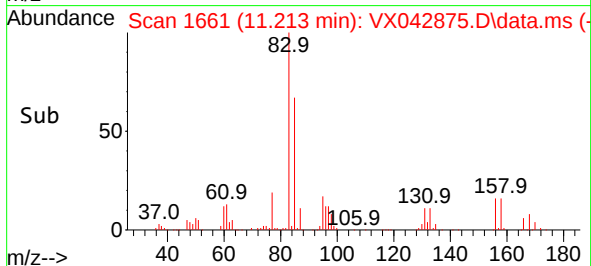
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



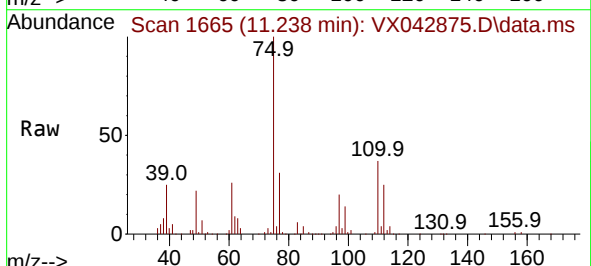
Tgt Ion: 83 Resp: 8259
Ion Ratio Lower Upper
83 100
131 10.0 4.9 14.7
85 66.0 32.0 96.2

Manual Integrations
APPROVED

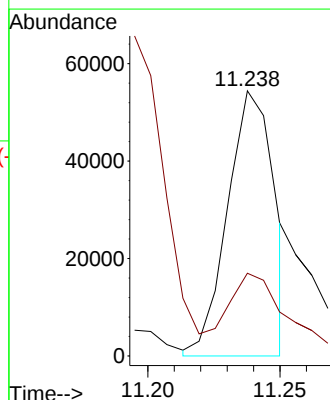
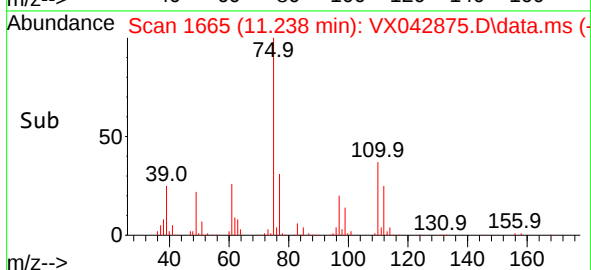
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024

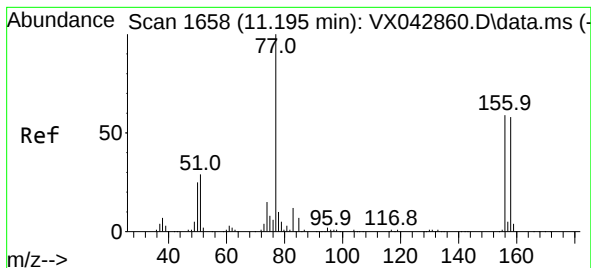


#72
1,2,3-Trichloropropane
Concen: 18.996 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX042875.D
Acq: 06 Aug 2024 16:43



Tgt Ion: 75 Resp: 67173
Ion Ratio Lower Upper
75 100
77 41.1 0.0 89.6





#73

Bromobenzene

Concen: 17.753 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX042875.D

Acq: 06 Aug 2024 16:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

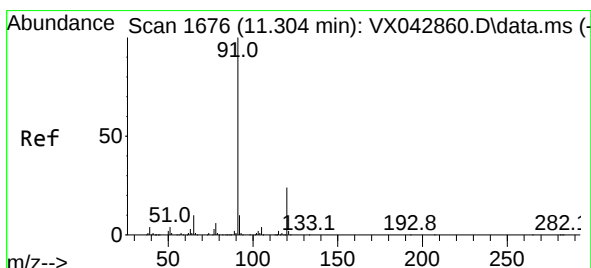
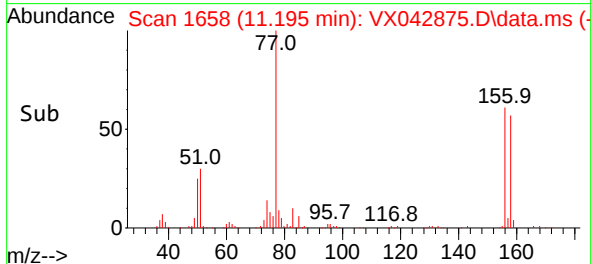
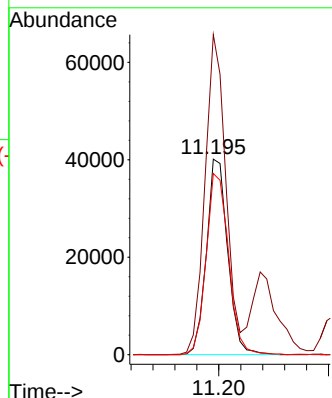
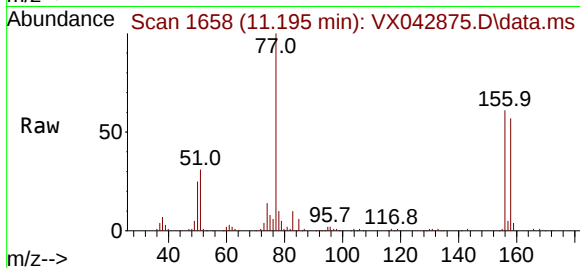
Tgt Ion:	156	Resp:	5414
Ion Ratio	Lower	Upper	
156	100		
77	159.1	0.0	317.2
158	97.4	0.0	195.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2024

