

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062024\
 Data File : VX041965.D
 Acq On : 20 Jun 2024 16:31
 Operator : JC/MD
 Sample : VSTDC00020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDC00020EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/21/2024
 Supervised By : Mahesh Dadoda 06/21/2024

Quant Time: Jun 21 03:18:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jun 15 04:02:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.897	128	31278	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	181759	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	170635	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	67711	31.447	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	104.833%	
60) 4-Bromofluorobenzene	11.079	95	77276	29.257	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	97.533%	
63) Toluene-d8	8.647	98	218954	29.992	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	99.967%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	36612	18.083	ug/l	98
3) Chloromethane	1.307	50	38922	17.197	ug/l	100
4) Vinyl Chloride	1.374	62	38485	17.388	ug/l	99
5) Bromomethane	1.599	94	19336	16.343	ug/l	99
6) Chloroethane	1.666	64	20797	21.993	ug/l	98
7) Trichlorofluoromethane	1.874	101	55977	20.082	ug/l	98
8) Diethyl Ether	2.136	74	21929	18.178	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.319	101	34981	18.460	ug/l	98
10) 1,1-Dichloroethene	2.306	96	33984	17.778	ug/l	97
11) Methyl Iodide	2.447	142	41296	16.599	ug/l	98
12) Methyl Acetate	2.709	43	50780	20.836	ug/l	100
13) Acrolein	2.239	56	32702	66.549	ug/l	98
14) Acrylonitrile	3.068	53	107405	92.853	ug/l	98
15) Acetone	2.392	58	27700	83.711	ug/l	86
16) Carbon Disulfide	2.501	76	72934	17.410	ug/l	99
17) Allyl chloride	2.654	41	52093	17.944	ug/l	94
18) Methylene Chloride	2.782	84	38854	17.721	ug/l	96
19) trans-1,2-Dichloroethene	3.087	96	34247	17.885	ug/l	99
20) Diisopropyl ether	3.763	45	108928	18.254	ug/l	95
21) 1,1-Dichloroethane	3.605	63	61566	18.062	ug/l	99
22) cis-1,2-Dichloroethene	4.483	96	41568	17.933	ug/l	99
23) tert-Butyl Alcohol	2.983	59	38041	88.457	ug/l #	100
24) Methyl tert-Butyl Ether	3.117	73	106858	18.072	ug/l	99
25) Chloroform	5.086	83	63605	18.362	ug/l	99
26) Cyclohexane	5.464	56	52304	17.667	ug/l #	98
29) 1,1-Dichloropropene	5.684	75	42787	18.036	ug/l	96
30) 2-Butanone	4.562	43	143549	90.562	ug/l	100
31) 2,2-Dichloropropane	4.465	77	43960	16.912	ug/l	100
32) 1,1,1-Trichloroethane	5.379	97	54069	17.980	ug/l	99
33) Carbon Tetrachloride	5.672	117	46821	18.053	ug/l	97
34) Benzene	6.031	78	141017	17.844	ug/l	98
35) Methacrylonitrile	4.922	41	29478	18.515	ug/l	98
36) 1,2-Dichloroethane	6.086	62	45319	18.408	ug/l	100
37) Trichloroethene	7.123	130	37863	17.541	ug/l	100
38) Methylcyclohexane	7.373	83	55330	17.609	ug/l	99
39) 1,2-Dichloropropane	7.427	63	33470	17.780	ug/l	96
40) Dibromomethane	7.580	93	25407	18.245	ug/l	99
41) Bromodichloromethane	7.818	83	44872	17.987	ug/l	98
42) Vinyl Acetate	3.721	43	475886	89.694	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062024\
 Data File : VX041965.D
 Acq On : 20 Jun 2024 16:31
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/21/2024
 Supervised By : Mahesh Dadoda 06/21/2024

Quant Time: Jun 21 03:18:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jun 15 04:02:59 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.715	43	50525	17.000	ug/l	100
44) Isopropyl Acetate	6.342	43	80093	17.992	ug/l	99
45) 1,4-Dioxane	7.665	88	16770m	309.064	ug/l	
46) Methyl methacrylate	7.696	41	38803	17.828	ug/l	98
47) n-amyl Acetate	10.841	43	69505	17.398	ug/l	98
48) t-1,3-Dichloropropene	8.976	75	43710	17.017	ug/l	96
49) cis-1,3-Dichloropropene	8.366	75	50706	17.599	ug/l	99
50) 1,1,2-Trichloroethane	9.153	97	36787	18.168	ug/l	97
51) Ethyl methacrylate	9.116	69	55576	17.278	ug/l	100
52) 1,3-Dichloropropane	9.305	76	59436	17.955	ug/l	99
53) Dibromochloromethane	9.519	129	39026	17.612	ug/l	99
54) 1,2-Dibromoethane	9.610	107	38744	18.145	ug/l	99
55) 2-Chloroethyl vinyl ether	8.238	63	156211	104.336	ug/l	100
56) Bromoform	10.799	173	31009	17.162	ug/l	99
58) 4-Methyl-2-Pentanone	8.574	43	279381	91.372	ug/l	99
59) 2-Hexanone	9.433	43	216283	91.645	ug/l	99
61) Tetrachloroethene	9.275	164	40687	18.949	ug/l	94
62) Toluene	8.714	91	153196	17.742	ug/l	100
64) Chlorobenzene	10.079	112	103310	17.570	ug/l	97
65) 1,1,1,2-Tetrachloroethane	10.159	131	35990	17.723	ug/l	98
66) Ethyl Benzene	10.195	91	167184	17.710	ug/l	100
67) m/p-Xylenes	10.299	106	135006	35.554	ug/l	99
68) o-Xylene	10.640	106	65875	17.401	ug/l	99
69) Styrene	10.652	104	110864	17.524	ug/l	99
70) Isopropylbenzene	10.963	105	170781	17.941	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.213	83	57725	17.523	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	47377m	17.756	ug/l	
73) Bromobenzene	11.195	156	48072	17.314	ug/l	99
74) n-propylbenzene	11.305	91	188047	17.984	ug/l	99
75) 2-Chlorotoluene	11.360	91	117419	17.684	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	141269	17.715	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	14903	15.098	ug/l	96
78) 4-Chlorotoluene	11.451	91	130828	17.737	ug/l	100
79) tert-butylbenzene	11.713	119	147519	17.427	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	141203	17.724	ug/l	99
81) sec-Butylbenzene	11.890	105	175726	17.799	ug/l	99
82) p-Isopropyltoluene	12.006	119	154671	17.877	ug/l	100
83) 1,3-Dichlorobenzene	11.969	146	85896	17.351	ug/l	99
84) 1,4-Dichlorobenzene	12.042	146	85854	17.423	ug/l	99
85) n-Butylbenzene	12.329	91	117455	17.556	ug/l	100
86) Hexachloroethane	12.536	117	24305	17.202	ug/l	98
87) 1,2-Dichlorobenzene	12.335	146	85616	17.100	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	12.945	75	11842	17.379	ug/l	94
89) 1,2,4-Trichlorobenzene	13.585	180	56585	16.696	ug/l	98
90) Hexachlorobutadiene	13.725	225	29116	17.434	ug/l	96
91) Naphthalene	13.774	128	173518	16.945	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	59487	16.948	ug/l	98

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

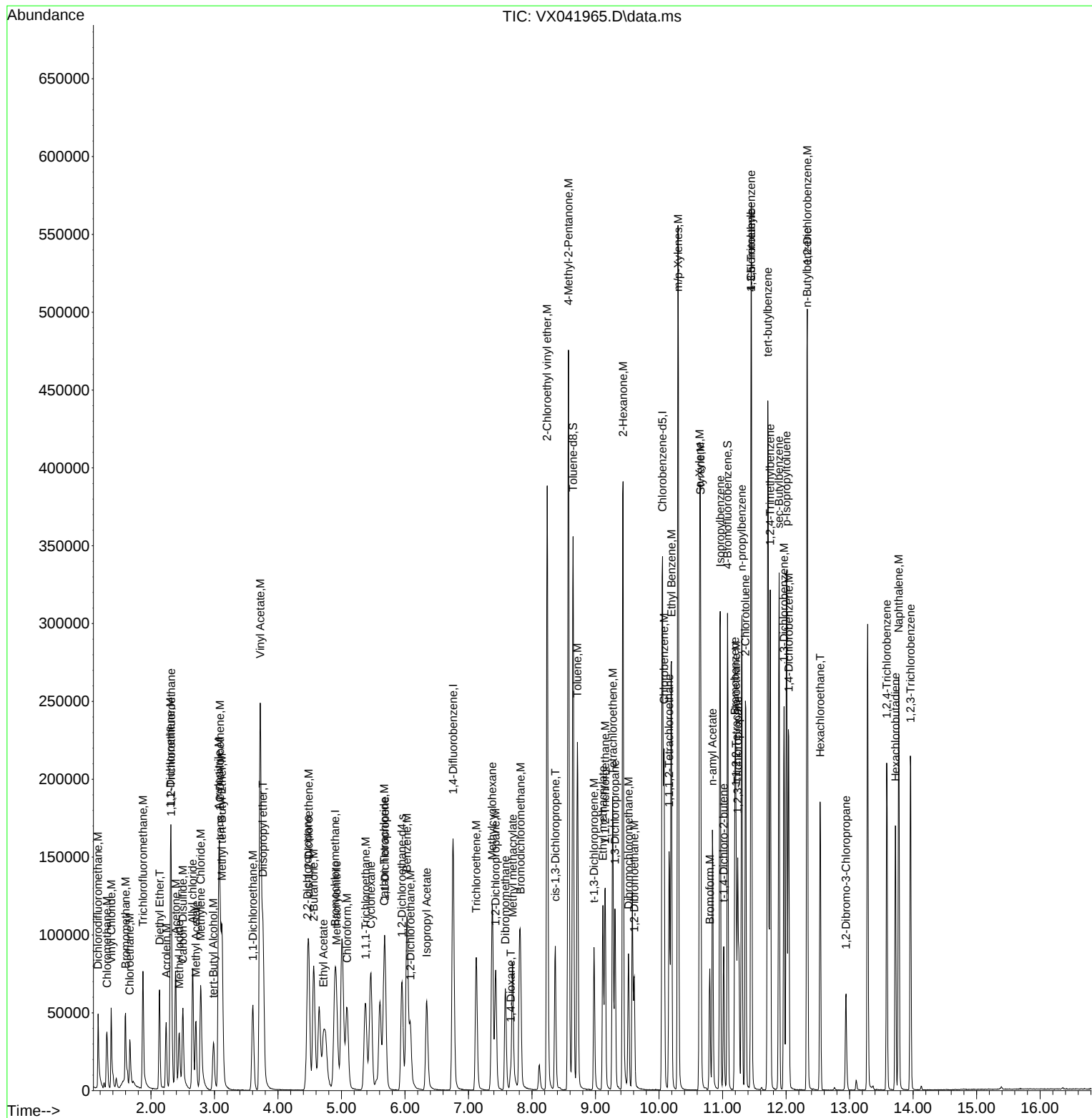
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062024\
Data File : VX041965.D
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Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

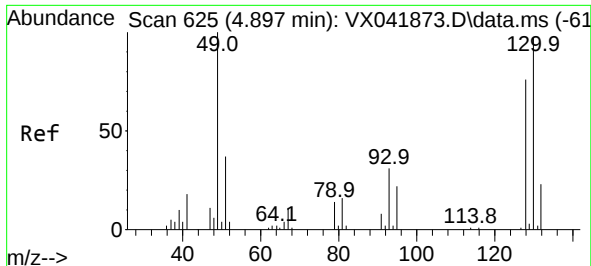
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024

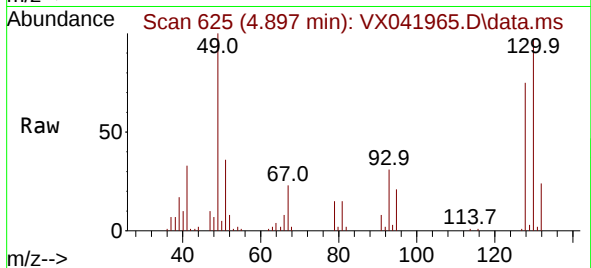
Quant Time: Jun 21 03:18:10 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Jun 15 04:02:59 2024
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX041965.D
Acq: 20 Jun 2024 16:31

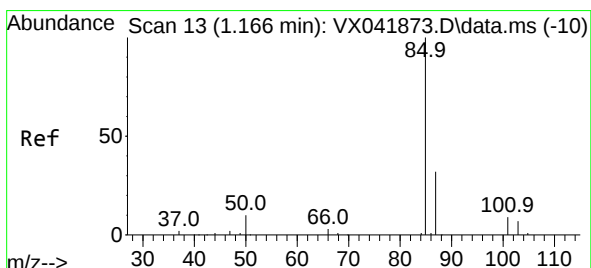
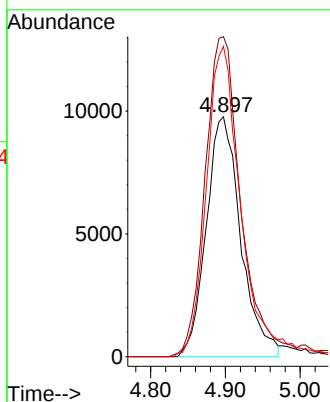
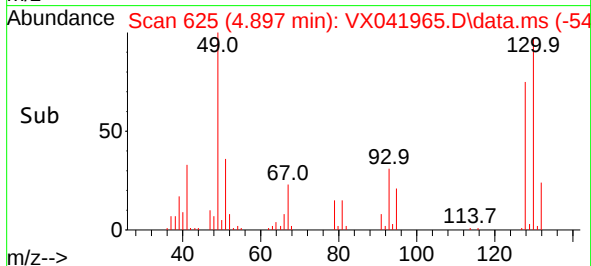
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:128 Resp: 31278
Ion Ratio Lower Upper
128 100
49 138.7 0.0 338.5
130 130.5 0.0 324.5

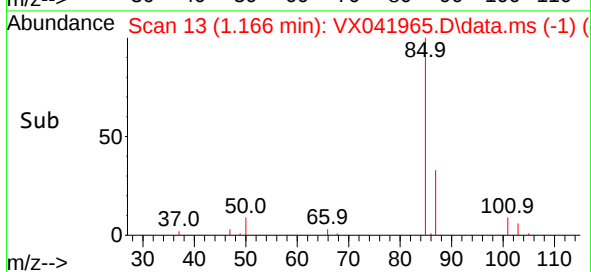
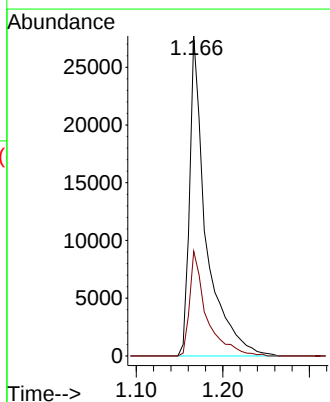
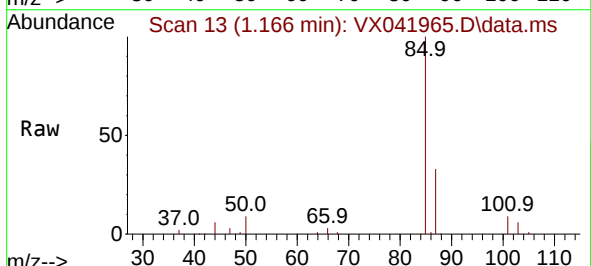
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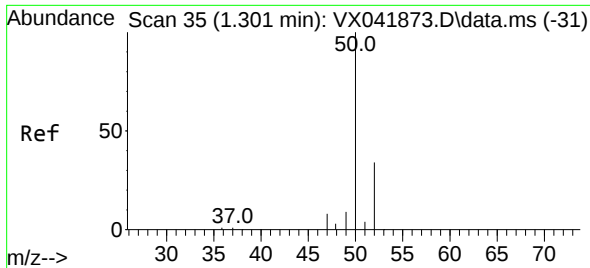
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#2
Dichlorodifluoromethane
Concen: 18.083 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX041965.D
Acq: 20 Jun 2024 16:31

Tgt Ion: 85 Resp: 36612
Ion Ratio Lower Upper
85 100
87 32.8 15.8 47.3





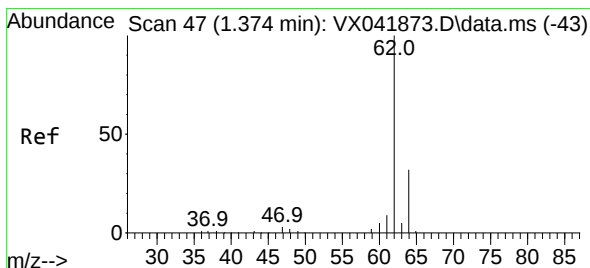
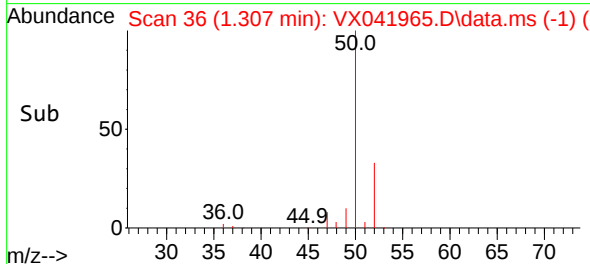
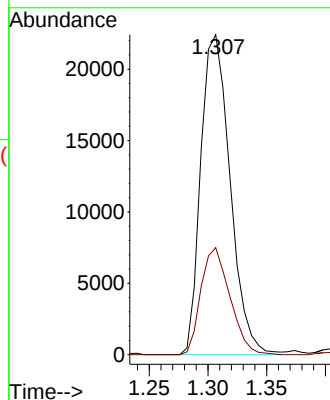
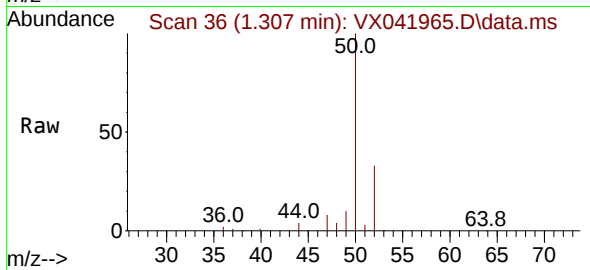
#3
Chloromethane
Concen: 17.197 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.006 min
Lab File: VX041965.D
Acq: 20 Jun 2024 16:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 50 Resp: 3892
Ion Ratio Lower Upper
50 100
52 33.5 26.9 40.3

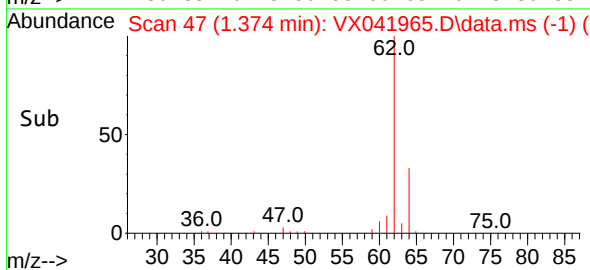
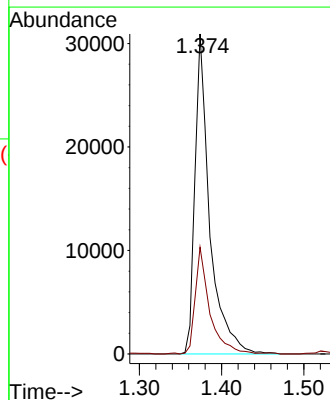
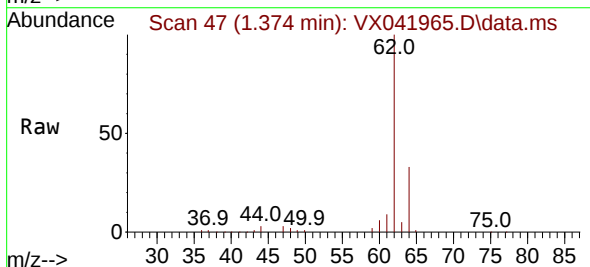
Manual Integrations
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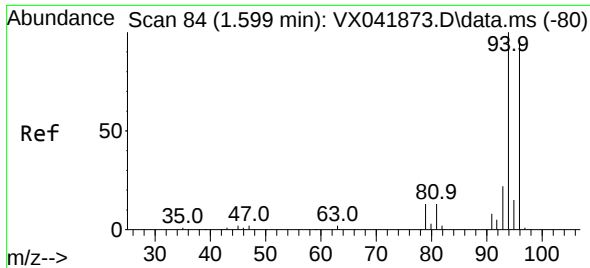
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#4
Vinyl Chloride
Concen: 17.388 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX041965.D
Acq: 20 Jun 2024 16:31

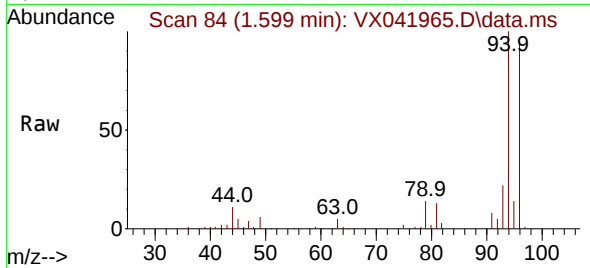
Tgt Ion: 62 Resp: 38485
Ion Ratio Lower Upper
62 100
64 33.4 26.1 39.1





#5
Bromomethane
Concen: 16.343 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX041965.D
Acq: 20 Jun 2024 16:31

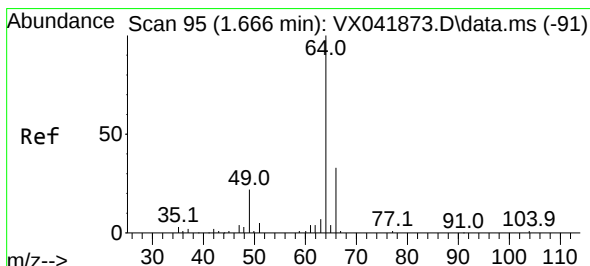
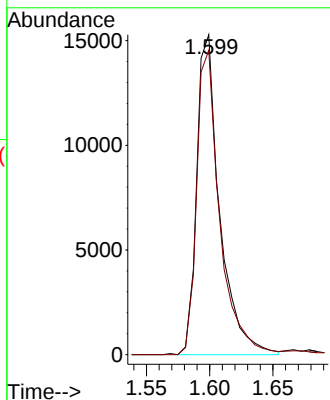
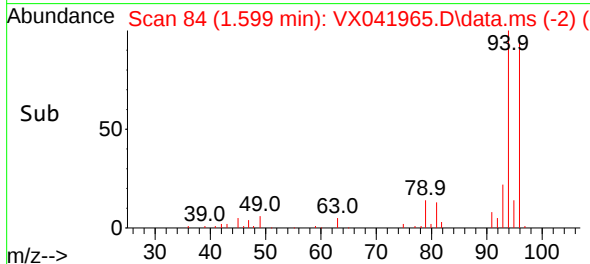
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 94 Resp: 19330
Ion Ratio Lower Upper
94 100
96 95.2 76.6 115.0

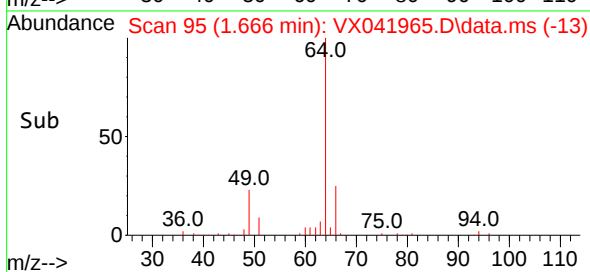
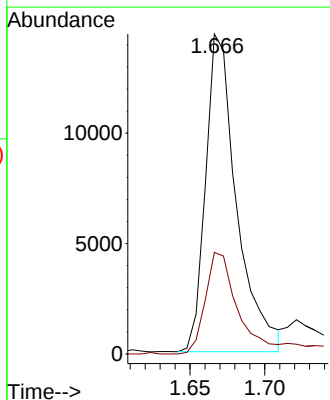
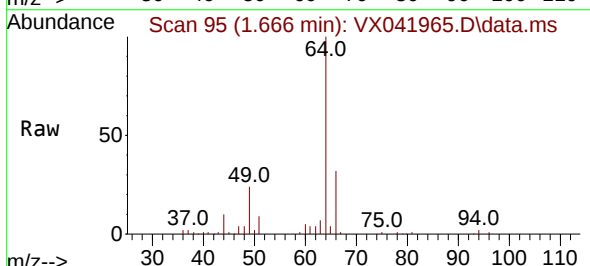
Manual Integrations
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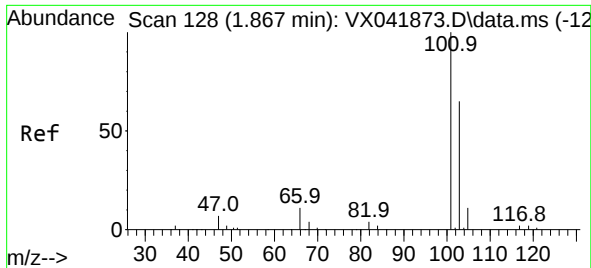
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#6
Chloroethane
Concen: 21.993 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX041965.D
Acq: 20 Jun 2024 16:31

Tgt Ion: 64 Resp: 20797
Ion Ratio Lower Upper
64 100
66 32.0 26.4 39.6





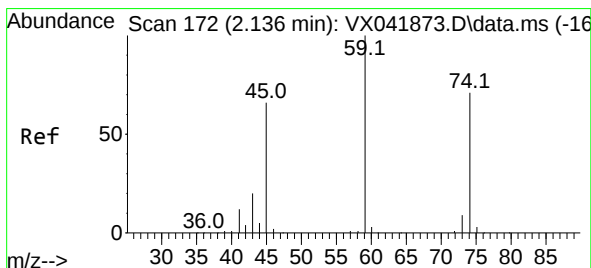
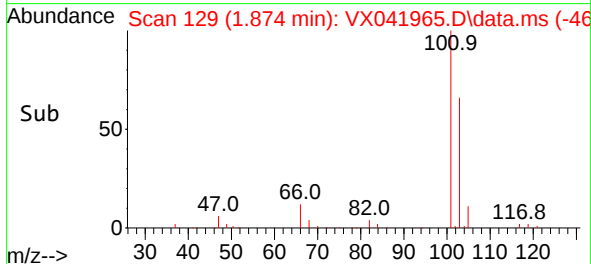
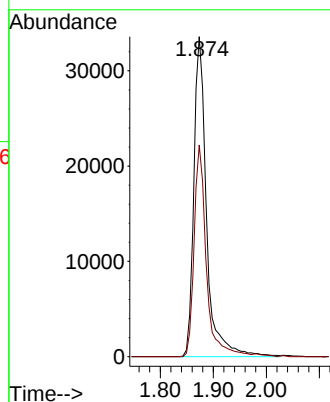
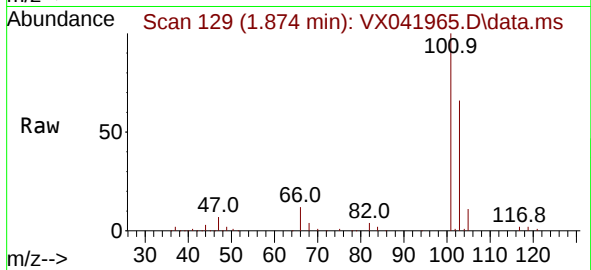
#7
Trichlorofluoromethane
Concen: 20.082 ug/l
RT: 1.874 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX041965.D
Acq: 20 Jun 2024 16:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 5597
Ion Ratio Lower Upper
101 100
103 66.2 51.8 77.8

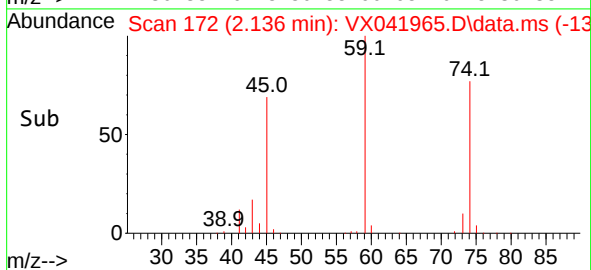
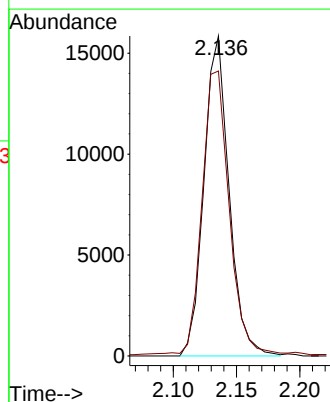
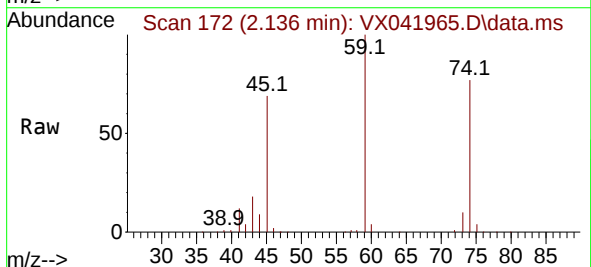
Manual Integrations
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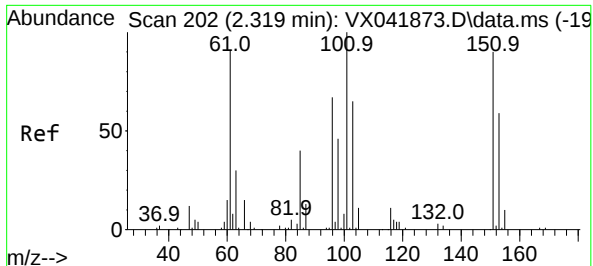
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#8
Diethyl Ether
Concen: 18.178 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX041965.D
Acq: 20 Jun 2024 16:31

Tgt Ion: 74 Resp: 21929
Ion Ratio Lower Upper
74 100
45 95.7 18.7 168.7





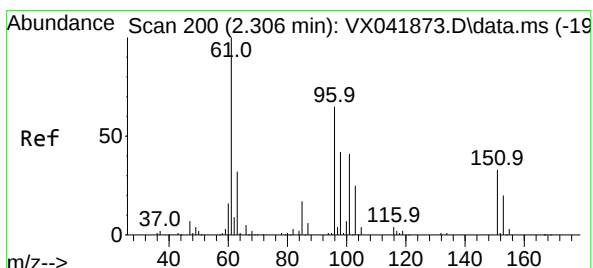
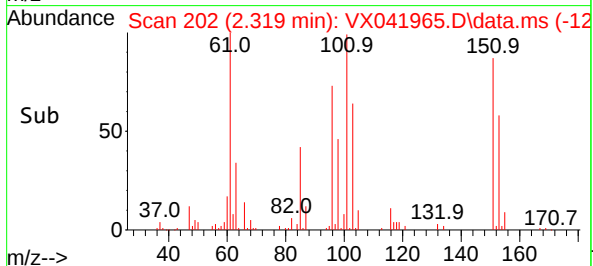
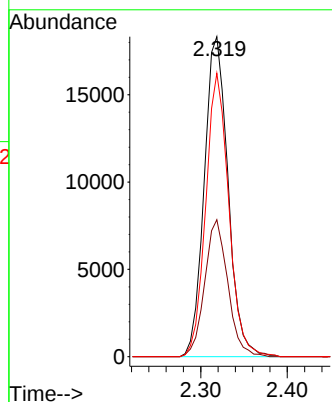
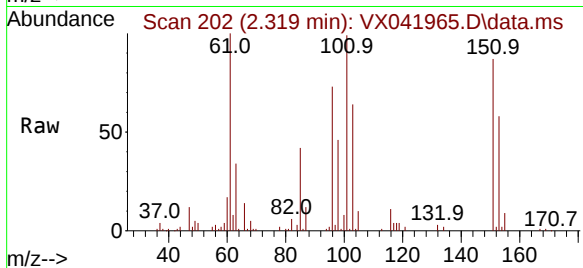
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.460 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX041965.D
Acq: 20 Jun 2024 16:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 3498
Ion Ratio Lower Upper
101 100
85 41.6 0.0 80.4
151 85.8 0.0 175.2

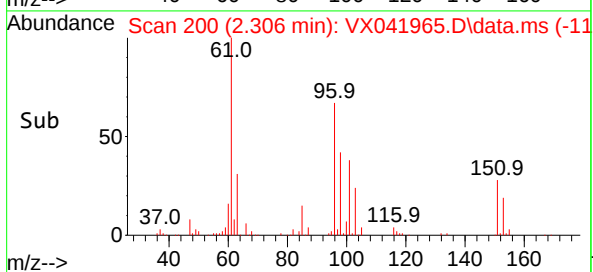
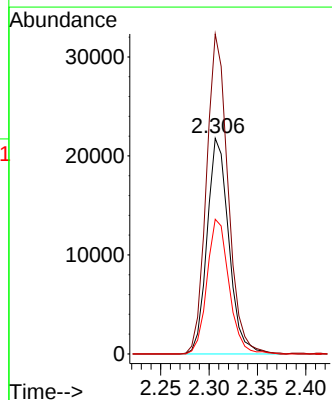
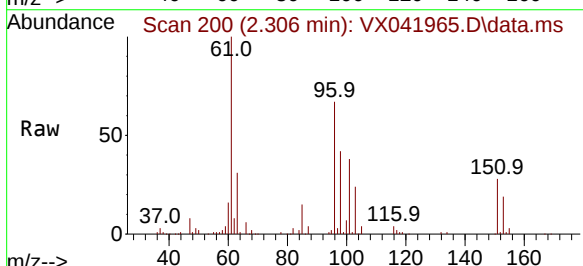
Manual Integrations
APPROVED

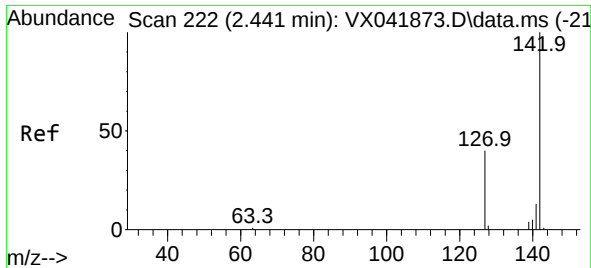
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#10
1,1-Dichloroethene
Concen: 17.778 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX041965.D
Acq: 20 Jun 2024 16:31

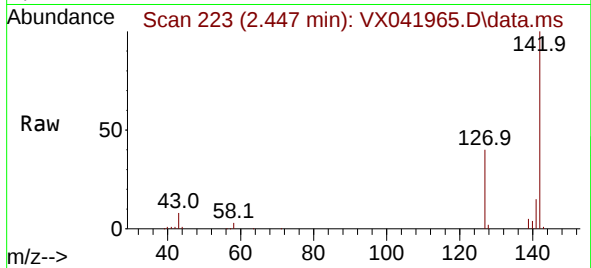
Tgt Ion: 96 Resp: 33984
Ion Ratio Lower Upper
96 100
61 148.4 122.3 183.5
98 62.5 51.5 77.3





#11
Methyl Iodide
Concen: 16.599 ug/l
RT: 2.447 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX041965.D
Acq: 20 Jun 2024 16:31

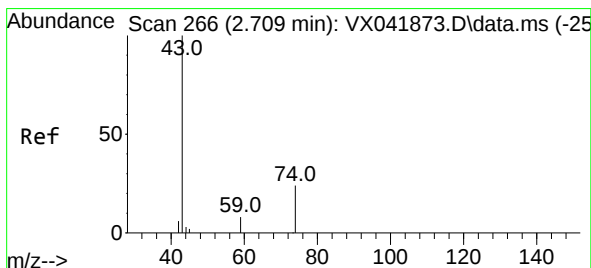
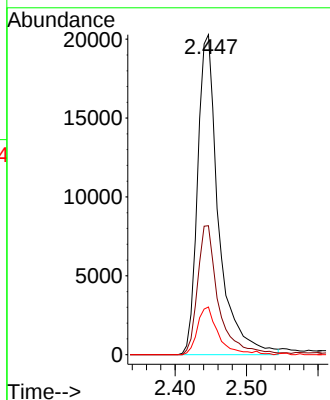
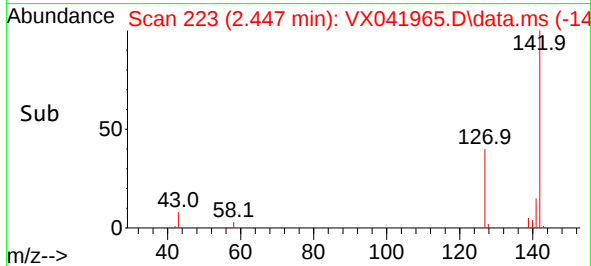
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:142 Resp: 41290
Ion Ratio Lower Upper
142 100
127 40.4 19.8 59.3
141 14.9 6.7 20.1

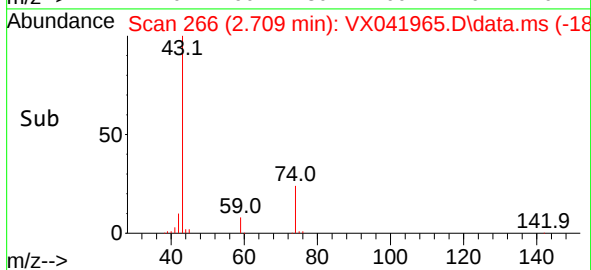
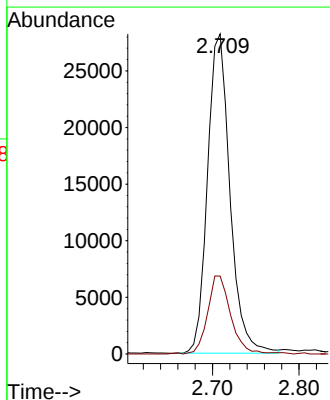
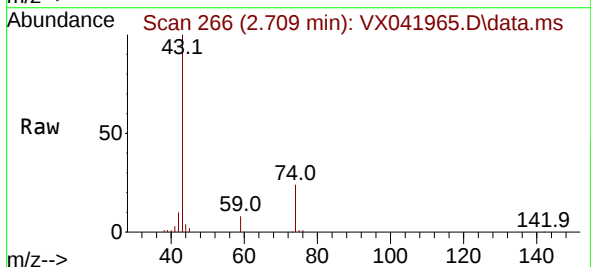
Manual Integrations
APPROVED

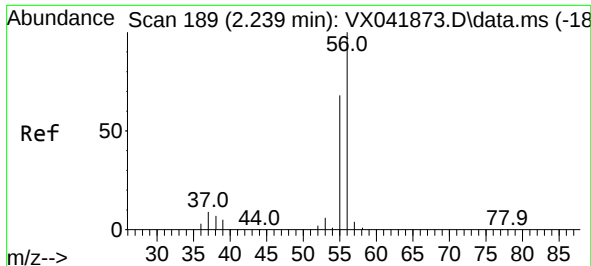
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#12
Methyl Acetate
Concen: 20.836 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX041965.D
Acq: 20 Jun 2024 16:31

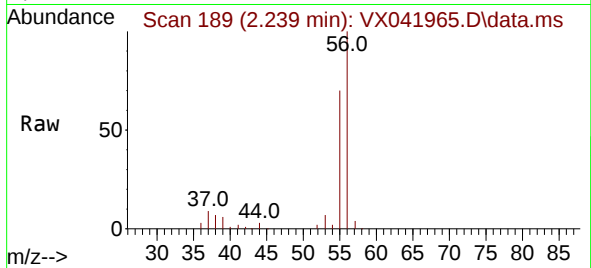
Tgt Ion: 43 Resp: 50780
Ion Ratio Lower Upper
43 100
74 24.2 19.4 29.2





#13
Acrolein
Concen: 66.549 ug/l
RT: 2.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX041965.D
Acq: 20 Jun 2024 16:31

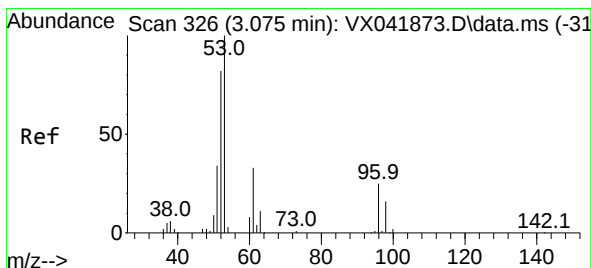
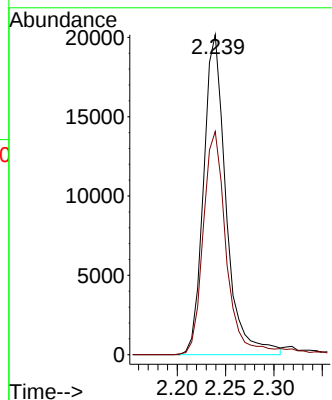
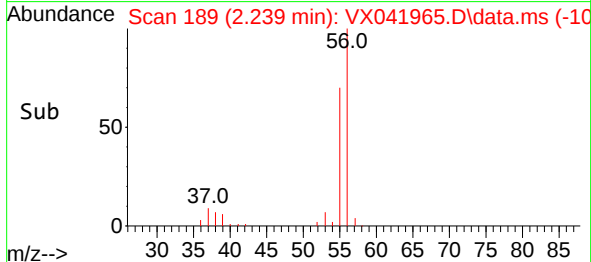
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



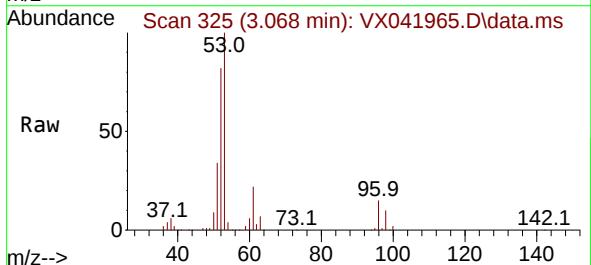
Tgt Ion: 56 Resp: 3270
Ion Ratio Lower Upper
56 100
55 70.8 55.4 83.0

Manual Integrations
APPROVED

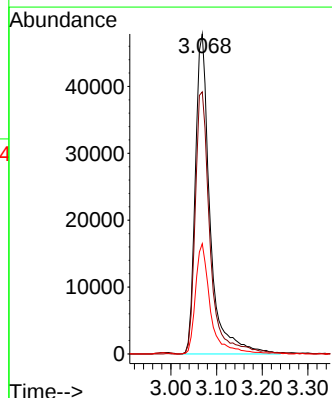
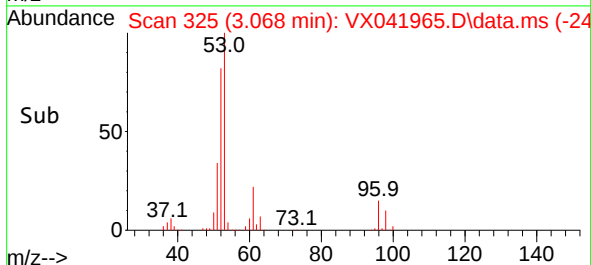
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024