Supervised By :Mahesh Dadoda 08/08/2024



#74

n-propylbenzene

Concen: 17.309 ug/l

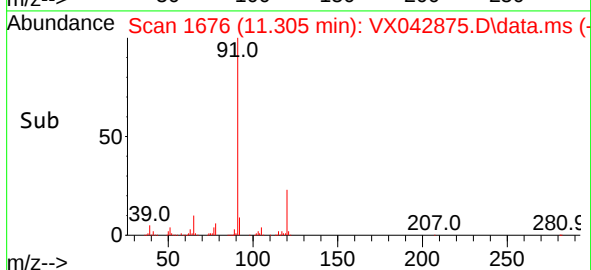
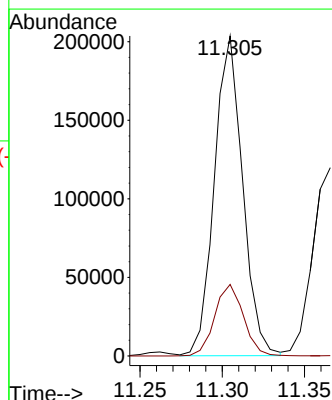
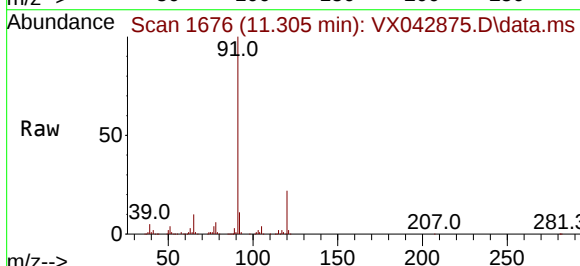
RT: 11.305 min Scan# 1676

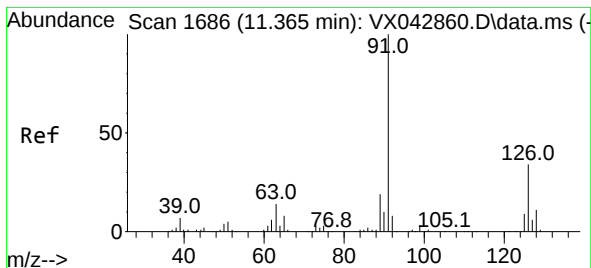
Delta R.T. 0.000 min

Lab File: VX042875.D

Acq: 06 Aug 2024 16:43

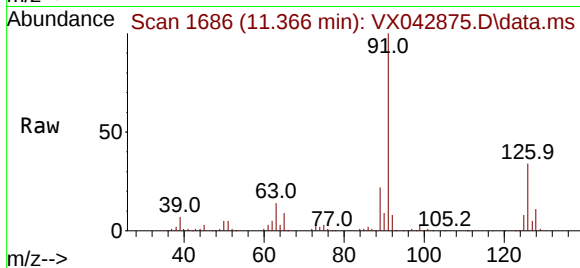
Tgt Ion:	91	Resp:	243039
Ion Ratio	Lower	Upper	
91	100		
120	22.7	0.0	45.8





#75
2-Chlorotoluene
Concen: 18.009 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX042875.D
Acq: 06 Aug 2024 16:43

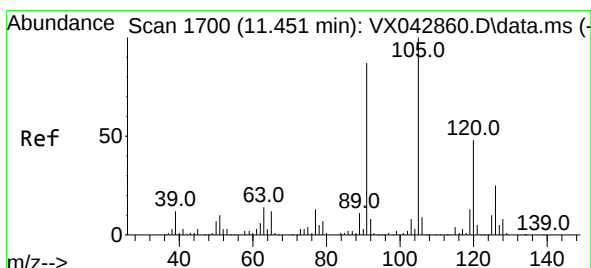
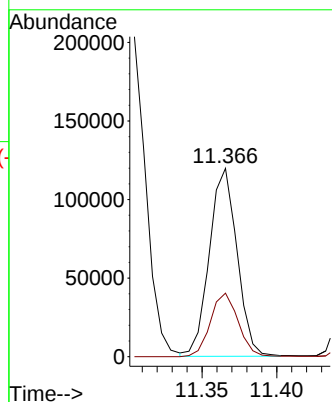
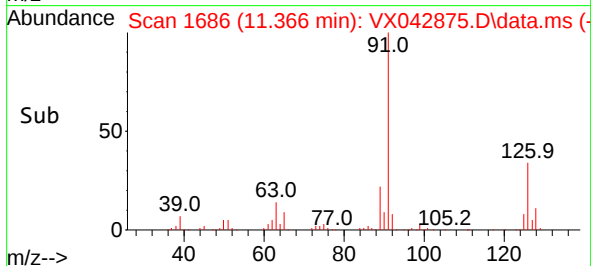
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



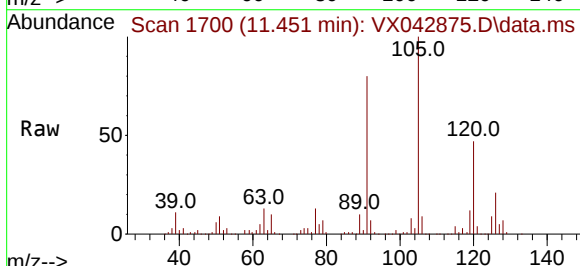
Tgt Ion: 91 Resp: 154339
Ion Ratio Lower Upper
91 100
126 34.0 0.0 66.2

Manual Integrations
APPROVED

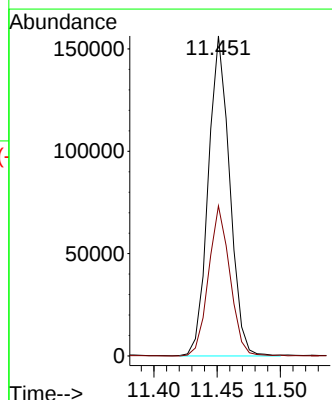
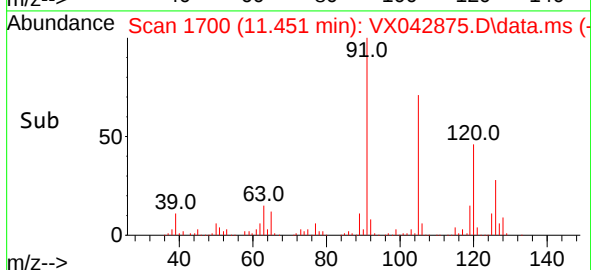
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024

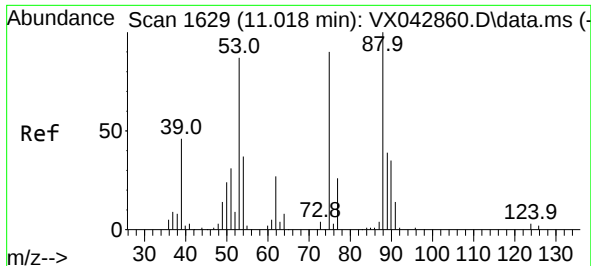


#76
1,3,5-Trimethylbenzene
Concen: 18.101 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX042875.D
Acq: 06 Aug 2024 16:43



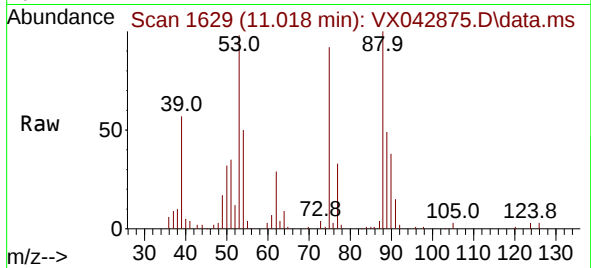
Tgt Ion:105 Resp: 184151
Ion Ratio Lower Upper
105 100
120 46.8 0.0 94.8





#77
t-1,4-Dichloro-2-butene
Concen: 14.707 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX042875.D
Acq: 06 Aug 2024 16:43

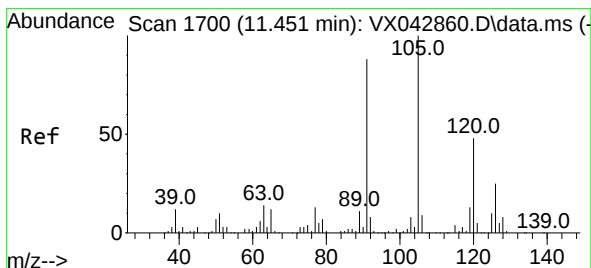
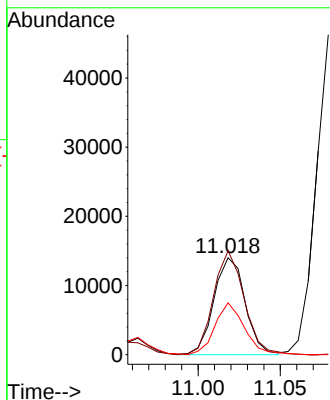
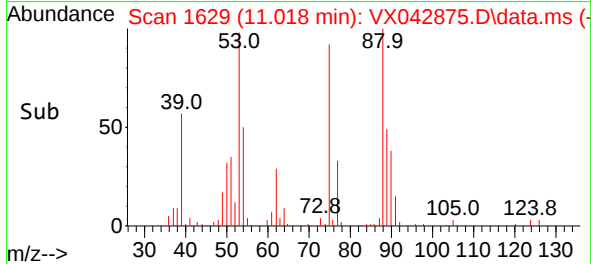
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 75 Resp: 1849
Ion Ratio Lower Upper
75 100
53 107.6 48.5 145.5
89 52.9 21.9 65.5

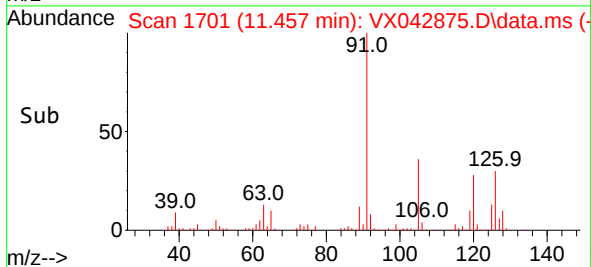
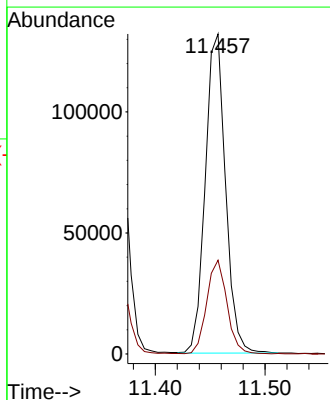
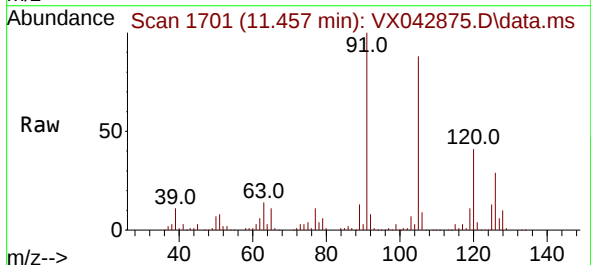
Manual Integrations
APPROVED

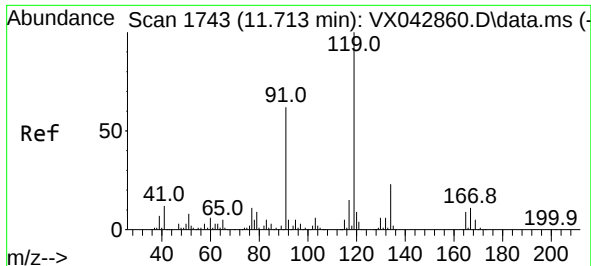
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#78
4-Chlorotoluene
Concen: 17.222 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX042875.D
Acq: 06 Aug 2024 16:43

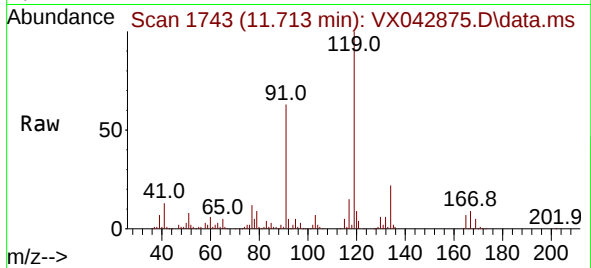
Tgt Ion: 91 Resp: 169270
Ion Ratio Lower Upper
91 100
126 29.5 0.0 59.4





#79
tert-butylbenzene
Concen: 17.875 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX042875.D
Acq: 06 Aug 2024 16:43