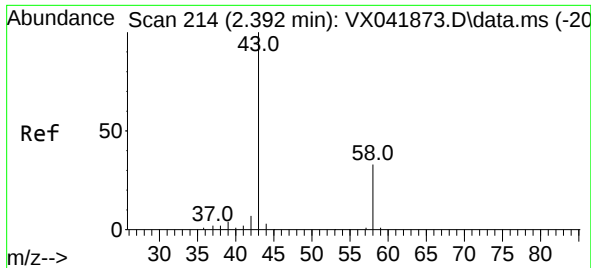


#14
Acrylonitrile
Concen: 92.853 ug/l
RT: 3.068 min Scan# 325
Delta R.T. -0.006 min
Lab File: VX041965.D
Acq: 20 Jun 2024 16:31



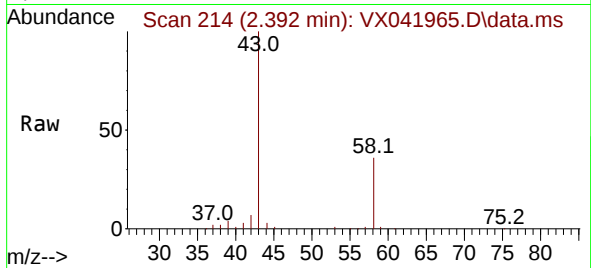
Tgt Ion: 53 Resp: 107405
Ion Ratio Lower Upper
53 100
52 82.5 39.9 119.7
51 34.9 17.4 52.3





#15
Acetone
Concen: 83.711 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX041965.D
Acq: 20 Jun 2024 16:31

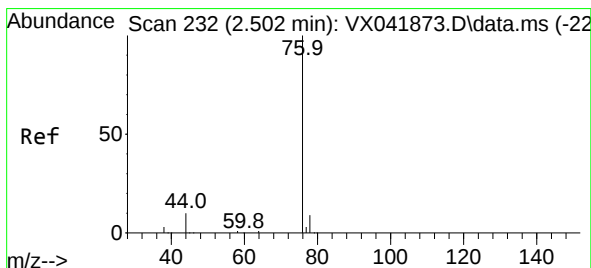
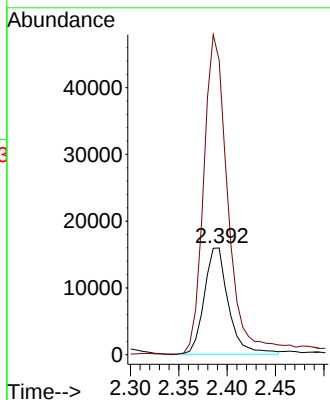
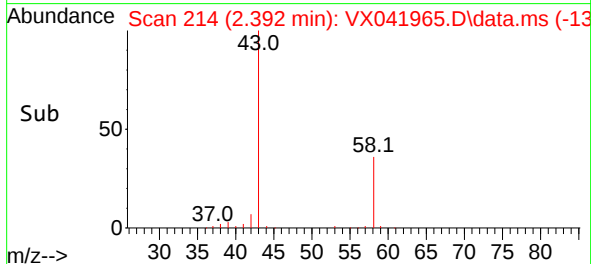
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 58 Resp: 27700
Ion Ratio Lower Upper
58 100
43 276.6 243.4 365.2

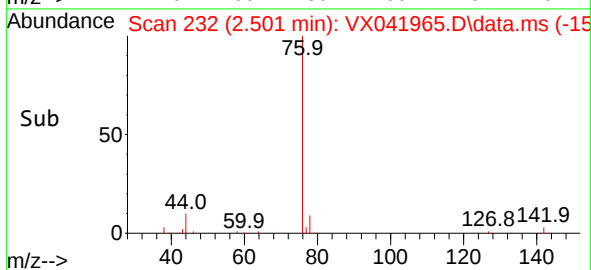
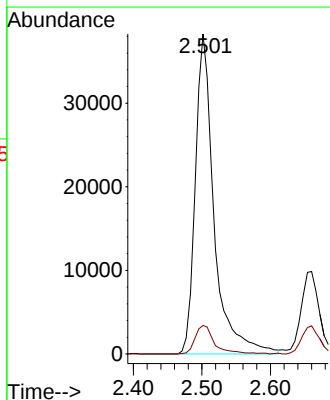
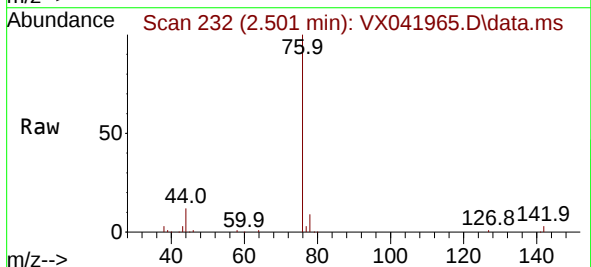
Manual Integrations
APPROVED

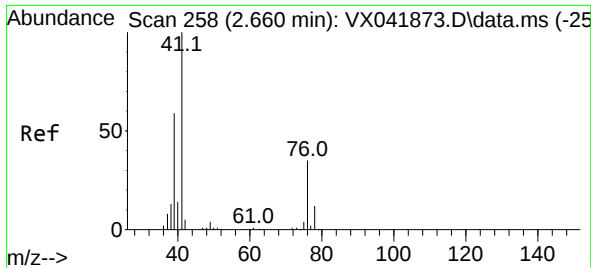
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#16
Carbon Disulfide
Concen: 17.410 ug/l
RT: 2.501 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX041965.D
Acq: 20 Jun 2024 16:31

Tgt Ion: 76 Resp: 72934
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9





#17
 Allyl chloride
 Concen: 17.944 ug/l
 RT: 2.654 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VX041965.D
 Acq: 20 Jun 2024 16:31

Instrument :

MSVOA_X

ClientSampleId :

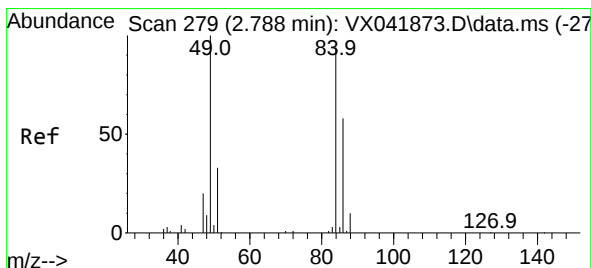
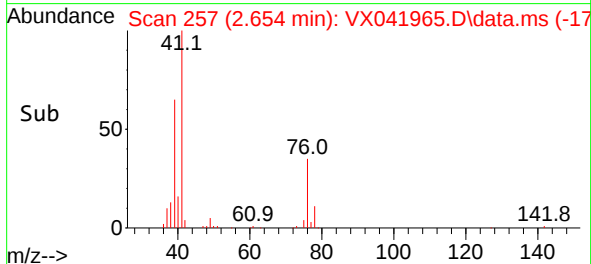
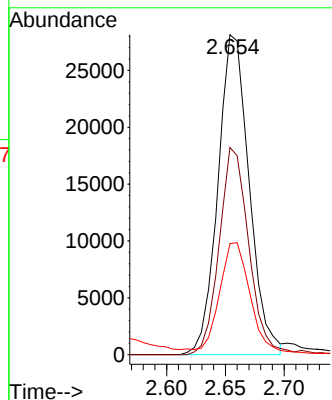
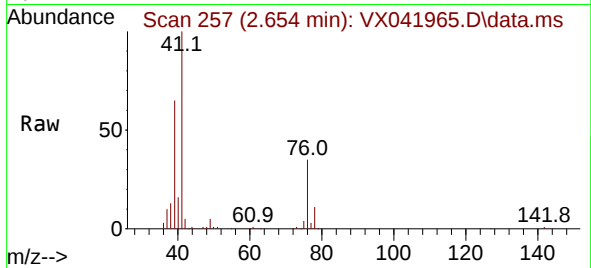
VSTDCCC020EC

Tgt Ion: 41 Resp: 5209
 Ion Ratio Lower Upper
 41 100
 39 64.8 29.6 88.8
 76 33.3 18.1 54.4

Manual Integrations

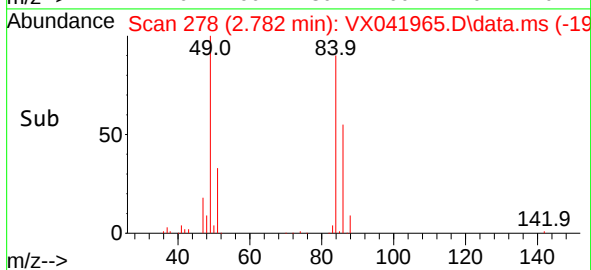
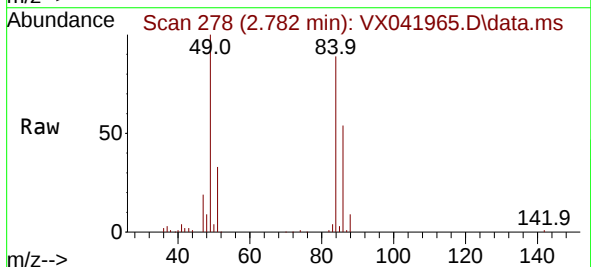
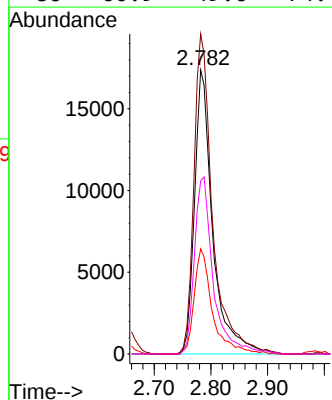
APPROVED

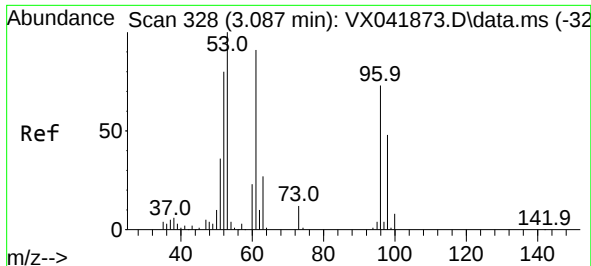
Reviewed By :John Carlone 06/21/2024
 Supervised By :Mahesh Dadoda 06/21/2024



#18
 Methylene Chloride
 Concen: 17.721 ug/l
 RT: 2.782 min Scan# 278
 Delta R.T. -0.006 min
 Lab File: VX041965.D
 Acq: 20 Jun 2024 16:31

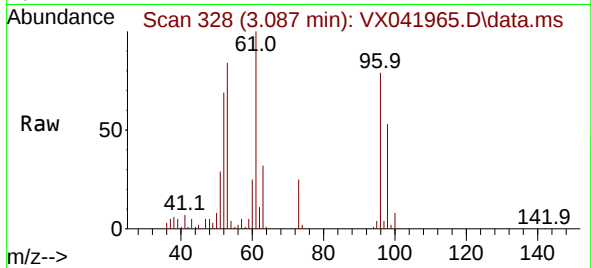
Tgt Ion: 84 Resp: 38854
 Ion Ratio Lower Upper
 84 100
 49 112.3 85.3 127.9
 51 37.0 28.5 42.7
 86 60.9 49.6 74.4





#19
trans-1,2-Dichloroethene
Concen: 17.885 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX041965.D
Acq: 20 Jun 2024 16:31

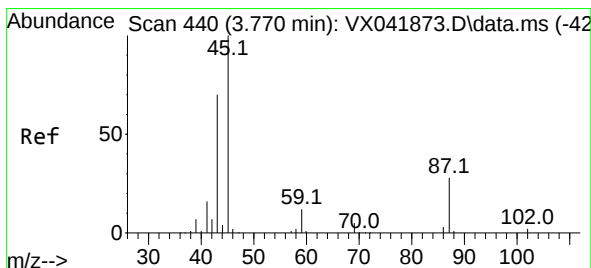
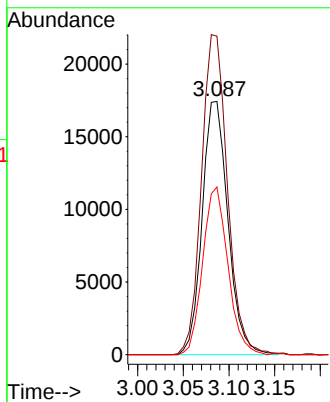
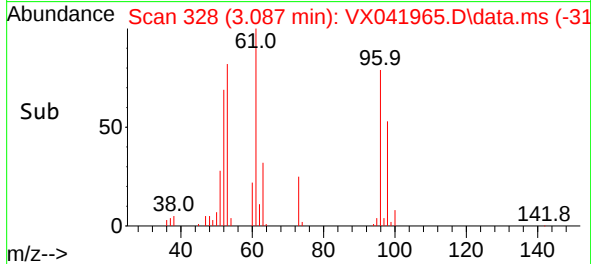
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 96 Resp: 3424
Ion Ratio Lower Upper
96 100
61 125.4 100.1 150.1
98 66.2 52.1 78.1

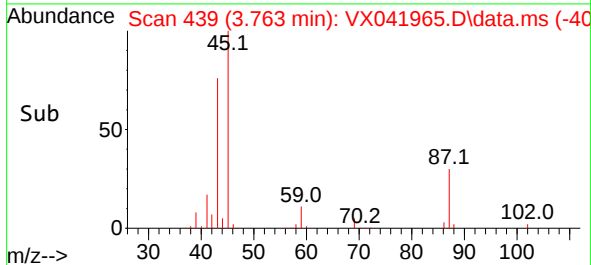
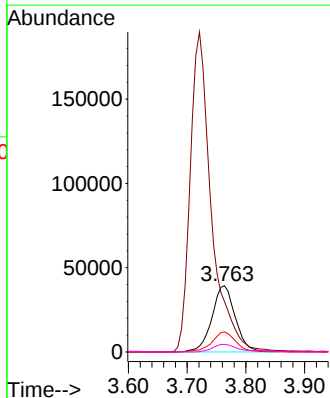
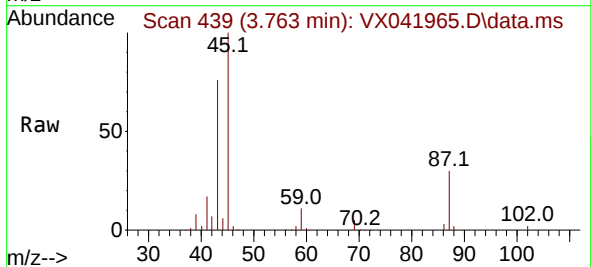
Manual Integrations
APPROVED

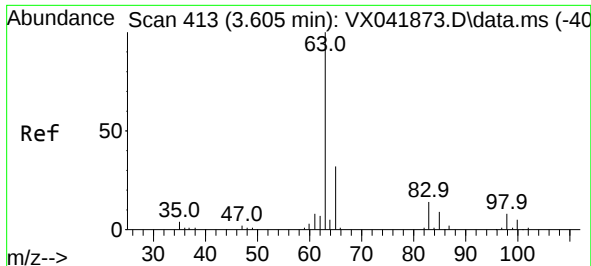
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#20
Diisopropyl ether
Concen: 18.254 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX041965.D
Acq: 20 Jun 2024 16:31

Tgt Ion: 45 Resp: 108928
Ion Ratio Lower Upper
45 100
43 74.2 55.8 83.8
87 30.3 22.6 34.0
59 11.3 9.5 14.3





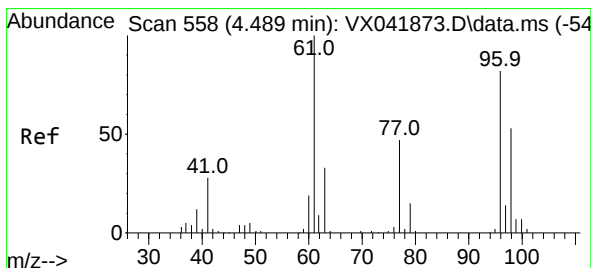
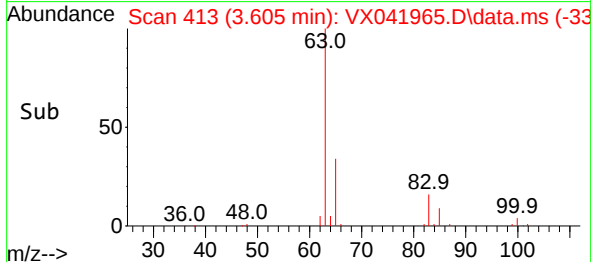
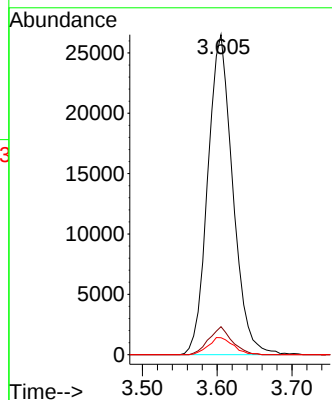
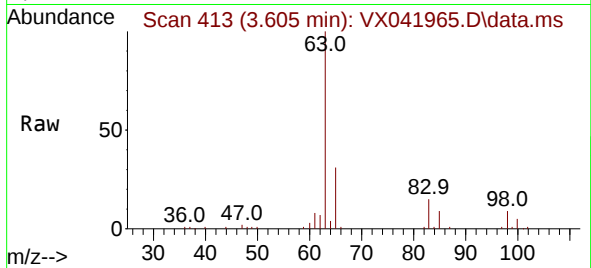
#21
1,1-Dichloroethane
Concen: 18.062 ug/l
RT: 3.605 min Scan# 41
Delta R.T. -0.000 min
Lab File: VX041965.D
Acq: 20 Jun 2024 16:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 6156
Ion Ratio Lower Upper
63 100
98 8.8 4.2 12.4
100 5.3 2.5 7.4

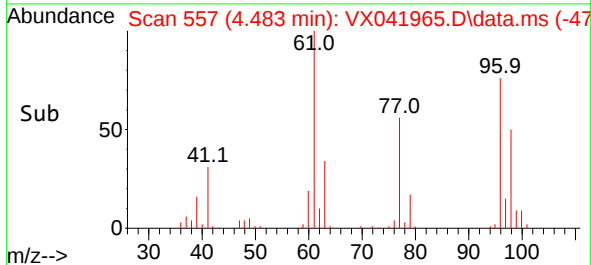
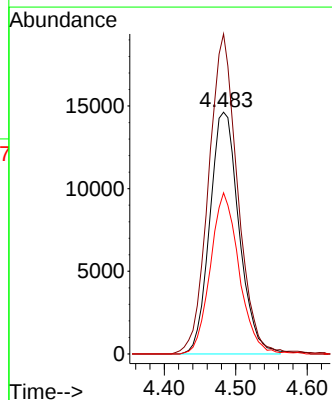
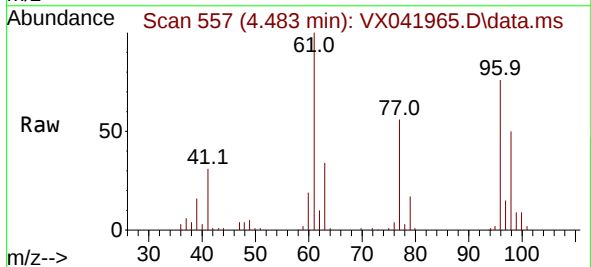
Manual Integrations
APPROVED

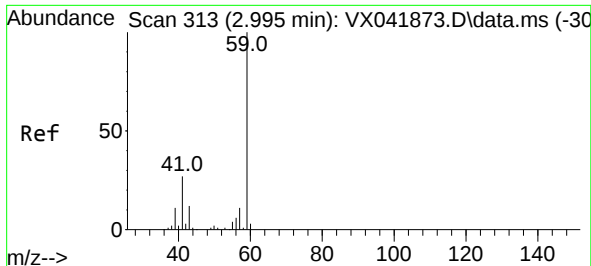
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#22
cis-1,2-Dichloroethene
Concen: 17.933 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX041965.D
Acq: 20 Jun 2024 16:31

Tgt Ion: 96 Resp: 41568
Ion Ratio Lower Upper
96 100
61 130.8 103.3 154.9
98 65.3 52.2 78.2





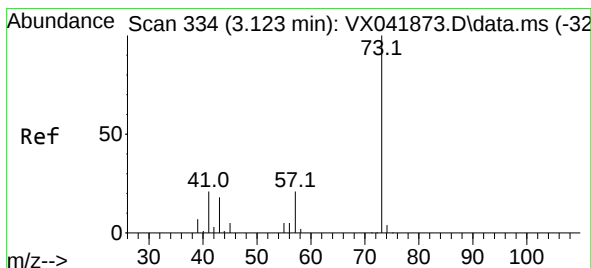
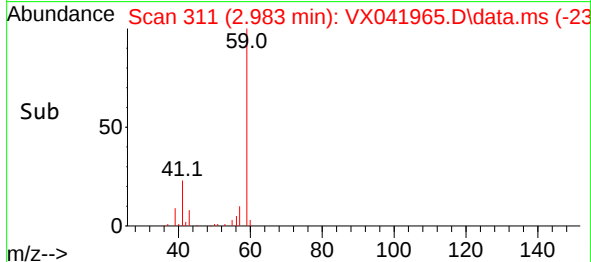
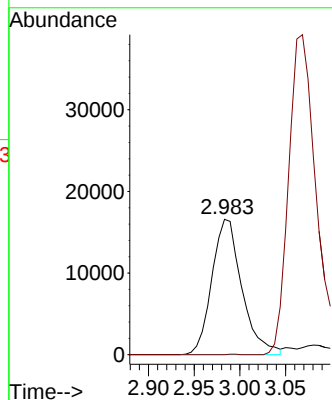
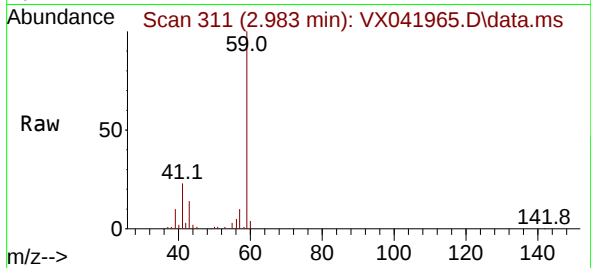
#23
tert-Butyl Alcohol
Concen: 88.457 ug/l
RT: 2.983 min Scan# 313
Delta R.T. -0.012 min
Lab File: VX041965.D
Acq: 20 Jun 2024 16:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 59 Resp: 3804
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0