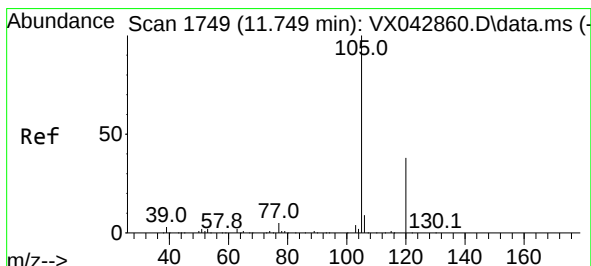
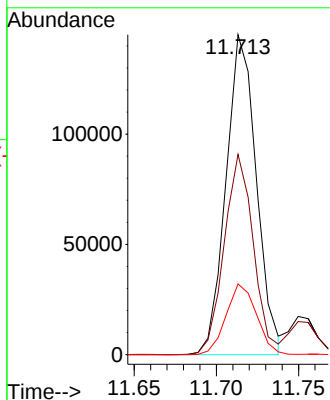
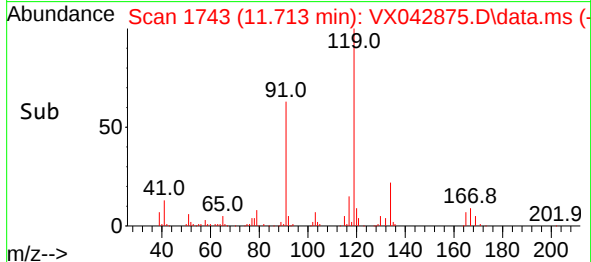
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



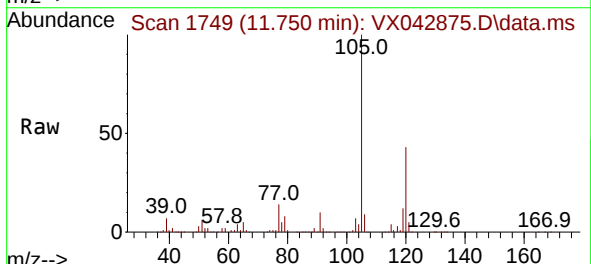
Tgt Ion:119 Resp: 186593
Ion Ratio Lower Upper
119 100
91 60.3 0.0 118.6
134 22.2 0.0 44.4

Manual Integrations
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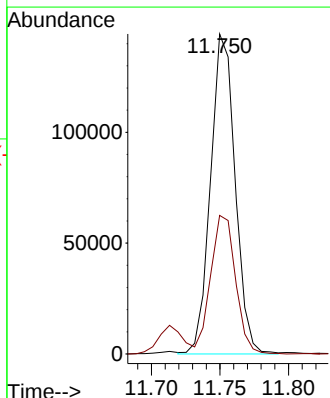
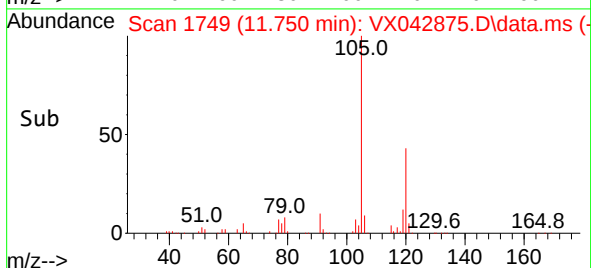
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024

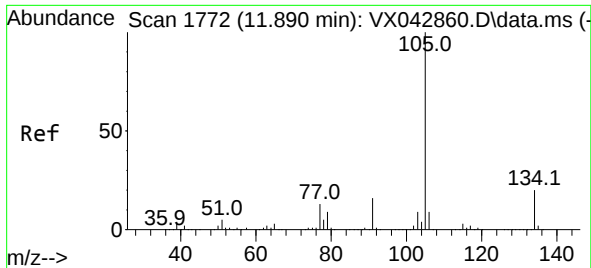


#80
1,2,4-Trimethylbenzene
Concen: 17.926 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX042875.D
Acq: 06 Aug 2024 16:43



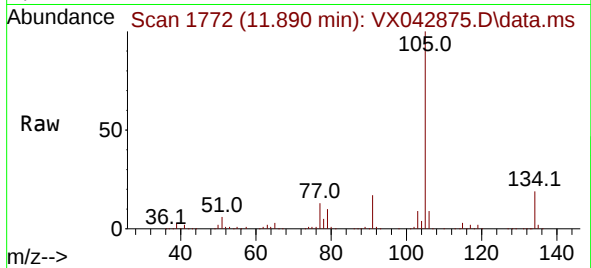
Tgt Ion:105 Resp: 179922
Ion Ratio Lower Upper
105 100
120 43.9 0.0 87.8





#81
sec-Butylbenzene
Concen: 17.477 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX042875.D
Acq: 06 Aug 2024 16:43

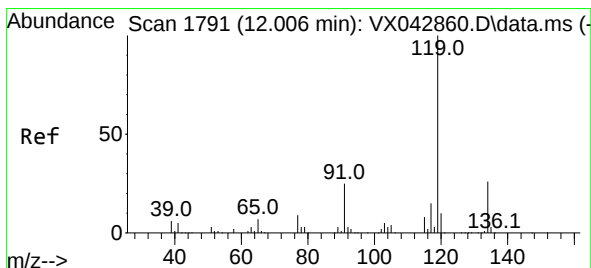
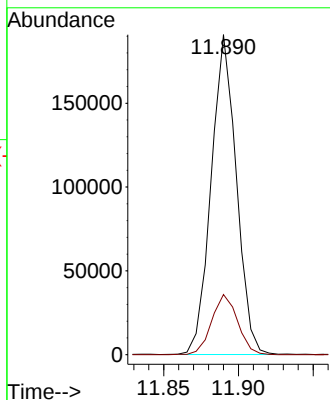
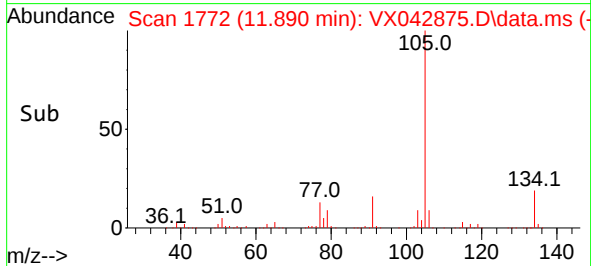
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



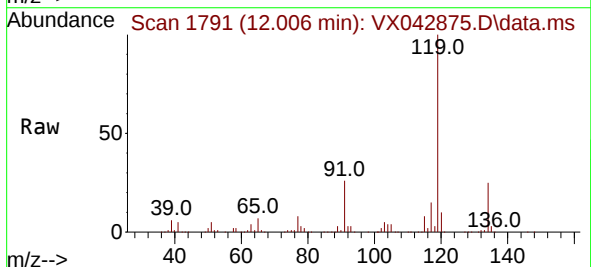
Tgt Ion:105 Resp: 223605
Ion Ratio Lower Upper
105 100
134 19.3 0.0 40.0

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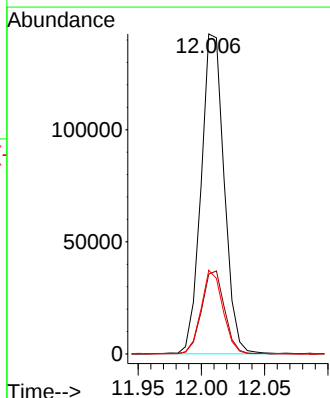
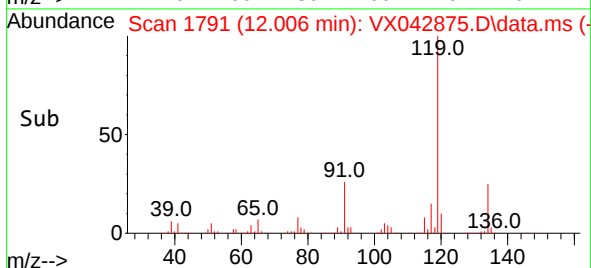
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024

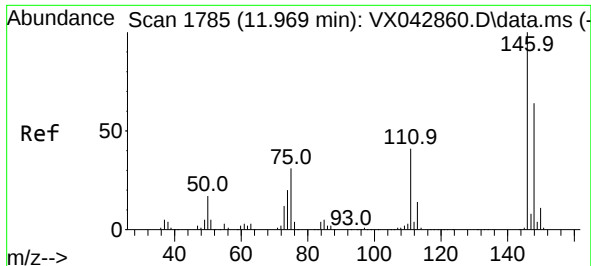


#82
p-Isopropyltoluene
Concen: 16.880 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX042875.D
Acq: 06 Aug 2024 16:43



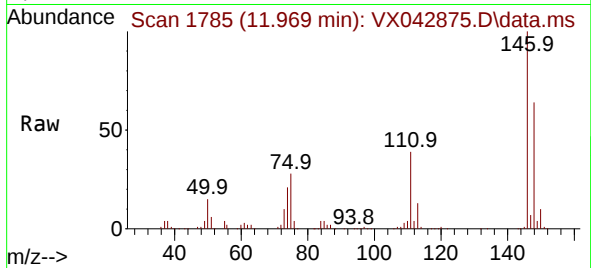
Tgt Ion:119 Resp: 180861
Ion Ratio Lower Upper
119 100
134 25.7 0.0 51.8
91 24.8 0.0 48.4





#83
1,3-Dichlorobenzene
Concen: 17.198 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX042875.D
Acq: 06 Aug 2024 16:43

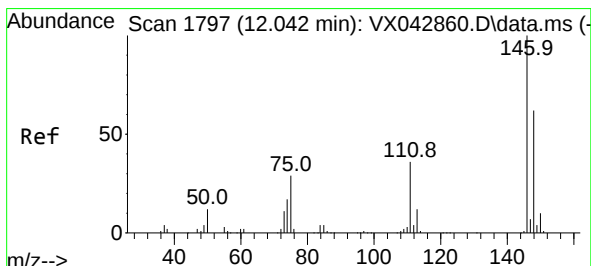
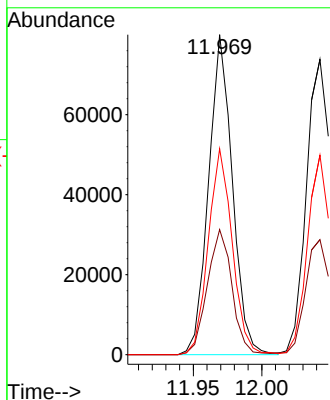
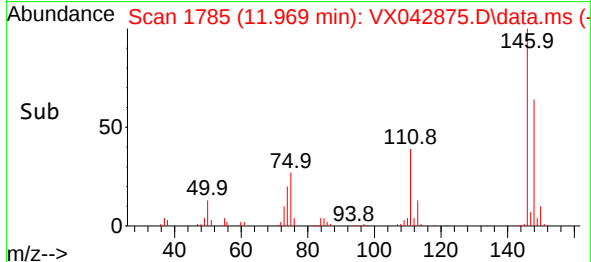
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



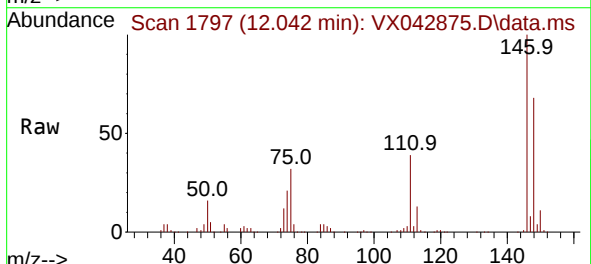
Tgt Ion:146 Resp: 96542
Ion Ratio Lower Upper
146 100
111 40.5 20.3 61.0
148 64.9 31.7 95.1

Manual Integrations
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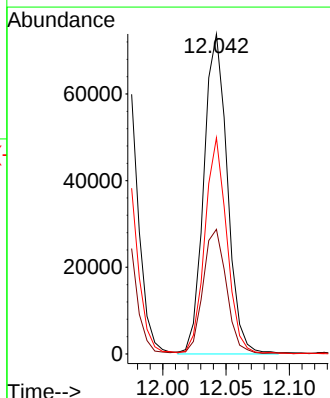
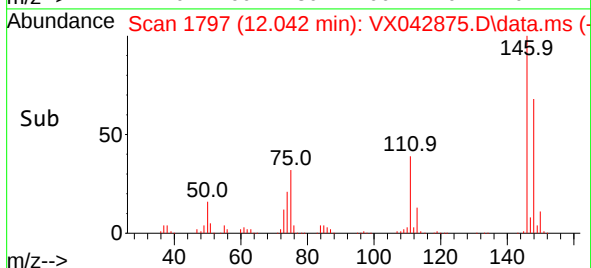
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024