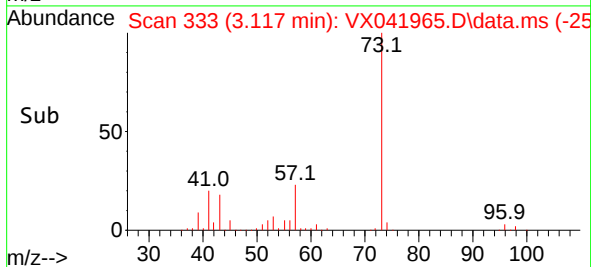
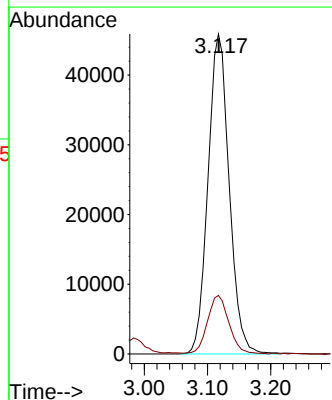
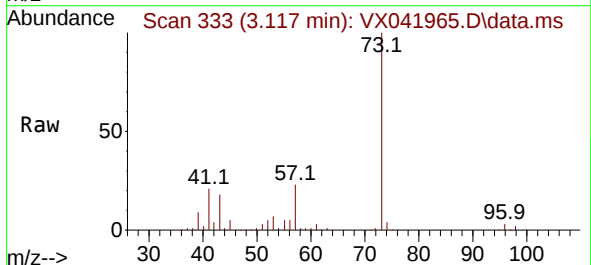
Manual Integrations
APPROVED

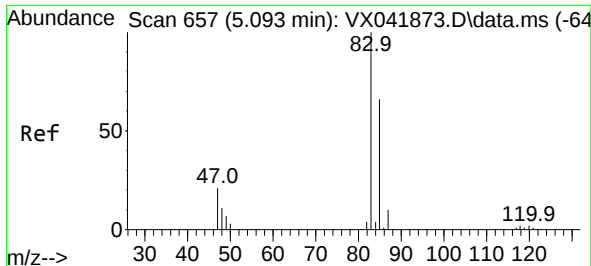
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#24
Methyl tert-Butyl Ether
Concen: 18.072 ug/l
RT: 3.117 min Scan# 333
Delta R.T. -0.006 min
Lab File: VX041965.D
Acq: 20 Jun 2024 16:31

Tgt Ion: 73 Resp: 106858
Ion Ratio Lower Upper
73 100
43 18.6 15.1 22.7





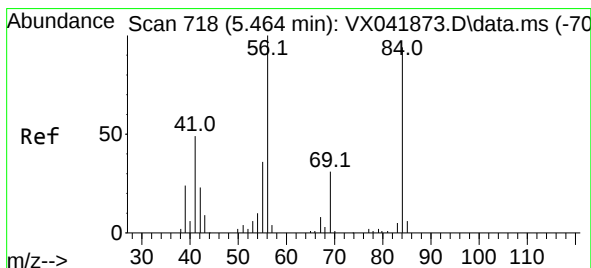
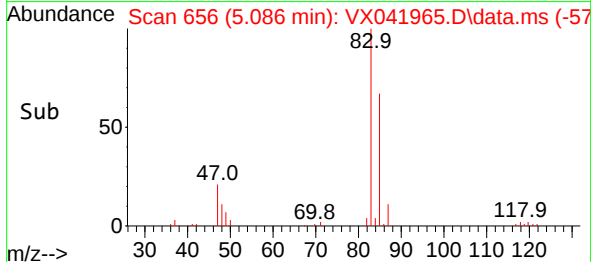
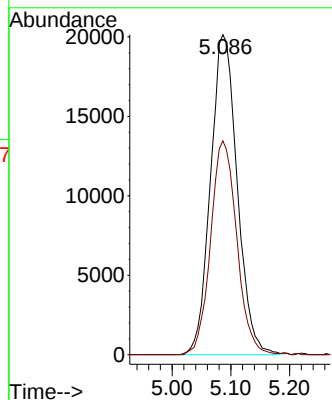
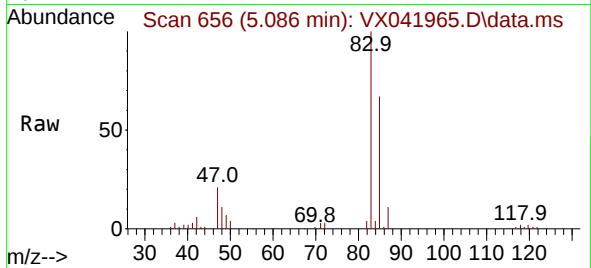
#25
Chloroform
Concen: 18.362 ug/l
RT: 5.086 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX041965.D
Acq: 20 Jun 2024 16:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 6360
Ion Ratio Lower Upper
83 100
85 66.8 52.7 79.1

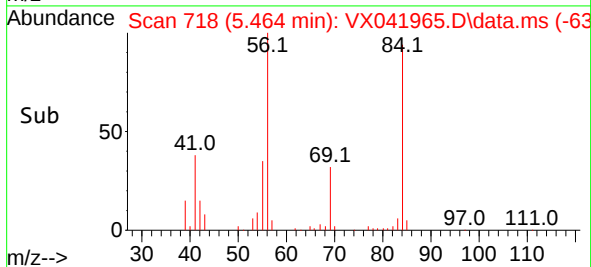
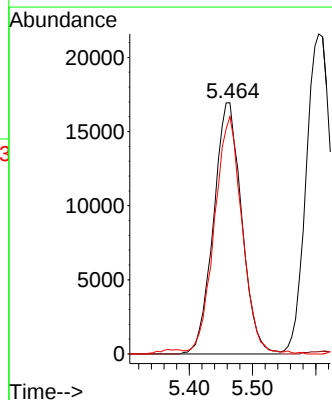
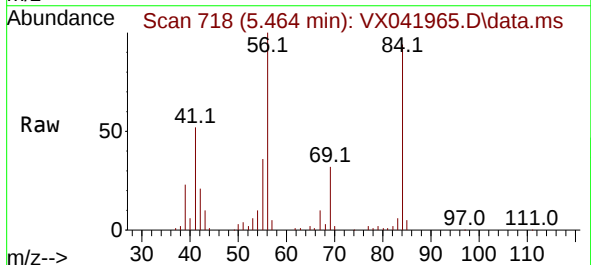
Manual Integrations
APPROVED

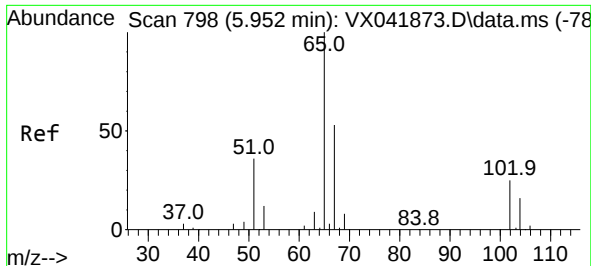
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#26
Cyclohexane
Concen: 17.667 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX041965.D
Acq: 20 Jun 2024 16:31

Tgt Ion: 56 Resp: 52304
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 93.1 73.1 109.7





#27
1,2-Dichloroethane-d4
Concen: 31.447 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX041965.D
Acq: 20 Jun 2024 16:31

Instrument :

MSVOA_X

ClientSampleId :

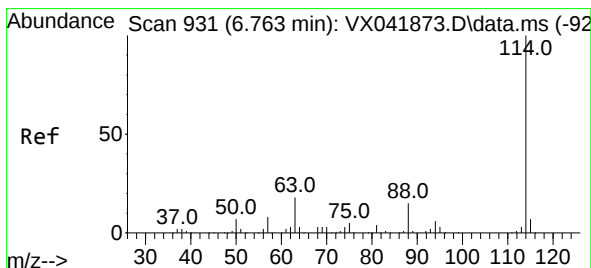
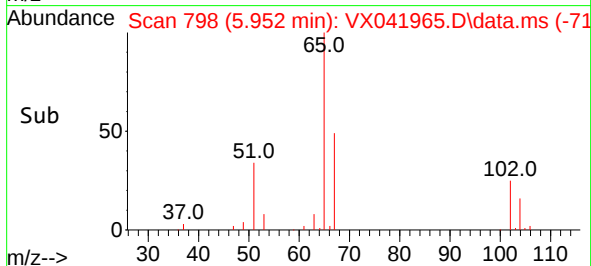
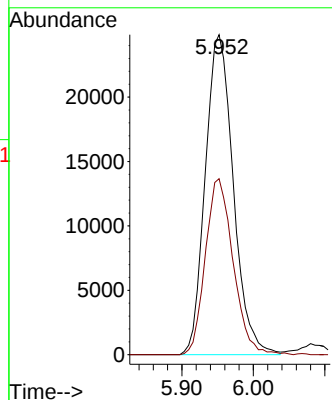
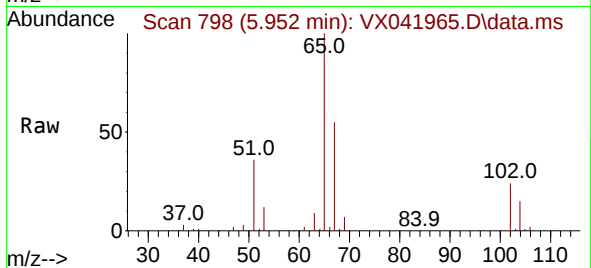
VSTDCCC020EC

Tgt Ion: 65 Resp: 6771
Ion Ratio Lower Upper
65 100
67 54.4 43.4 65.0

Manual Integrations

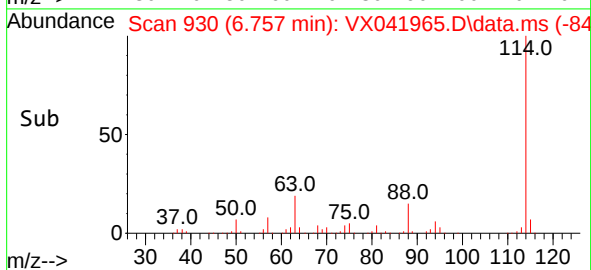
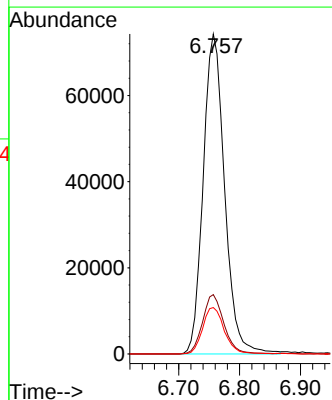
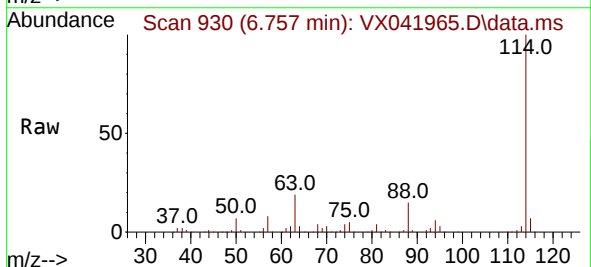
APPROVED

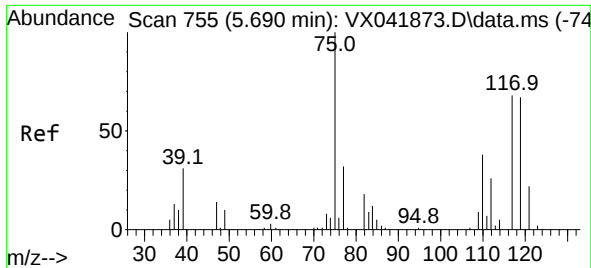
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX041965.D
Acq: 20 Jun 2024 16:31

Tgt Ion:114 Resp: 181759
Ion Ratio Lower Upper
114 100
63 18.3 14.6 21.8
88 14.7 11.8 17.8





#29
1,1-Dichloropropene
Concen: 18.036 ug/l
RT: 5.684 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX041965.D
Acq: 20 Jun 2024 16:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

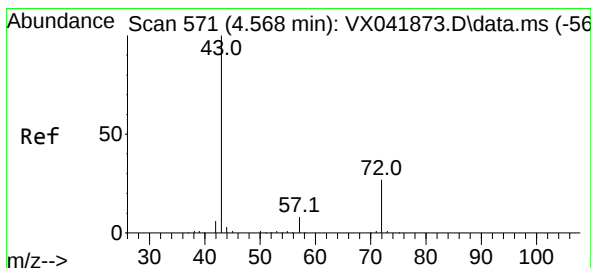
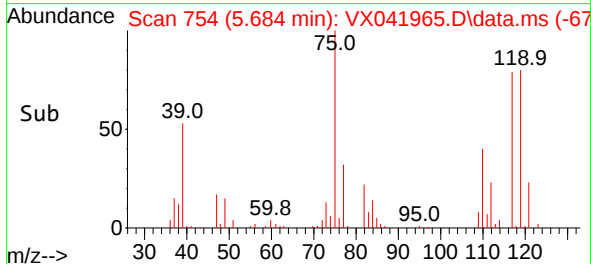
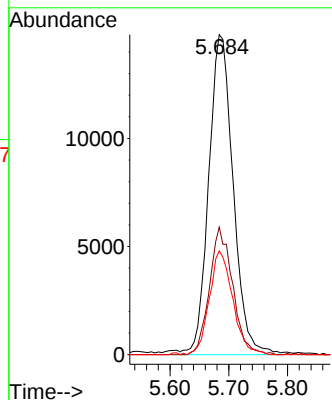
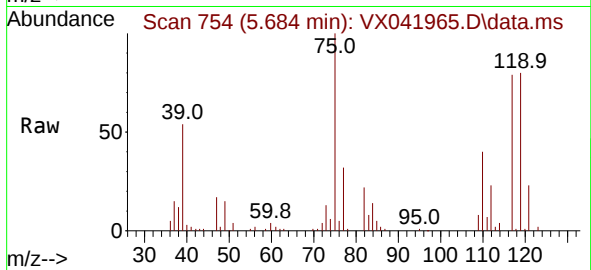
Tgt Ion: 75 Resp: 4278
Ion Ratio Lower Upper
75 100
110 37.5 0.0 80.2
77 31.1 0.0 65.2

Manual Integrations

APPROVED

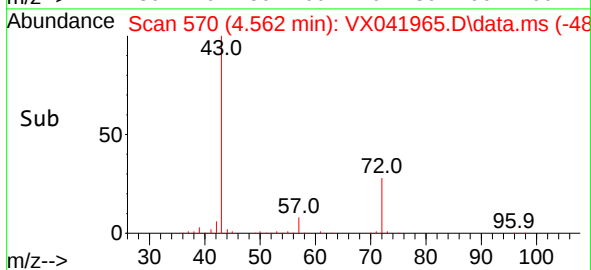
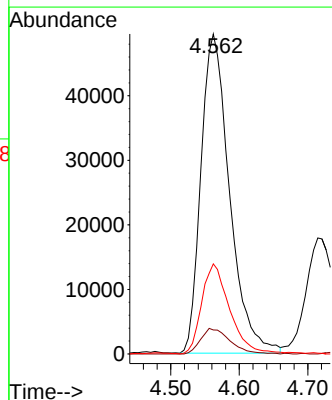
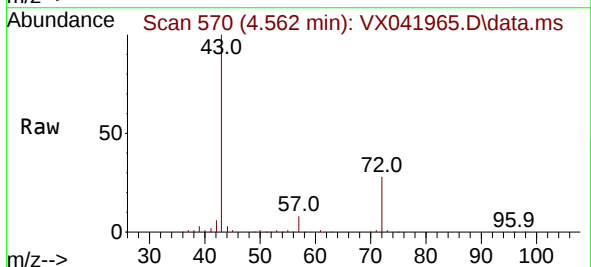
Reviewed By :John Carlone 06/21/2024

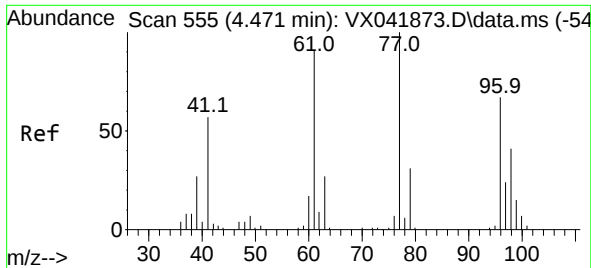
Supervised By :Mahesh Dadoda 06/21/2024



#30
2-Butanone
Concen: 90.562 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.006 min
Lab File: VX041965.D
Acq: 20 Jun 2024 16:31

Tgt Ion: 43 Resp: 143549
Ion Ratio Lower Upper
43 100
57 8.2 6.5 9.7
72 27.6 22.0 33.0





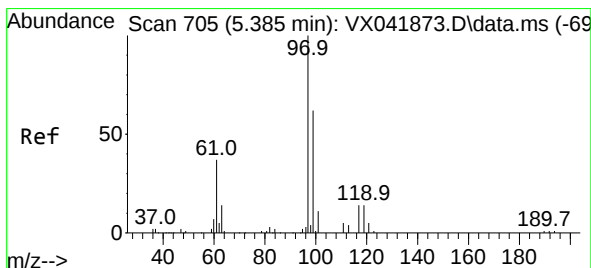
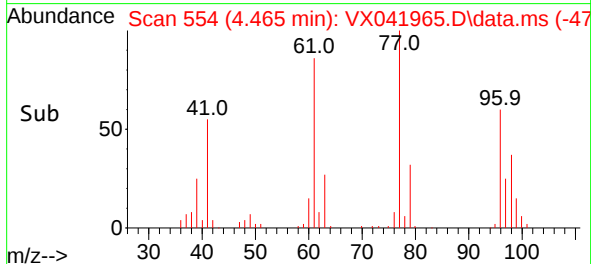
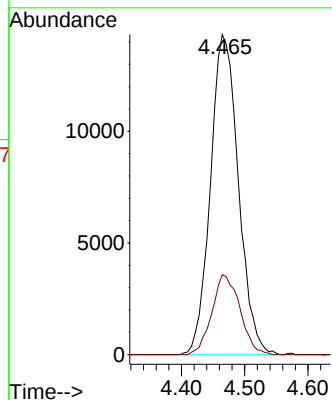
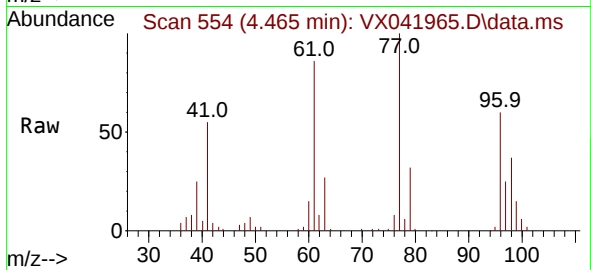
#31
2,2-Dichloropropane
Concen: 16.912 ug/l
RT: 4.465 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX041965.D
Acq: 20 Jun 2024 16:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 77 Resp: 43960
Ion Ratio Lower Upper
77 100
97 25.0 20.2 30.2

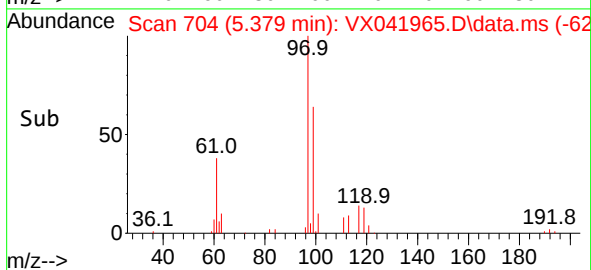
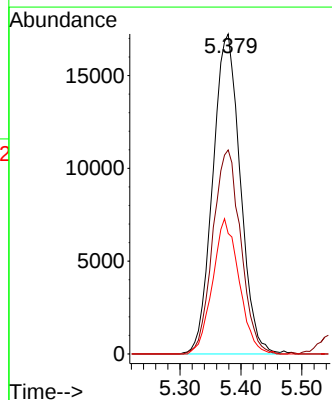
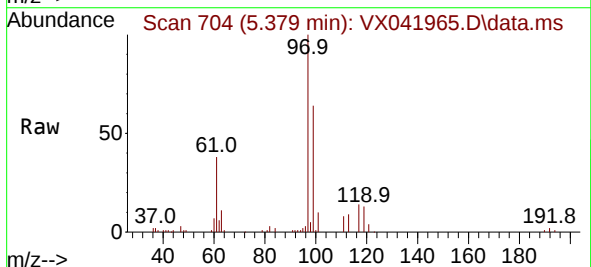
Manual Integrations
APPROVED

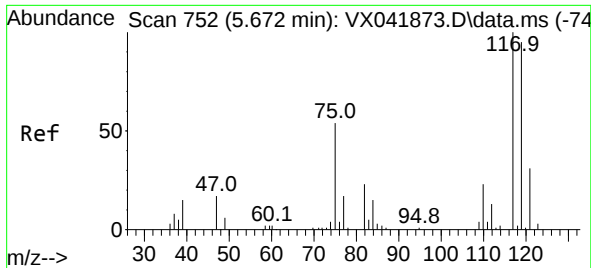
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#32
1,1,1-Trichloroethane
Concen: 17.980 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX041965.D
Acq: 20 Jun 2024 16:31