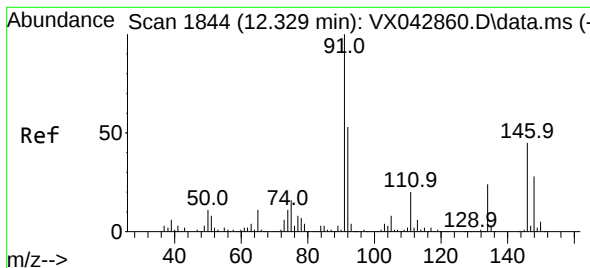


#84
1,4-Dichlorobenzene
Concen: 16.927 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX042875.D
Acq: 06 Aug 2024 16:43



Tgt Ion:146 Resp: 95532
Ion Ratio Lower Upper
146 100
111 38.8 19.4 58.4
148 63.3 31.4 94.2





#85

n-Butylbenzene

Concen: 15.275 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX042875.D

Acq: 06 Aug 2024 16:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 91 Resp: 14751

Ion Ratio Lower Upper

91 100

92 50.9 0.0 106.4

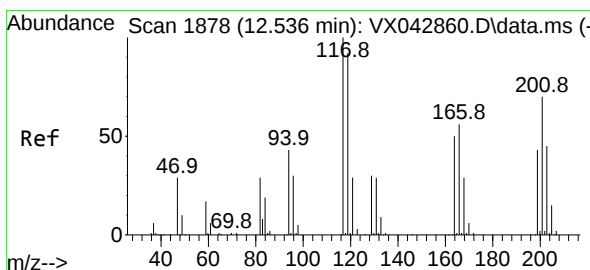
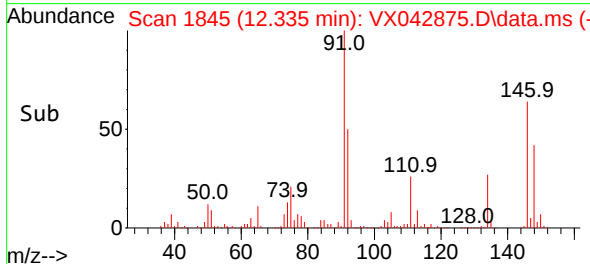
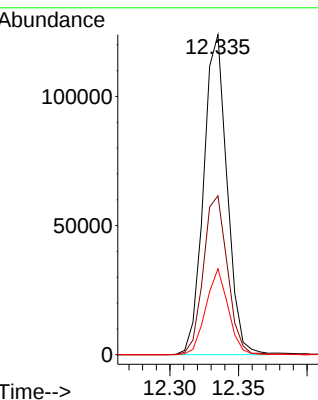
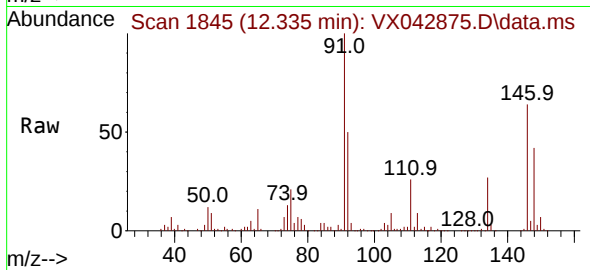
134 25.5 0.0 50.6

Manual Integrations

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Reviewed By :John Carlone 08/07/2024

Supervised By :Mahesh Dadoda 08/08/2024



#86

Hexachloroethane

Concen: 16.271 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX042875.D

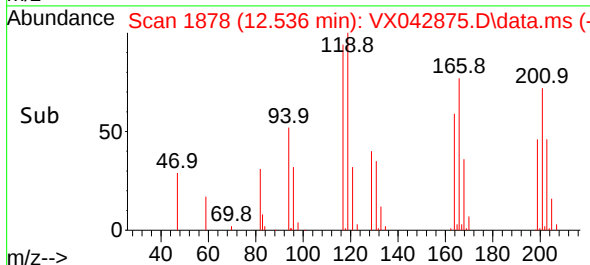
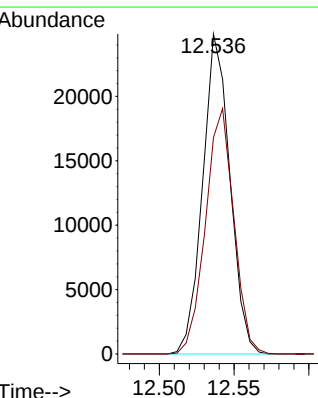
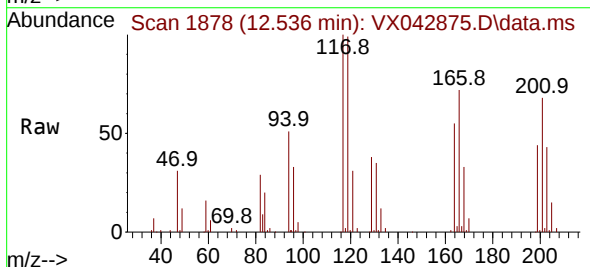
Acq: 06 Aug 2024 16:43

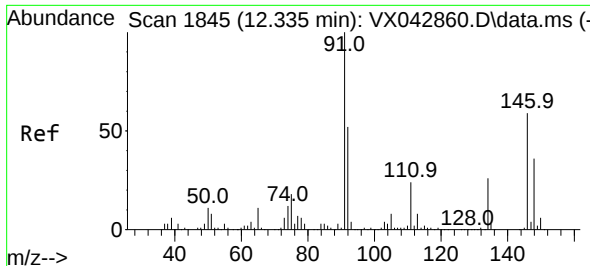
Tgt Ion:117 Resp: 31464

Ion Ratio Lower Upper

117 100

201 79.7 37.5 112.7





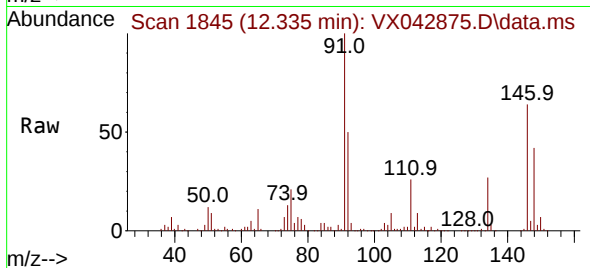
#87
1,2-Dichlorobenzene
Concen: 17.574 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX042875.D
Acq: 06 Aug 2024 16:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



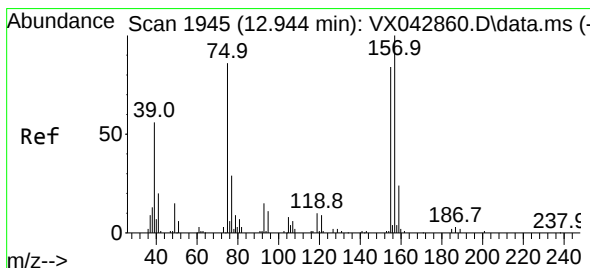
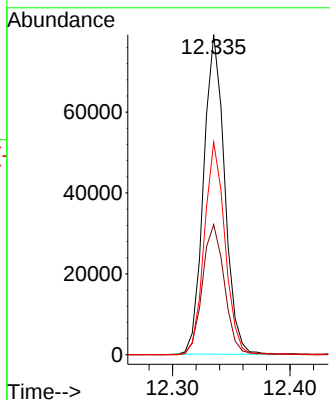
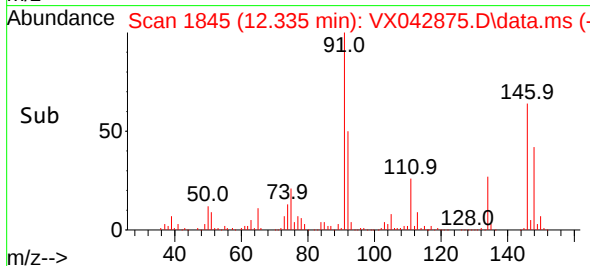
Tgt Ion:146 Resp: 98275
Ion Ratio Lower Upper
146 100
111 42.6 21.0 63.0
148 65.1 30.8 92.4

Manual Integrations

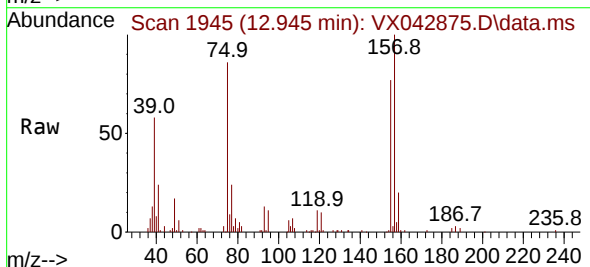
APPROVED

Reviewed By :John Carlone 08/07/2024

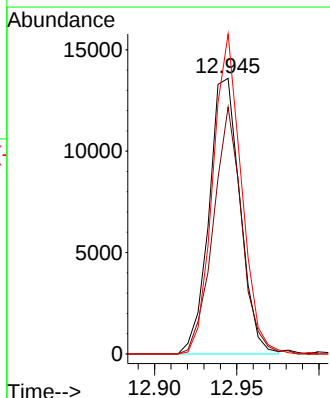
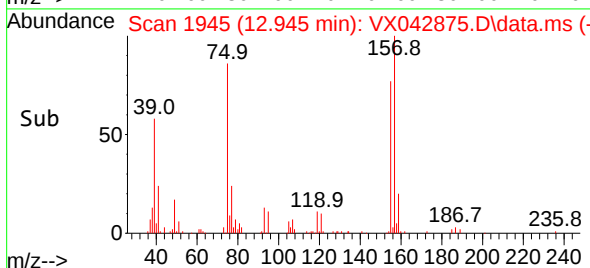
Supervised By :Mahesh Dadoda 08/08/2024

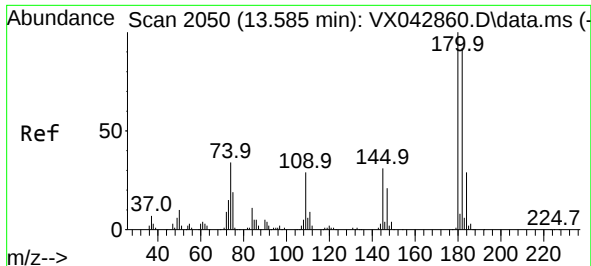


#88
1,2-Dibromo-3-Chloropropane
Concen: 18.259 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX042875.D
Acq: 06 Aug 2024 16:43



Tgt Ion: 75 Resp: 17857
Ion Ratio Lower Upper
75 100
155 82.3 68.7 103.1
157 106.6 86.7 130.1