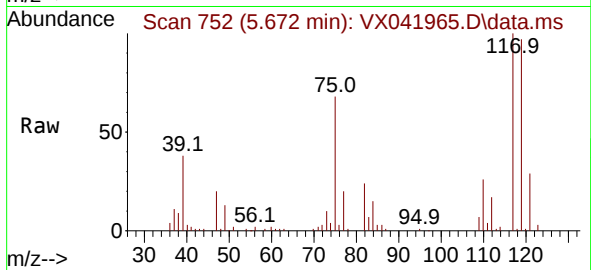
Tgt Ion: 97 Resp: 54069
Ion Ratio Lower Upper
97 100
99 64.8 52.0 78.0
61 40.6 31.7 47.5





#33
Carbon Tetrachloride
Concen: 18.053 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX041965.D
Acq: 20 Jun 2024 16:31

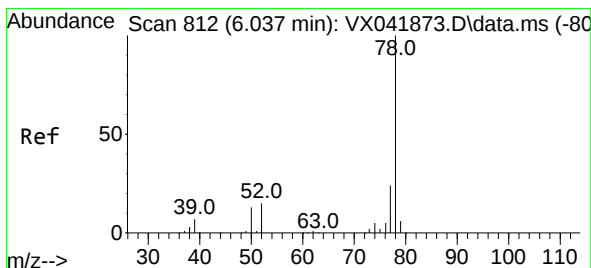
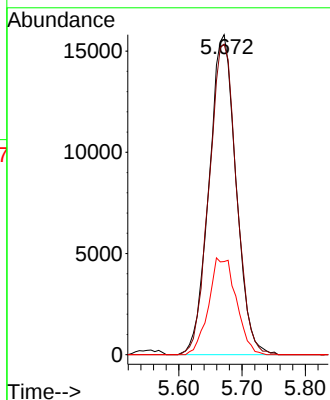
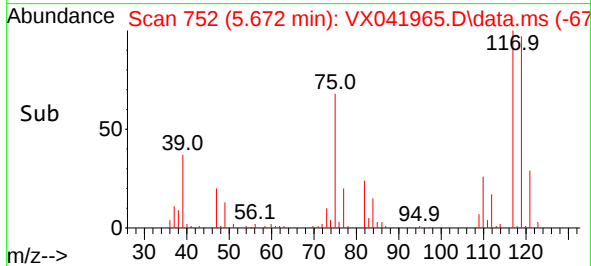
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:117 Resp: 4682
Ion Ratio Lower Upper
117 100
119 97.1 75.7 113.5
121 29.1 24.9 37.3

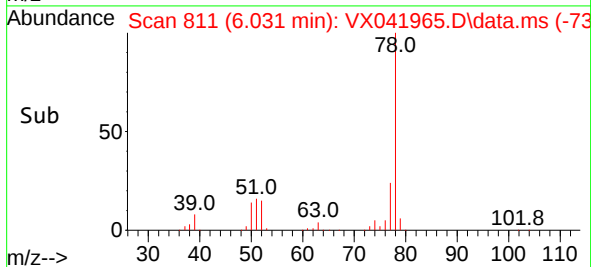
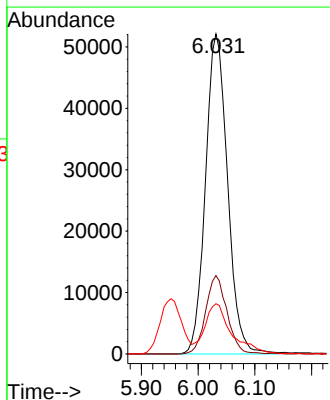
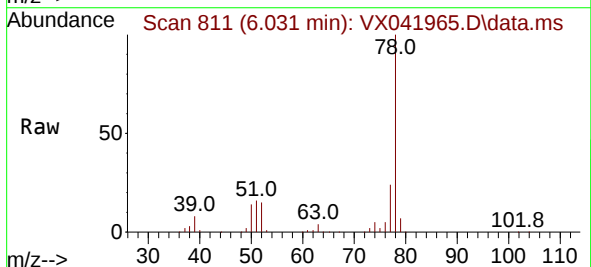
Manual Integrations
APPROVED

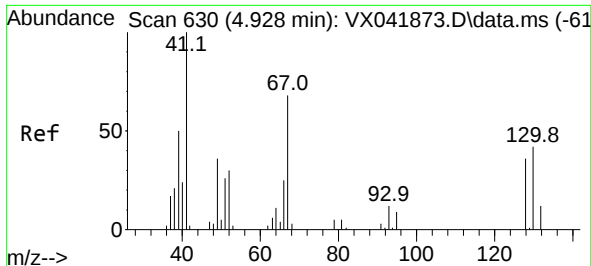
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#34
Benzene
Concen: 17.844 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX041965.D
Acq: 20 Jun 2024 16:31

Tgt Ion: 78 Resp: 141017
Ion Ratio Lower Upper
78 100
77 24.5 18.9 28.3
51 15.5 11.8 17.8





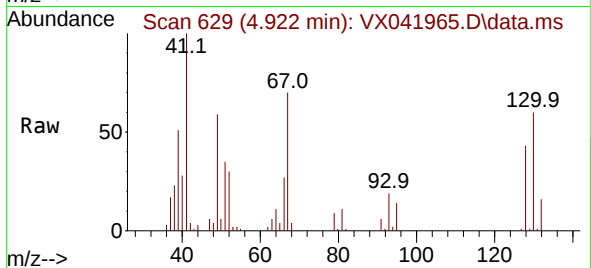
#35
Methacrylonitrile
Concen: 18.515 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX041965.D
Acq: 20 Jun 2024 16:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



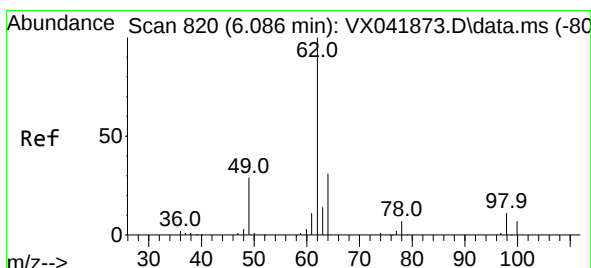
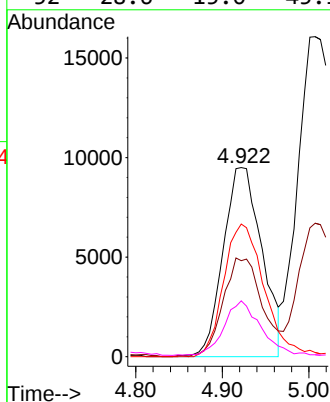
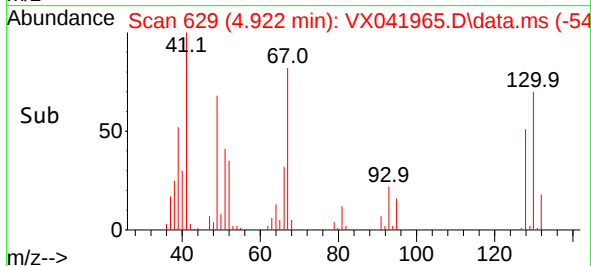
Tgt Ion: 41 Resp: 29478
Ion Ratio Lower Upper
41 100
39 50.1 25.2 75.6
67 70.2 34.2 102.5
52 28.6 15.0 45.1

Manual Integrations

APPROVED

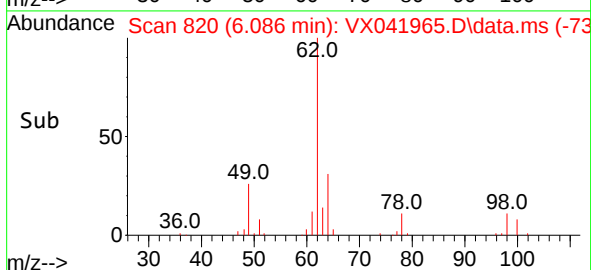
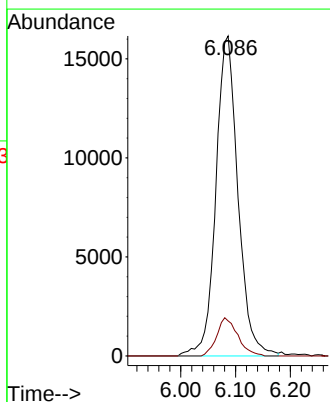
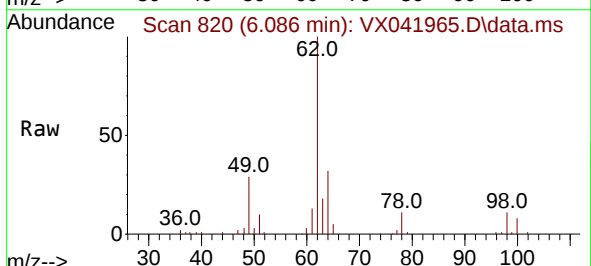
Reviewed By :John Carlone 06/21/2024

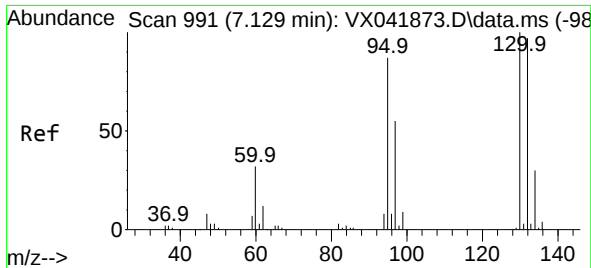
Supervised By :Mahesh Dadoda 06/21/2024



#36
1,2-Dichloroethane
Concen: 18.408 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX041965.D
Acq: 20 Jun 2024 16:31

Tgt Ion: 62 Resp: 45319
Ion Ratio Lower Upper
62 100
98 11.3 9.1 13.7





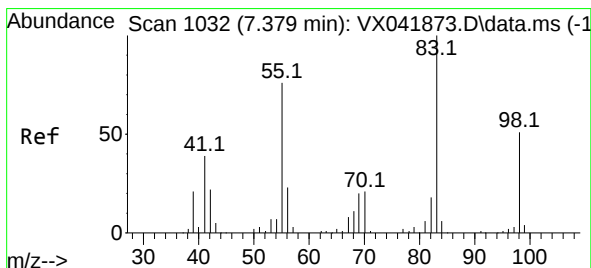
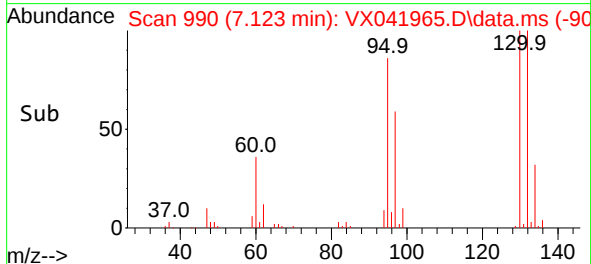
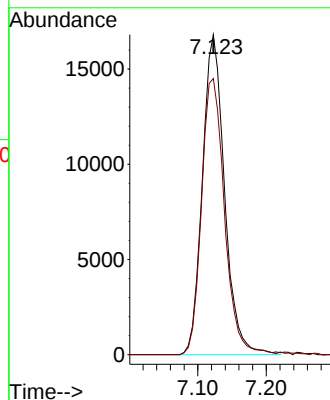
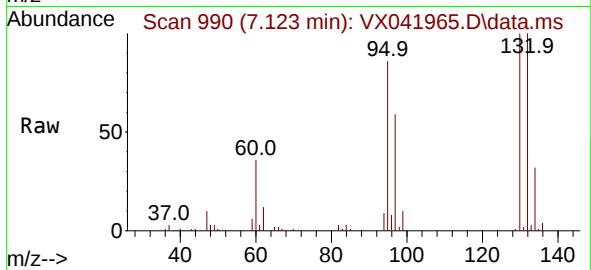
#37
Trichloroethene
Concen: 17.541 ug/l
RT: 7.123 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX041965.D
Acq: 20 Jun 2024 16:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:130 Resp: 3786
Ion Ratio Lower Upper
130 100
95 86.3 69.4 104.0

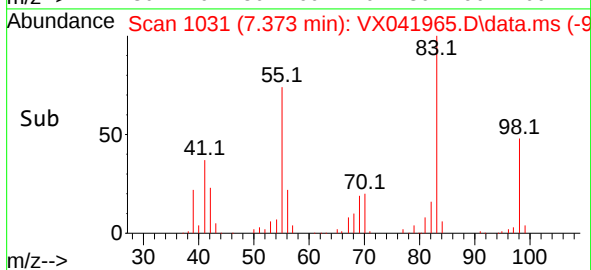
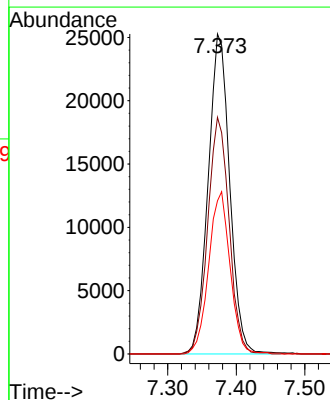
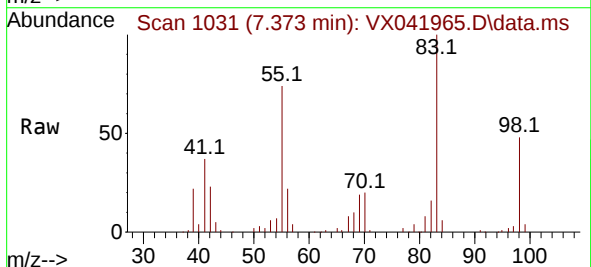
Manual Integrations
APPROVED

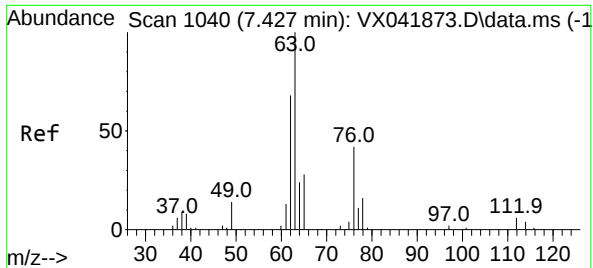
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#38
Methylcyclohexane
Concen: 17.609 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX041965.D
Acq: 20 Jun 2024 16:31

Tgt Ion: 83 Resp: 55330
Ion Ratio Lower Upper
83 100
55 73.1 37.3 111.9
98 50.3 24.8 74.4





#39

1,2-Dichloropropane

Concen: 17.780 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX041965.D

Acq: 20 Jun 2024 16:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 33470

Ion Ratio Lower Upper

63 100

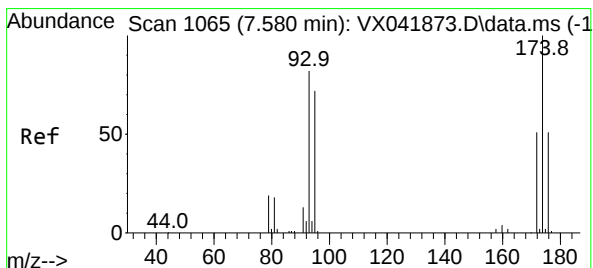
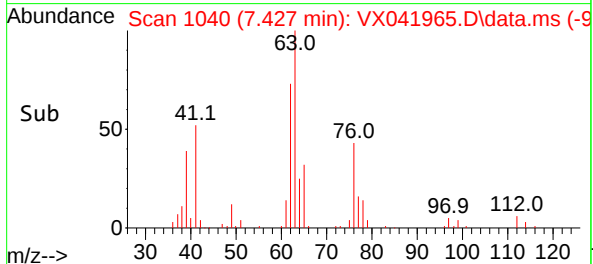
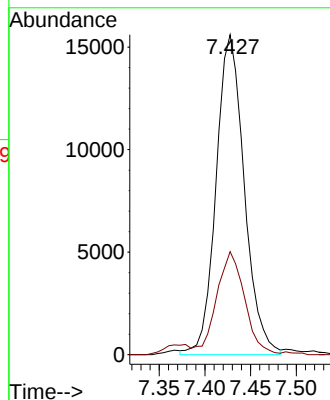
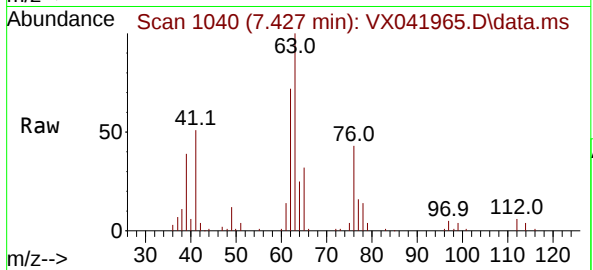
65 32.1 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/21/2024

Supervised By :Mahesh Dadoda 06/21/2024



#40

Dibromomethane

Concen: 18.245 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX041965.D

Acq: 20 Jun 2024 16:31

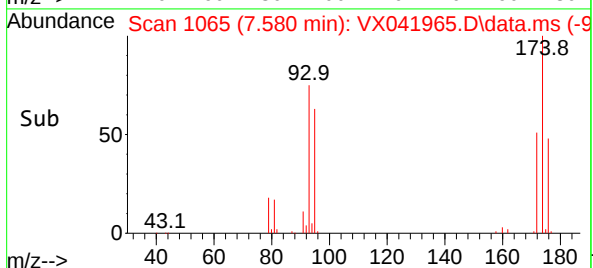
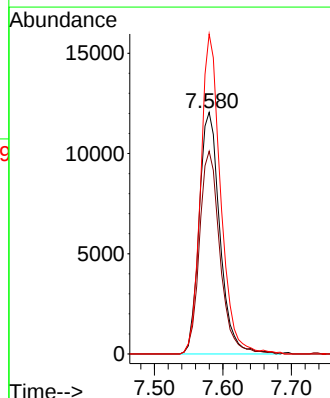
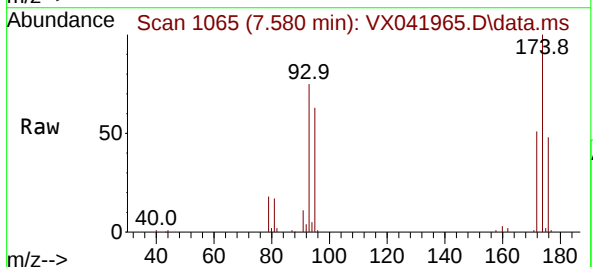
Tgt Ion: 93 Resp: 25407

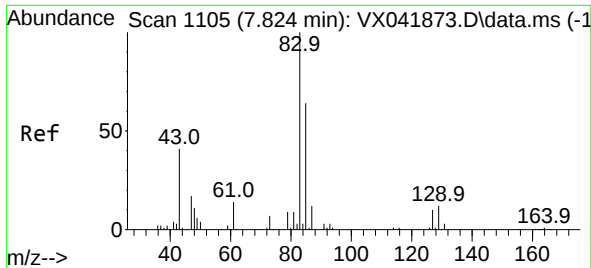
Ion Ratio Lower Upper

93 100

95 82.7 0.0 168.6

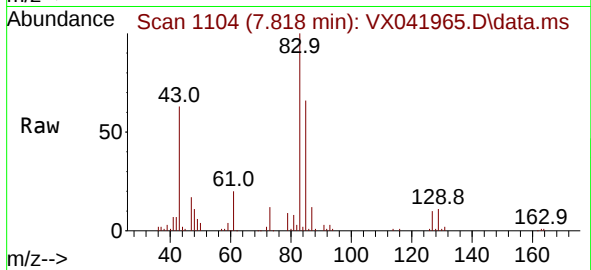
174 127.0 0.0 255.0





#41
Bromodichloromethane
Concen: 17.987 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX041965.D
Acq: 20 Jun 2024 16:31

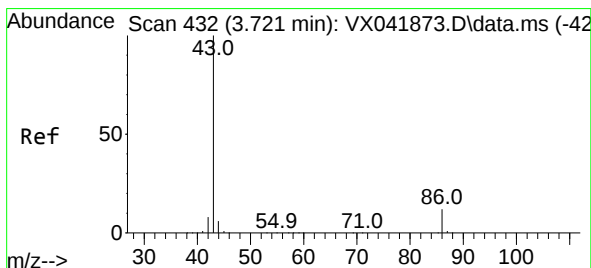
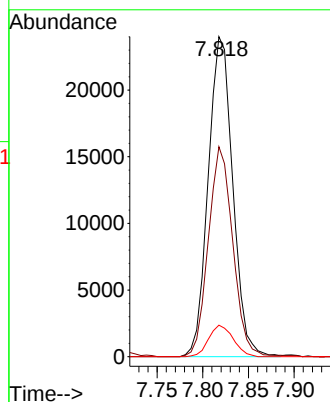
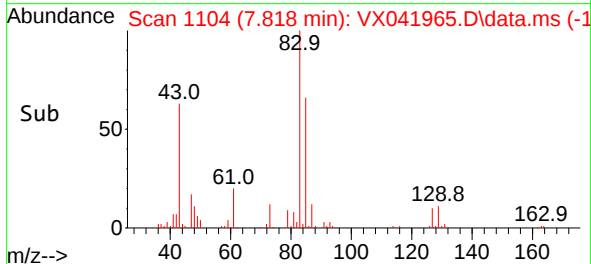
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 83 Resp: 44872
Ion Ratio Lower Upper
83 100
85 65.6 51.1 76.7
127 9.8 8.1 12.1