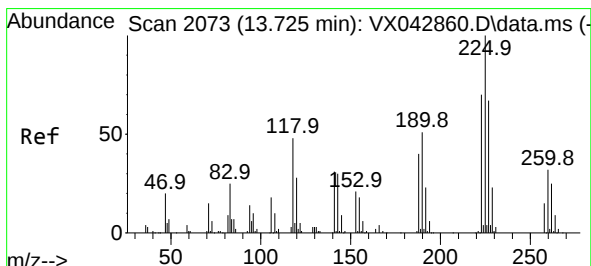
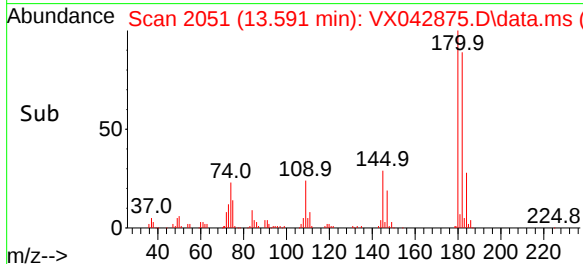
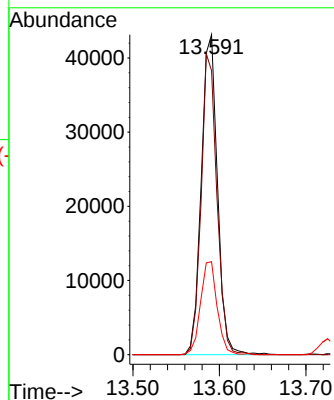
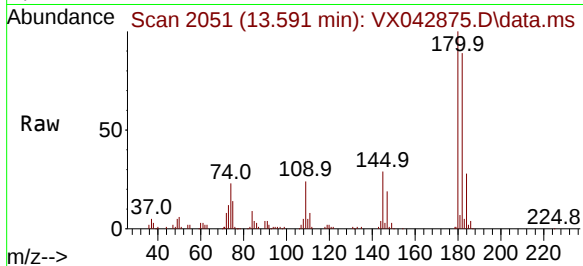
#89
1,2,4-Trichlorobenzene
Concen: 15.354 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX042875.D
Acq: 06 Aug 2024 16:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:180 Resp: 5585
Ion Ratio Lower Upper
180 100
182 91.0 73.1 109.7
145 30.0 24.6 37.0

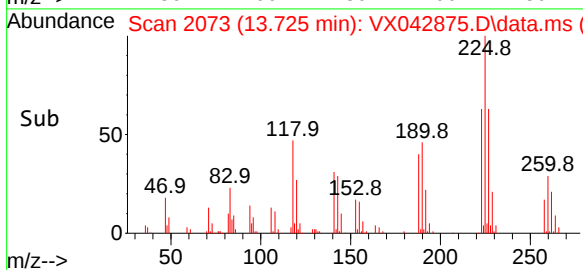
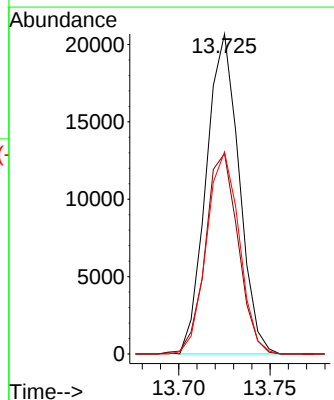
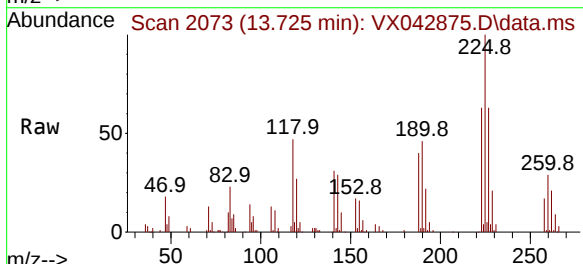
Manual Integrations
APPROVED

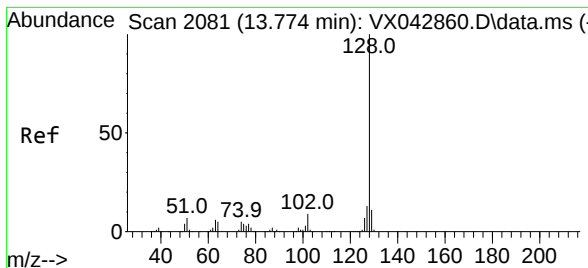
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#90
Hexachlorobutadiene
Concen: 16.438 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX042875.D
Acq: 06 Aug 2024 16:43

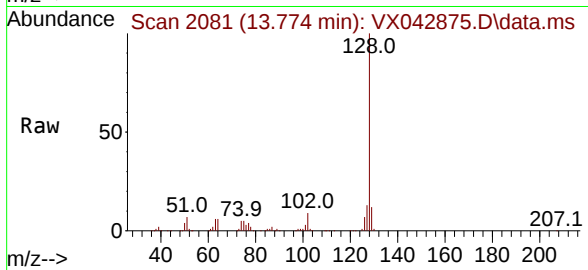
Tgt Ion:225 Resp: 25843
Ion Ratio Lower Upper
225 100
223 62.5 0.0 135.0
227 63.0 0.0 130.4





#91
Naphthalene
Concen: 17.146 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX042875.D
Acq: 06 Aug 2024 16:43

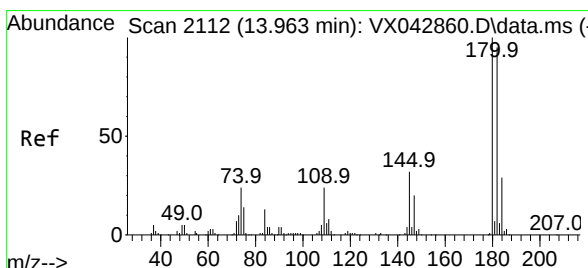
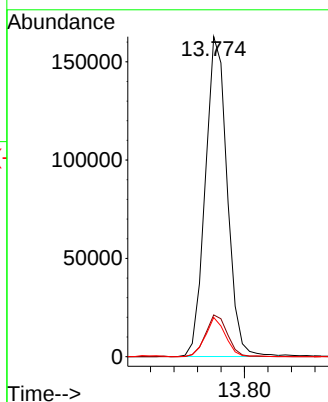
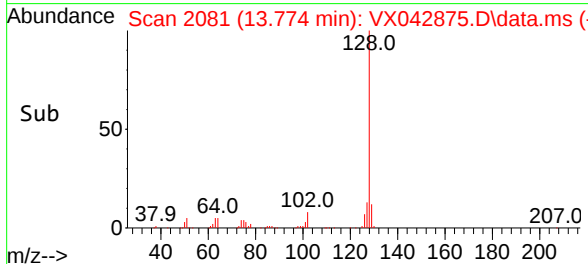
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:128 Resp: 209988
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 11.3 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#92
1,2,3-Trichlorobenzene
Concen: 16.271 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX042875.D
Acq: 06 Aug 2024 16:43

Tgt Ion:180 Resp: 59780
Ion Ratio Lower Upper
180 100
182 94.8 0.0 185.8
145 33.8 0.0 65.2