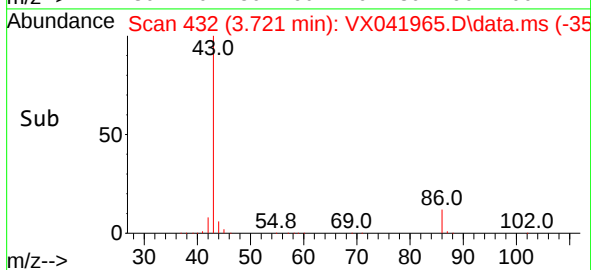
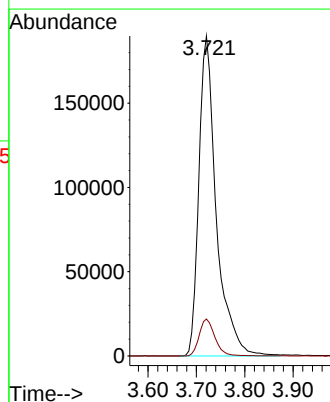
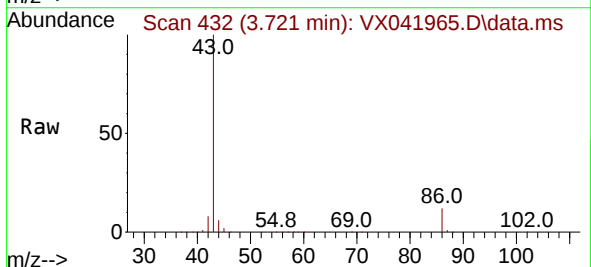
Manual Integrations
APPROVED

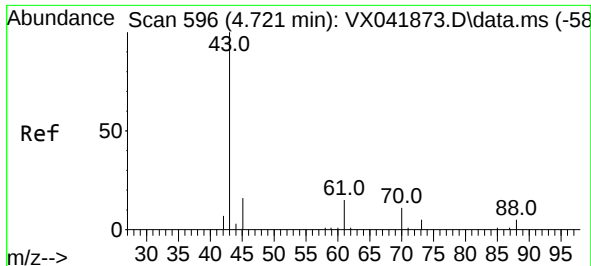
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#42
Vinyl Acetate
Concen: 89.694 ug/l
RT: 3.721 min Scan# 432
Delta R.T. -0.000 min
Lab File: VX041965.D
Acq: 20 Jun 2024 16:31

Tgt Ion: 43 Resp: 475886
Ion Ratio Lower Upper
43 100
86 10.3 8.5 12.7





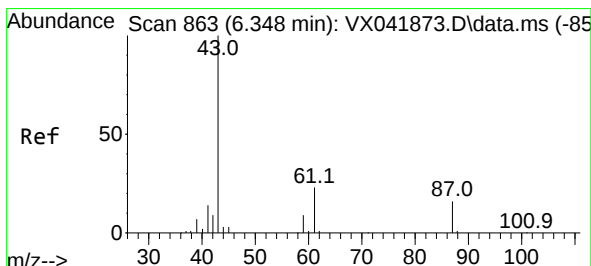
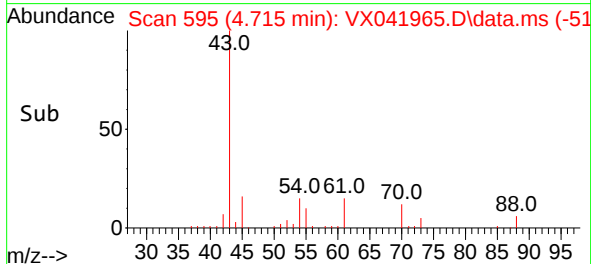
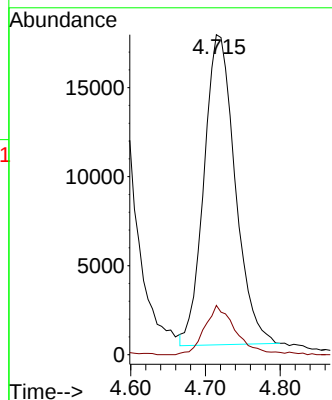
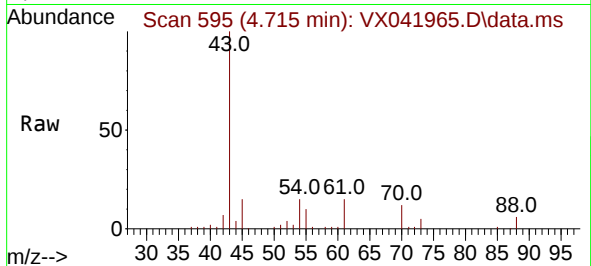
#43
Ethyl Acetate
Concen: 17.000 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.006 min
Lab File: VX041965.D
Acq: 20 Jun 2024 16:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 43 Resp: 50529
Ion Ratio Lower Upper
43 100
45 15.5 12.4 18.6

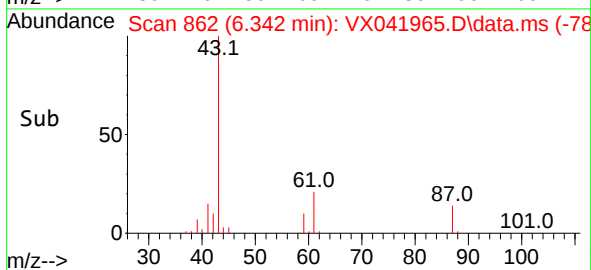
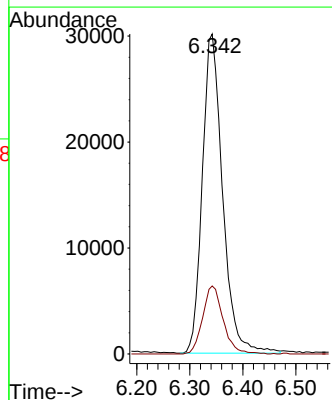
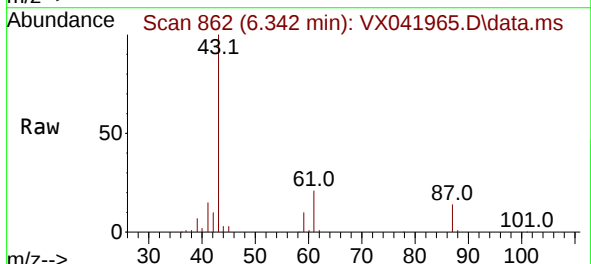
Manual Integrations
APPROVED

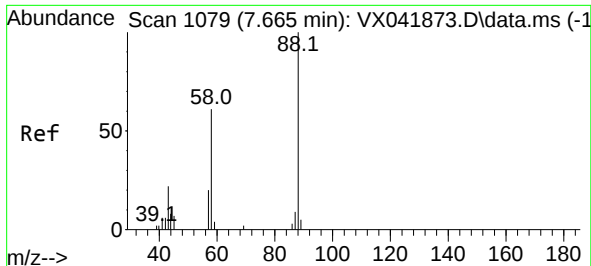
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#44
Isopropyl Acetate
Concen: 17.992 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.006 min
Lab File: VX041965.D
Acq: 20 Jun 2024 16:31

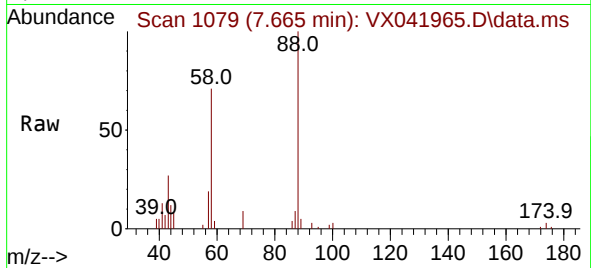
Tgt Ion: 43 Resp: 80093
Ion Ratio Lower Upper
43 100
61 21.3 17.4 26.0





#45
1,4-Dioxane
Concen: 309.064 ug/l m
RT: 7.665 min Scan# 1079
Delta R.T. -0.000 min
Lab File: VX041965.D
Acq: 20 Jun 2024 16:31

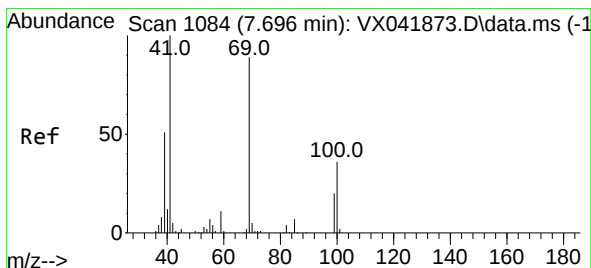
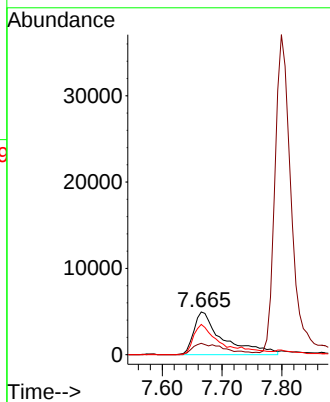
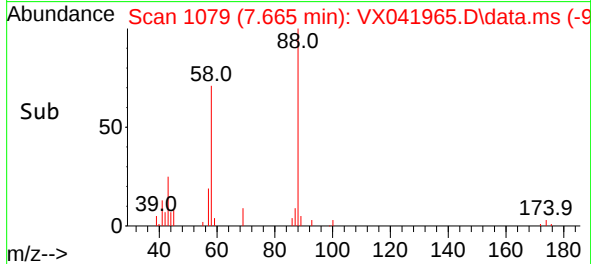
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 88 Resp: 16770
Ion Ratio Lower Upper
88 100
43 14.4 23.2 34.8
58 51.0 52.6 78.8

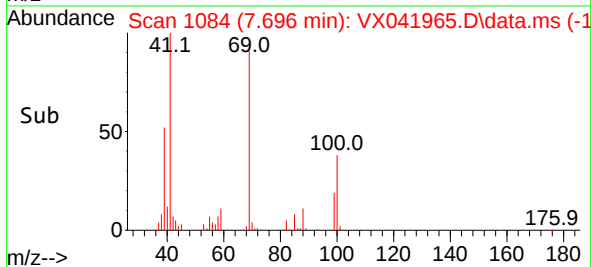
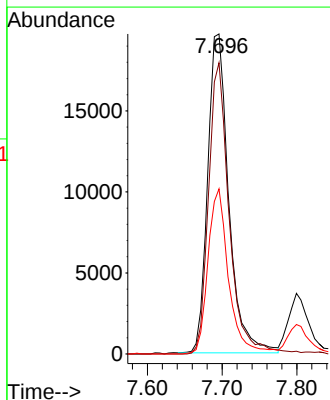
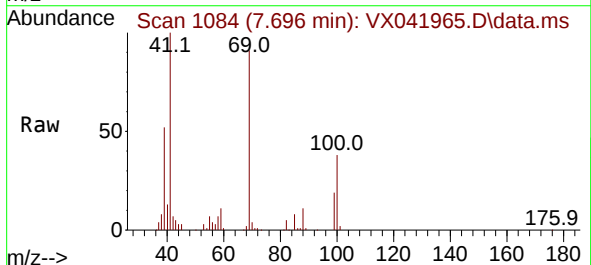
Manual Integrations
APPROVED

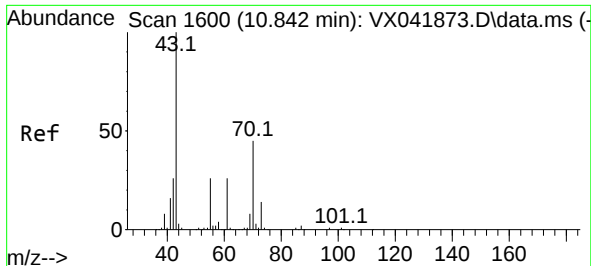
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#46
Methyl methacrylate
Concen: 17.828 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX041965.D
Acq: 20 Jun 2024 16:31

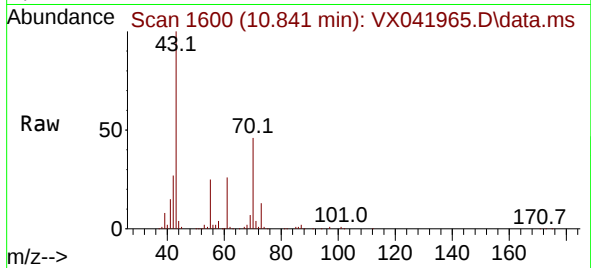
Tgt Ion: 41 Resp: 38803
Ion Ratio Lower Upper
41 100
69 91.3 44.4 133.1
39 51.8 25.5 76.5





#47
n-amyl acetate
Concen: 17.398 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX041965.D
Acq: 20 Jun 2024 16:31

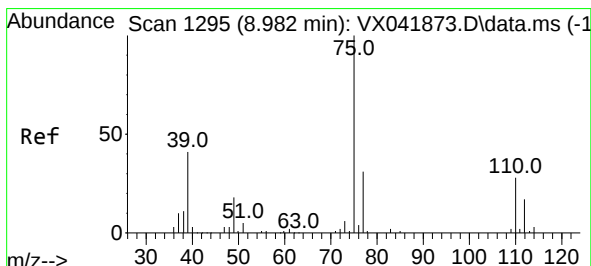
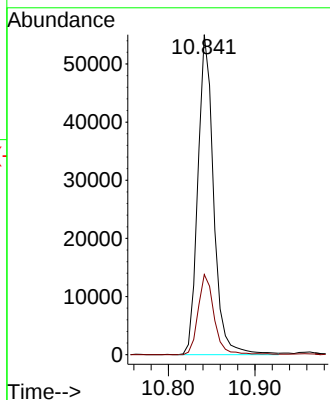
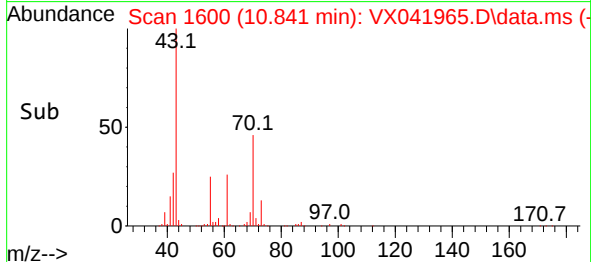
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 6950
Ion Ratio Lower Upper
43 100
55 25.2 21.0 31.4

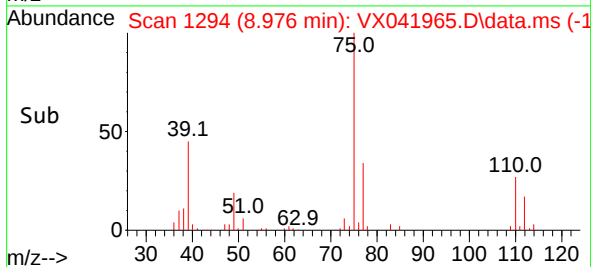
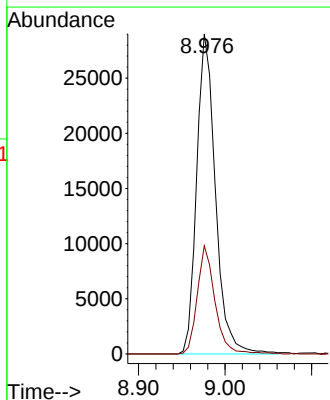
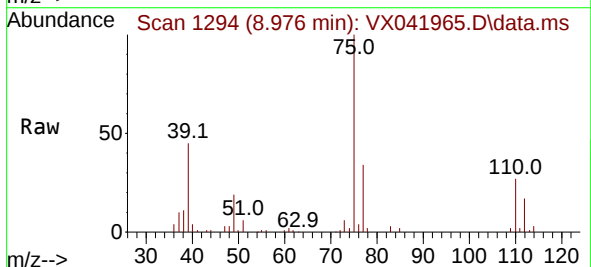
Manual Integrations
APPROVED

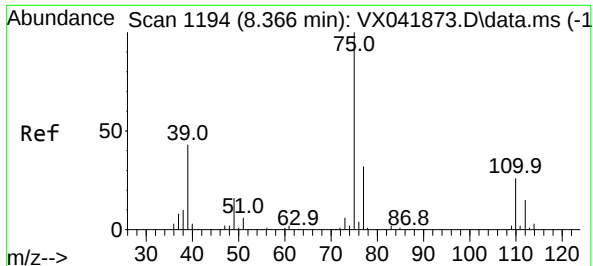
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#48
t-1,3-Dichloropropene
Concen: 17.017 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.006 min
Lab File: VX041965.D
Acq: 20 Jun 2024 16:31

Tgt Ion: 75 Resp: 43710
Ion Ratio Lower Upper
75 100
77 33.8 25.1 37.7





#49

cis-1,3-Dichloropropene

Concen: 17.599 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX041965.D

Acq: 20 Jun 2024 16:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 75 Resp: 50700

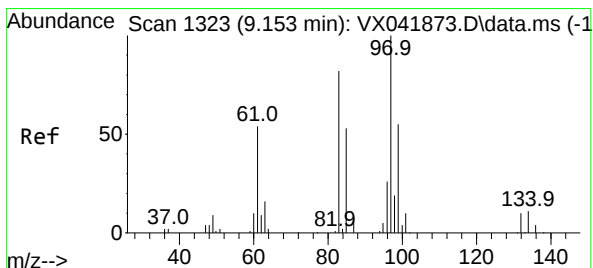
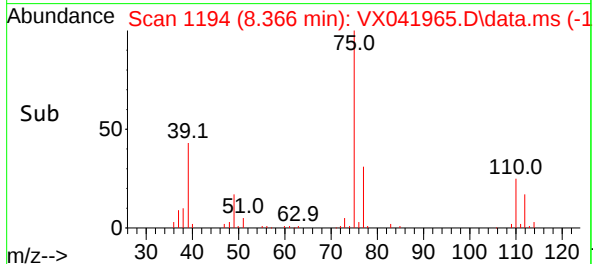
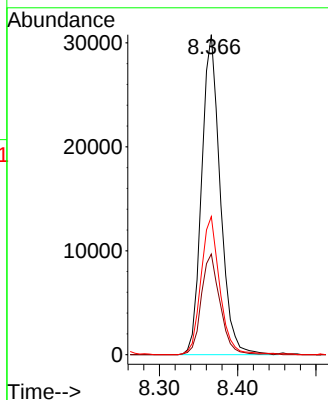
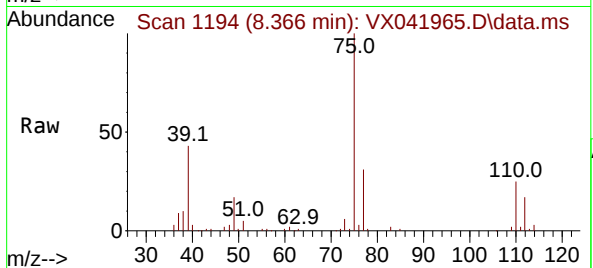
Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.8	38.8
39	43.2	34.8	52.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/21/2024

Supervised By :Mahesh Dadoda 06/21/2024



#50

1,1,2-Trichloroethane

Concen: 18.168 ug/l

RT: 9.153 min Scan# 1323

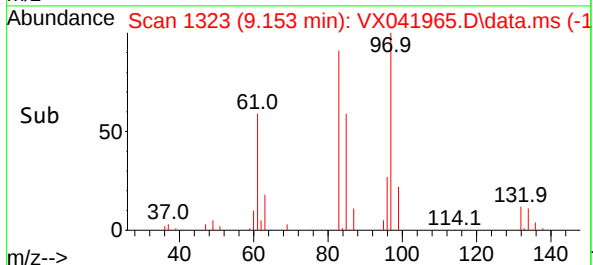
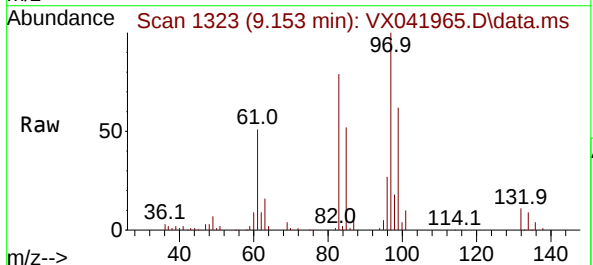
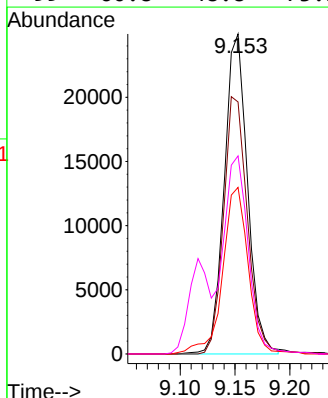
Delta R.T. -0.000 min

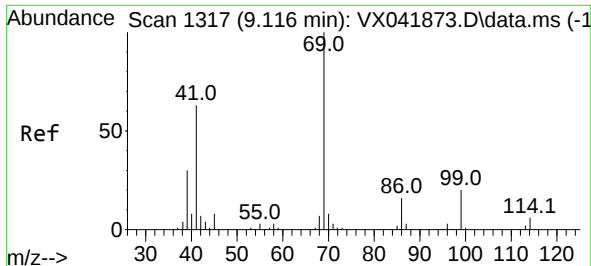
Lab File: VX041965.D

Acq: 20 Jun 2024 16:31

Tgt Ion: 97 Resp: 36787

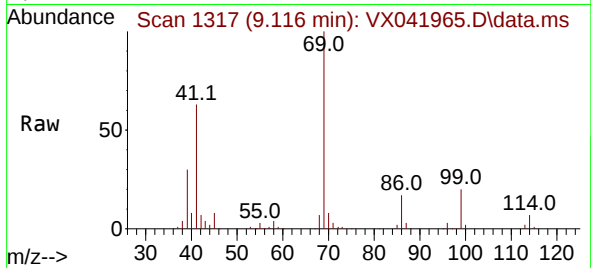
Ion	Ratio	Lower	Upper
97	100		
83	78.8	65.9	98.9
85	51.6	42.9	64.3
99	60.8	48.8	73.2





#51
Ethyl methacrylate
Concen: 17.278 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX041965.D
Acq: 20 Jun 2024 16:31

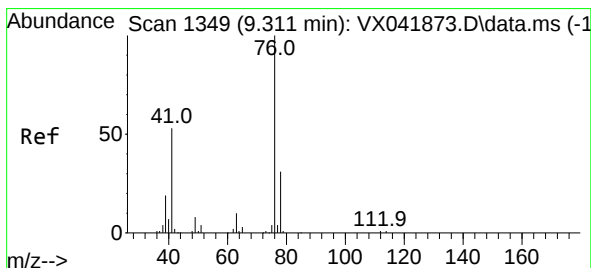
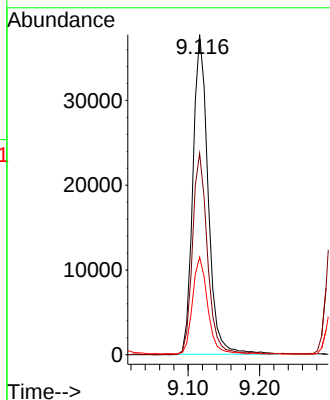
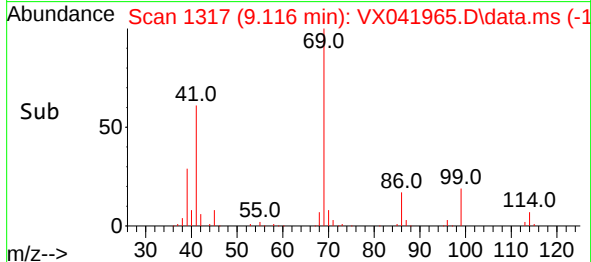
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



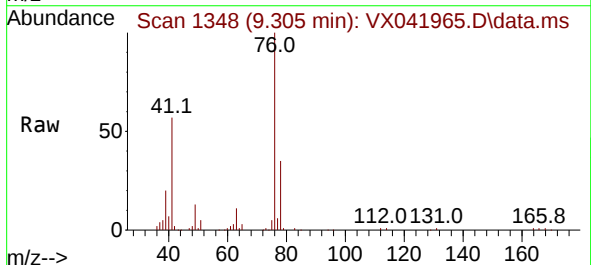
Tgt Ion: 69 Resp: 55570
Ion Ratio Lower Upper
69 100
41 62.8 31.6 94.7
39 30.3 15.3 45.8

Manual Integrations
APPROVED

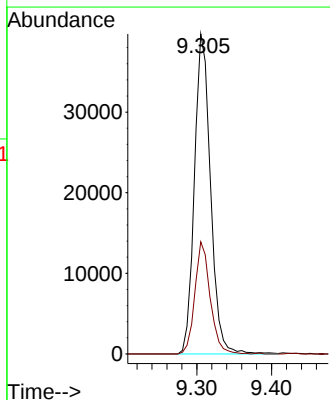
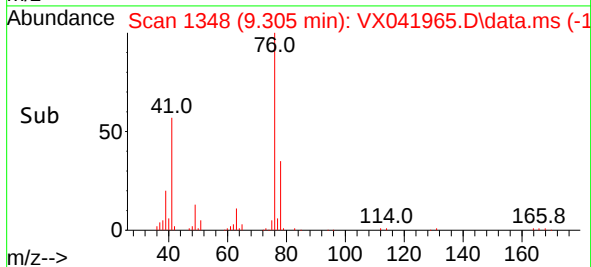
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024

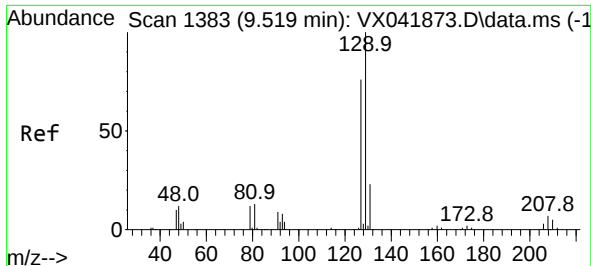


#52
1,3-Dichloropropane
Concen: 17.955 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.006 min
Lab File: VX041965.D
Acq: 20 Jun 2024 16:31



Tgt Ion: 76 Resp: 59436
Ion Ratio Lower Upper
76 100
78 33.4 0.0 66.0





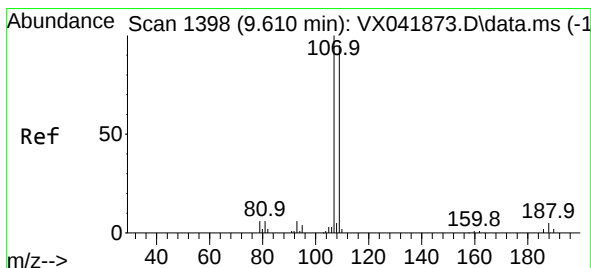
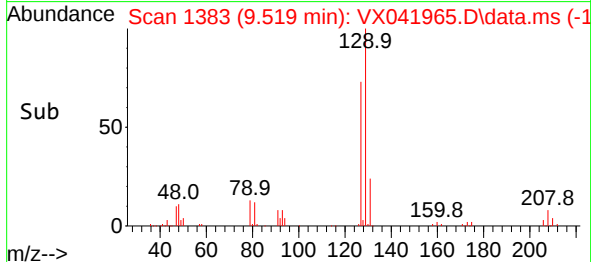
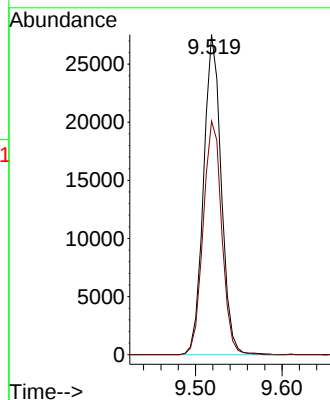
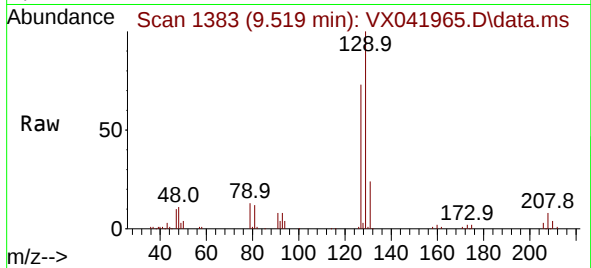
#53
Dibromochloromethane
Concen: 17.612 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX041965.D
Acq: 20 Jun 2024 16:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:129 Resp: 39020
Ion Ratio Lower Upper
129 100
127 76.4 38.8 116.4

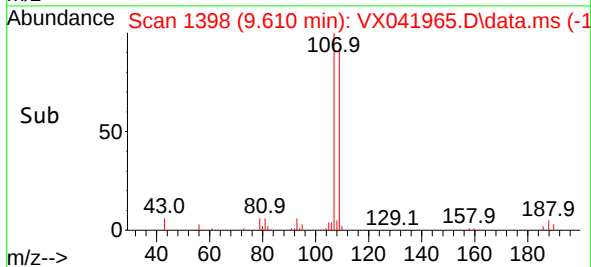
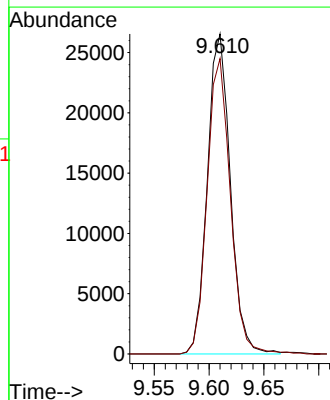
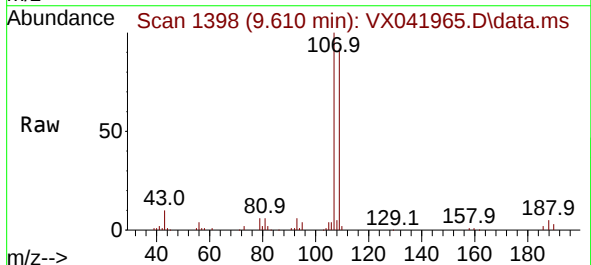
Manual Integrations
APPROVED

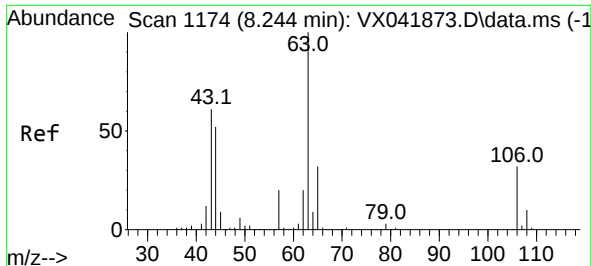
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#54
1,2-Dibromoethane
Concen: 18.145 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX041965.D
Acq: 20 Jun 2024 16:31

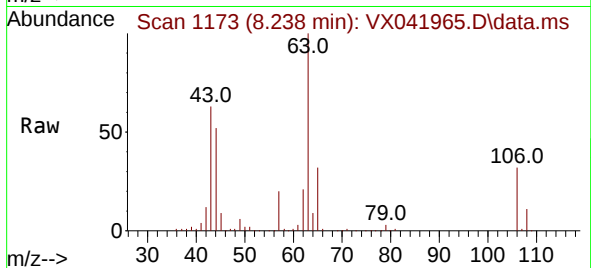
Tgt Ion:107 Resp: 38744
Ion Ratio Lower Upper
107 100
109 93.4 75.7 113.5





#55
2-Chloroethyl vinyl ether
Concen: 104.336 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX041965.D
Acq: 20 Jun 2024 16:31

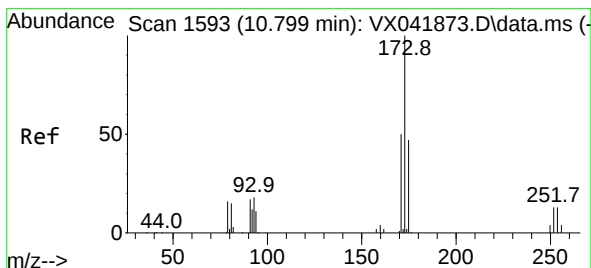
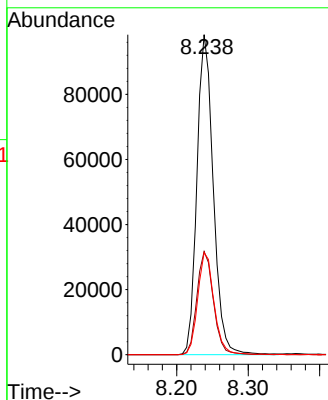
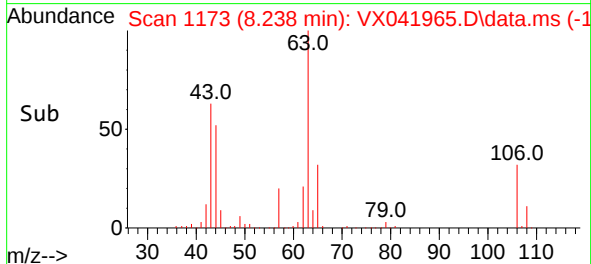
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 63 Resp: 15621
Ion Ratio Lower Upper
63 100
65 32.3 25.7 38.5
106 31.7 25.3 37.9

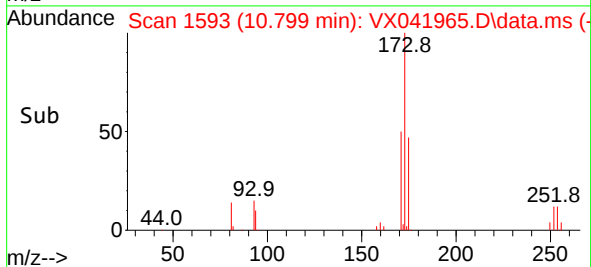
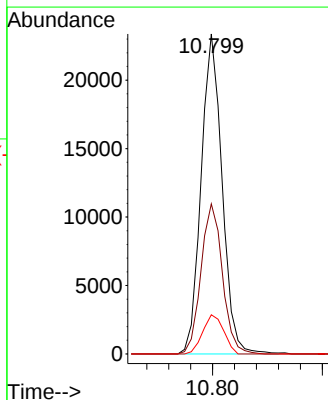
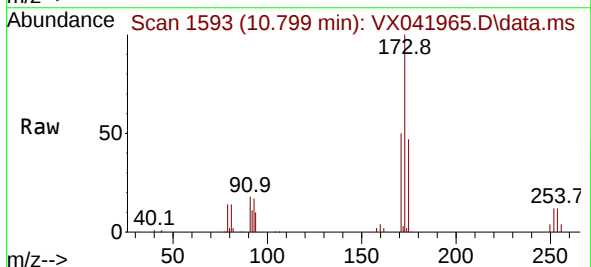
Manual Integrations
APPROVED

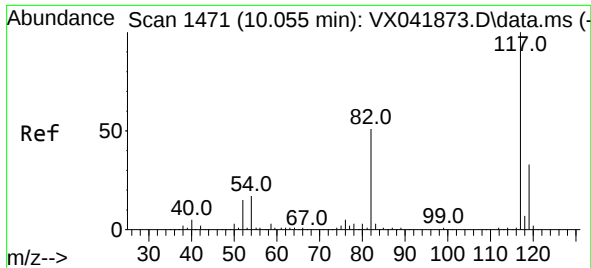
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#56
Bromoform
Concen: 17.162 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX041965.D
Acq: 20 Jun 2024 16:31

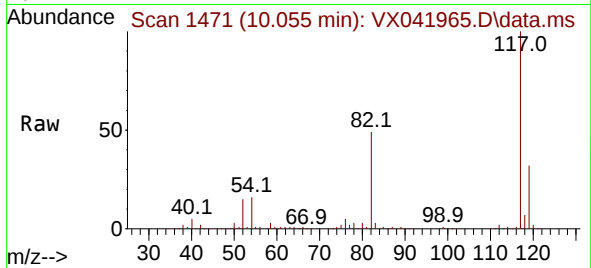
Tgt Ion:173 Resp: 31009
Ion Ratio Lower Upper
173 100
175 48.0 39.3 58.9
254 12.3 9.6 14.4





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041965.D
Acq: 20 Jun 2024 16:31

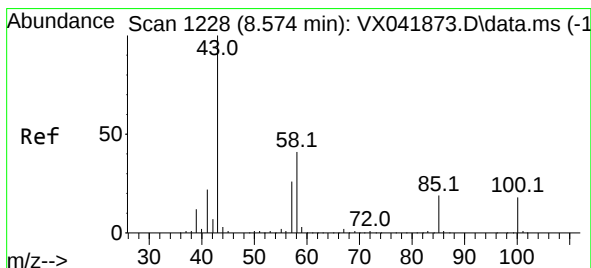
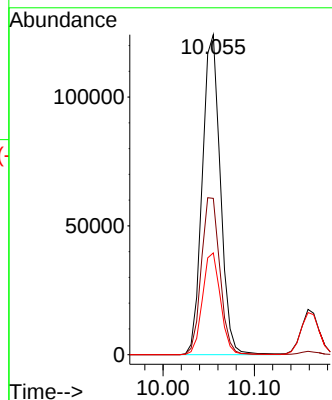
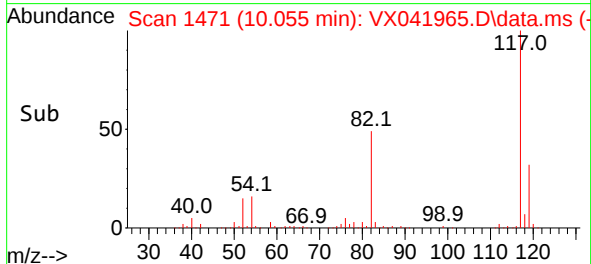
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 117 Resp: 170639
Ion Ratio Lower Upper
117 100
82 50.6 41.1 61.7
119 31.7 26.1 39.1

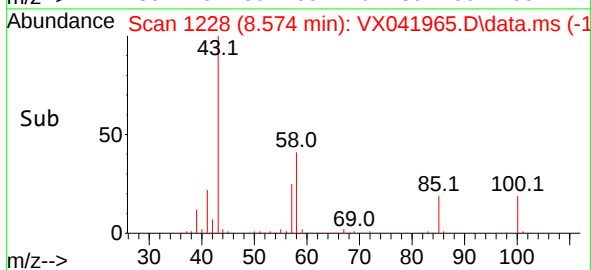
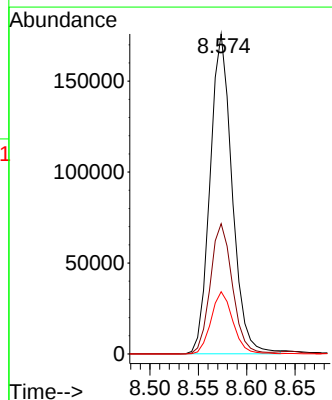
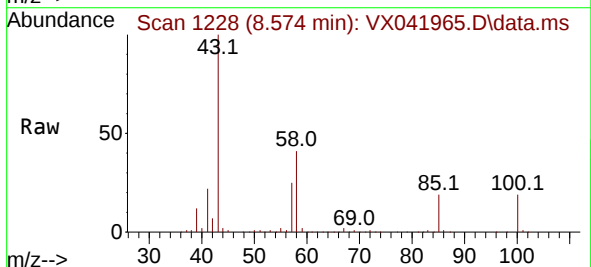
Manual Integrations
APPROVED

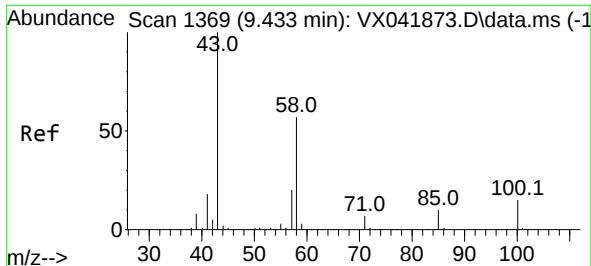
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#58
4-Methyl-2-Pentanone
Concen: 91.372 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX041965.D
Acq: 20 Jun 2024 16:31

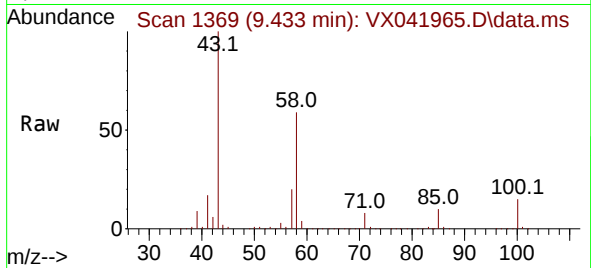
Tgt Ion: 43 Resp: 279381
Ion Ratio Lower Upper
43 100
58 40.8 33.2 49.8
85 19.3 15.5 23.3





#59
2-Hexanone
Concen: 91.645 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX041965.D
Acq: 20 Jun 2024 16:31

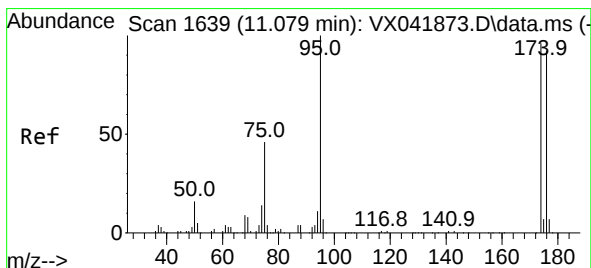
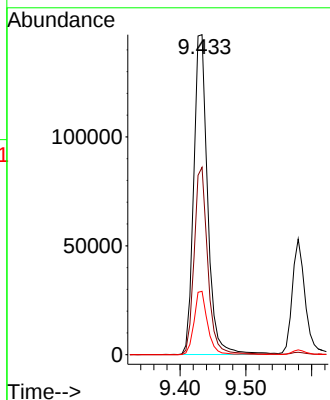
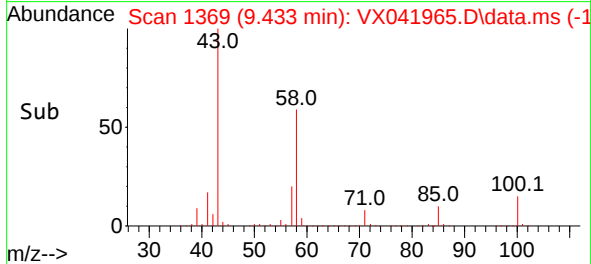
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 21628
Ion Ratio Lower Upper
43 100
58 57.1 46.0 69.0
57 19.2 15.8 23.6

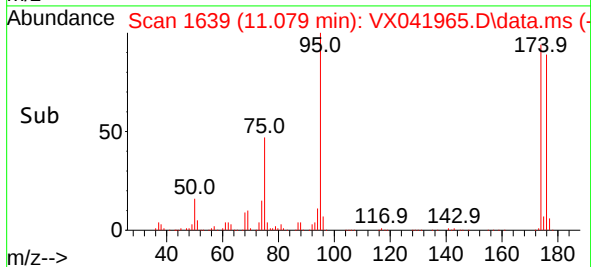
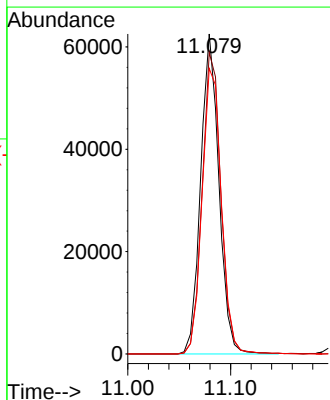
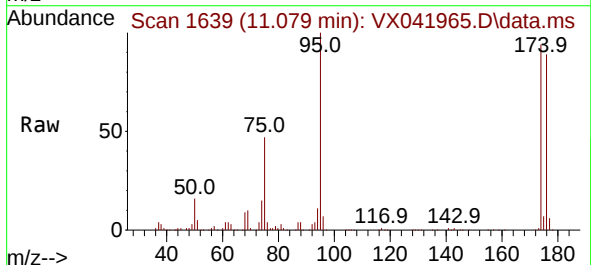
Manual Integrations
APPROVED

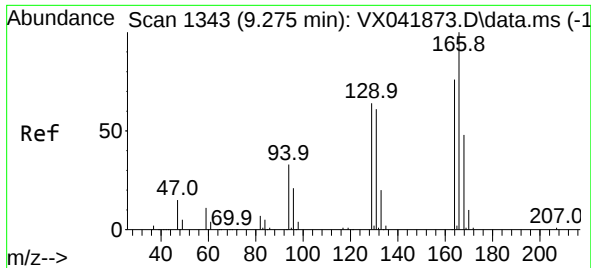
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#60
4-Bromofluorobenzene
Concen: 29.257 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041965.D
Acq: 20 Jun 2024 16:31

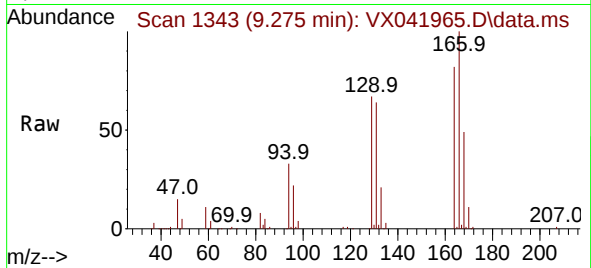
Tgt Ion: 95 Resp: 77276
Ion Ratio Lower Upper
95 100
174 97.0 78.9 118.3
176 94.6 77.1 115.7





#61
Tetrachloroethene
Concen: 18.949 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX041965.D
Acq: 20 Jun 2024 16:31

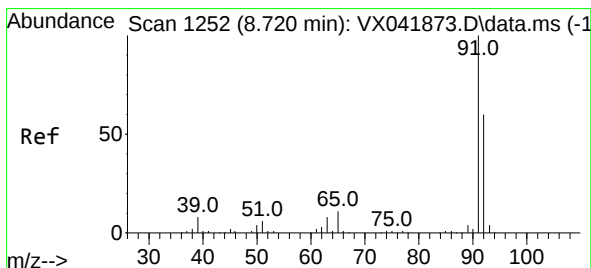
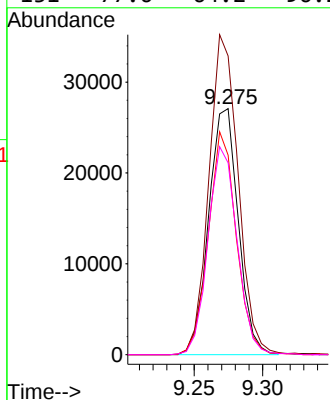
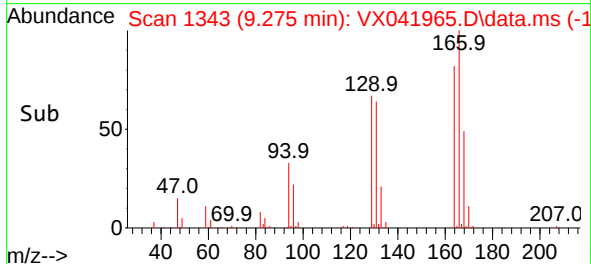
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:164 Resp: 4068
Ion Ratio Lower Upper
164 100
166 121.1 105.0 157.6
129 80.9 67.1 100.7
131 77.6 64.2 96.2

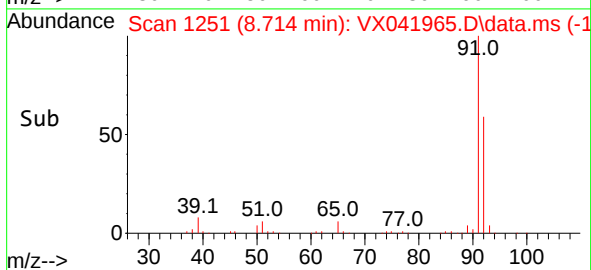
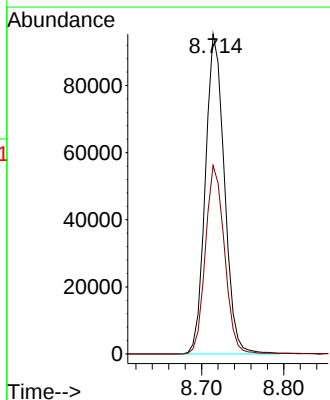
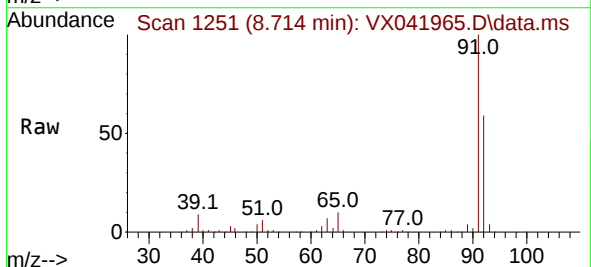
Manual Integrations
APPROVED

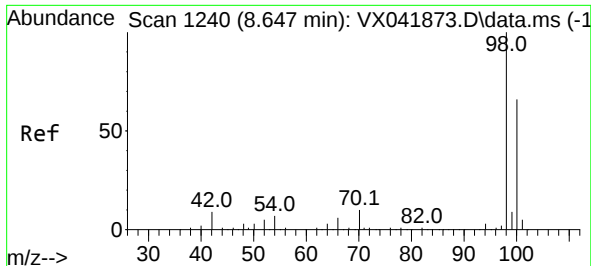
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#62
Toluene
Concen: 17.742 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX041965.D
Acq: 20 Jun 2024 16:31

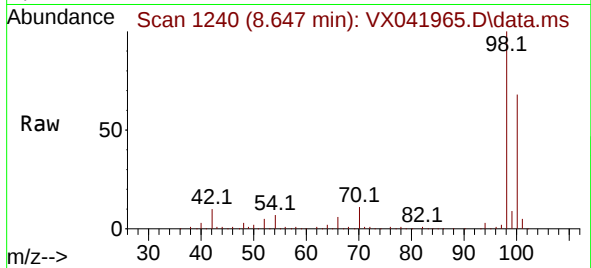
Tgt Ion: 91 Resp: 153196
Ion Ratio Lower Upper
91 100
92 59.0 47.4 71.2





#63
Toluene-d8
Concen: 29.992 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX041965.D
Acq: 20 Jun 2024 16:31

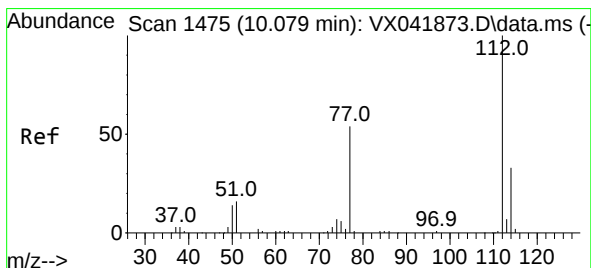
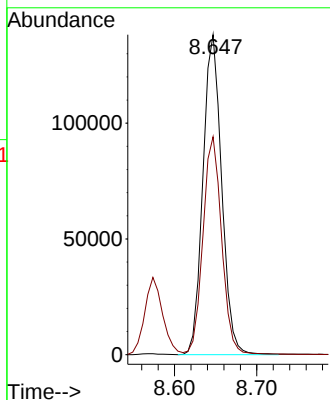
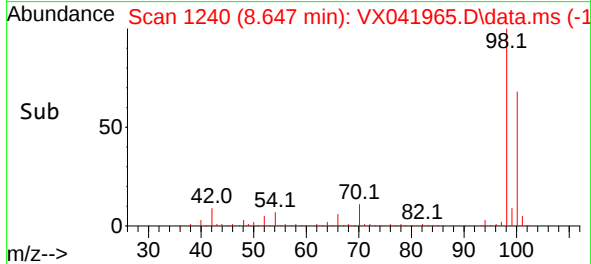
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



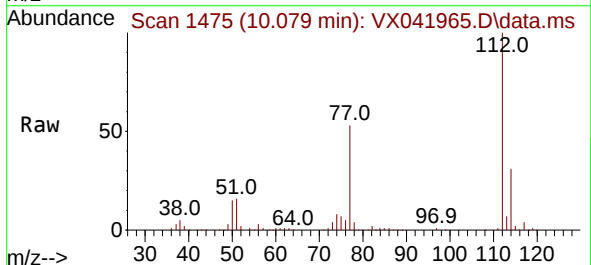
Tgt Ion: 98 Resp: 218954
Ion Ratio Lower Upper
98 100
100 67.4 52.7 79.1

Manual Integrations
APPROVED

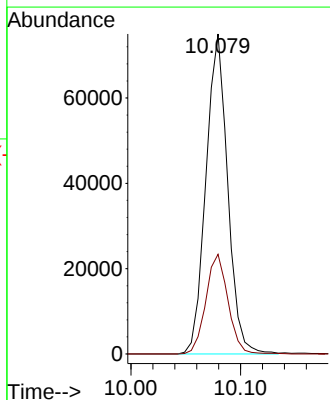
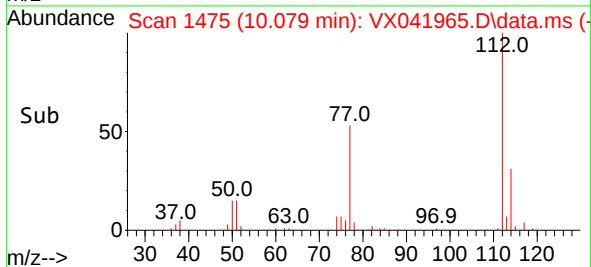
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024

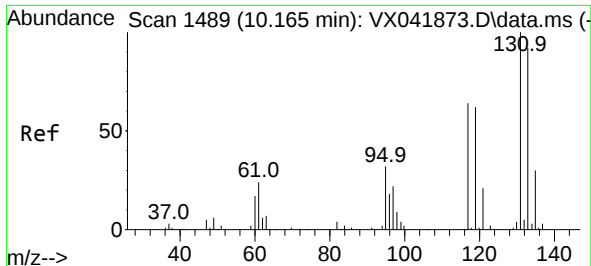


#64
Chlorobenzene
Concen: 17.570 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX041965.D
Acq: 20 Jun 2024 16:31



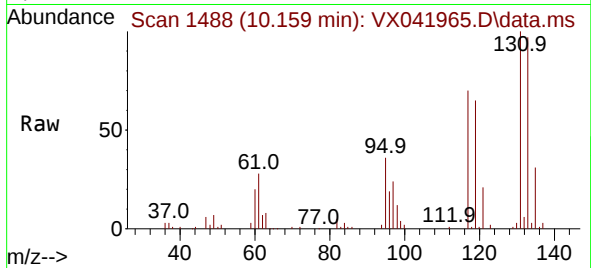
Tgt Ion:112 Resp: 103310
Ion Ratio Lower Upper
112 100
114 31.2 26.2 39.4





#65
1,1,1,2-Tetrachloroethane
Concen: 17.723 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX041965.D
Acq: 20 Jun 2024 16:31

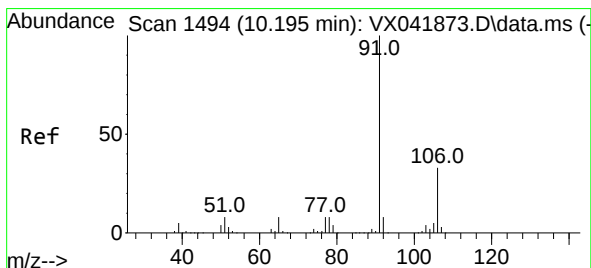
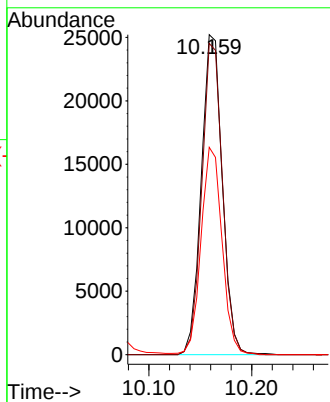
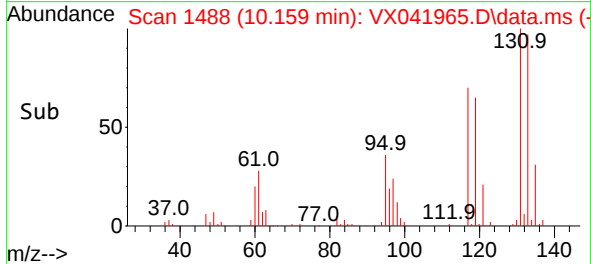
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:131 Resp: 35990
Ion Ratio Lower Upper
131 100
133 95.4 0.0 194.8
119 64.8 0.0 127.6

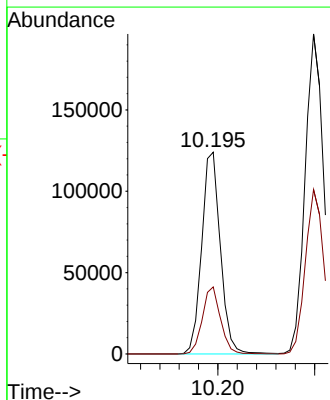
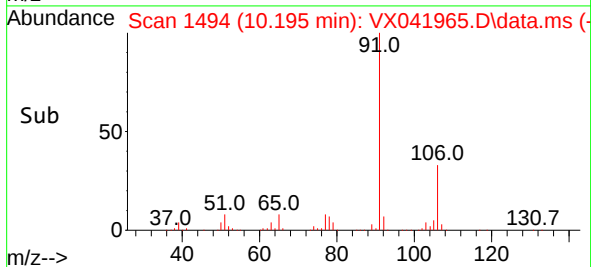
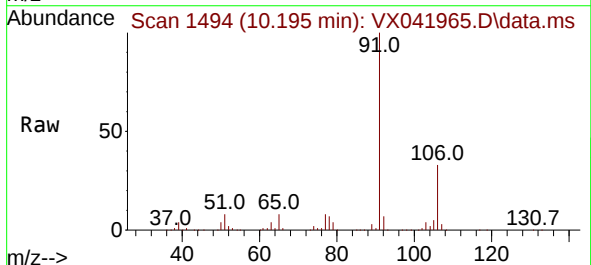
Manual Integrations
APPROVED

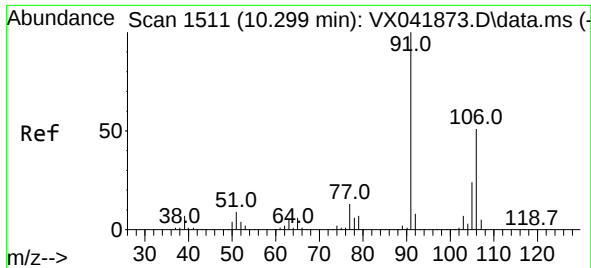
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#66
Ethyl Benzene
Concen: 17.710 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX041965.D
Acq: 20 Jun 2024 16:31

Tgt Ion: 91 Resp: 167184
Ion Ratio Lower Upper
91 100
106 33.2 26.4 39.6





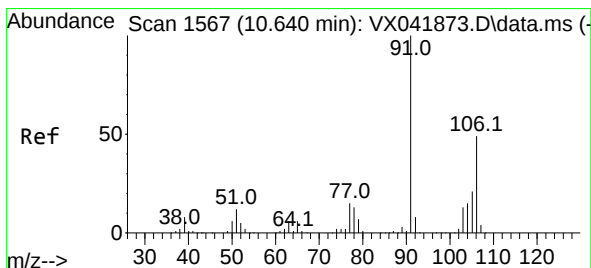
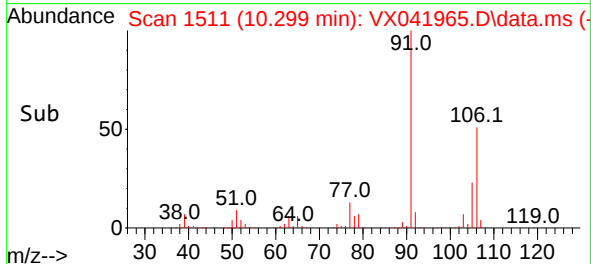
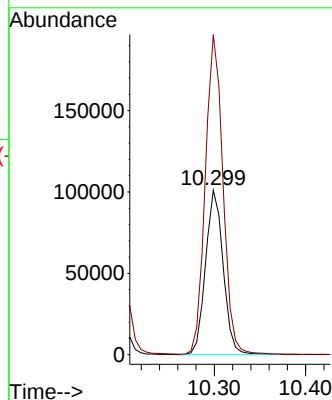
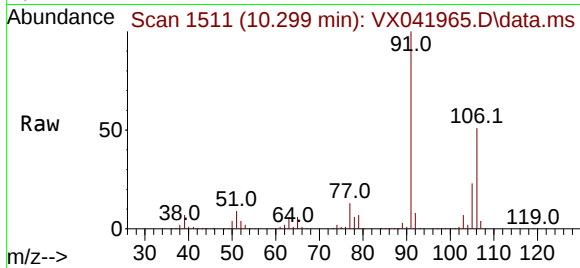
#67
m/p-Xylenes
Concen: 35.554 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX041965.D
Acq: 20 Jun 2024 16:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 135000
Ion Ratio Lower Upper
106 100
91 195.2 157.0 235.6

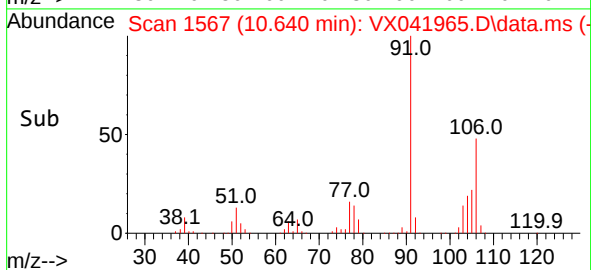
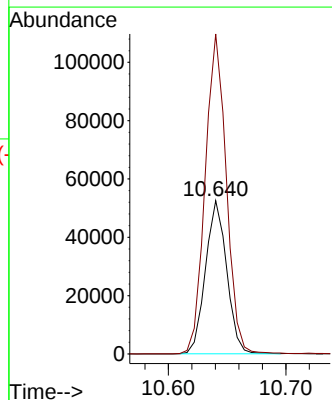
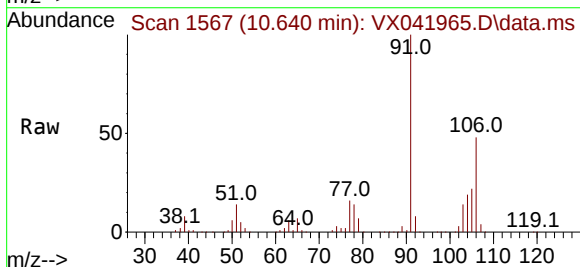
Manual Integrations
APPROVED

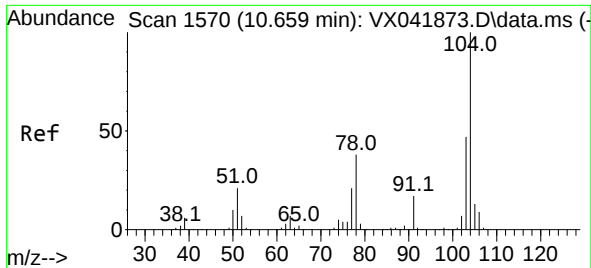
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#68
o-Xylene
Concen: 17.401 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX041965.D
Acq: 20 Jun 2024 16:31

Tgt Ion:106 Resp: 65875
Ion Ratio Lower Upper
106 100
91 208.1 103.2 309.6





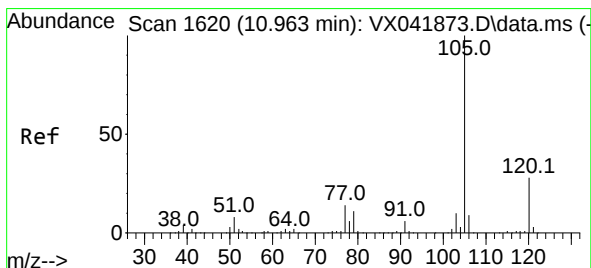
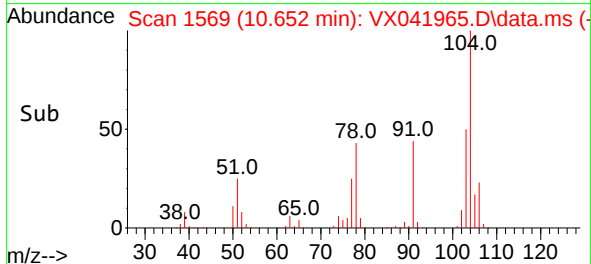
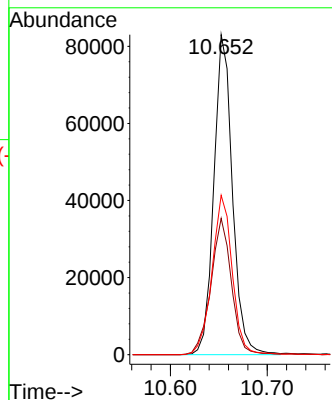
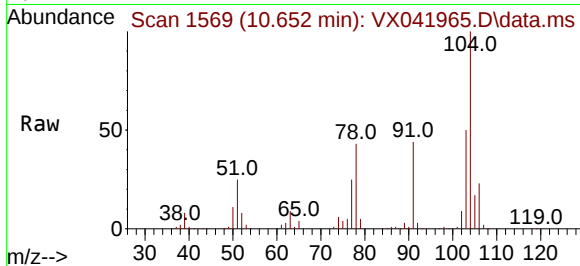
#69
Styrene
Concen: 17.524 ug/l
RT: 10.652 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX041965.D
Acq: 20 Jun 2024 16:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:104 Resp: 110864
Ion Ratio Lower Upper
104 100
78 47.0 36.5 54.7
103 54.3 43.4 65.2

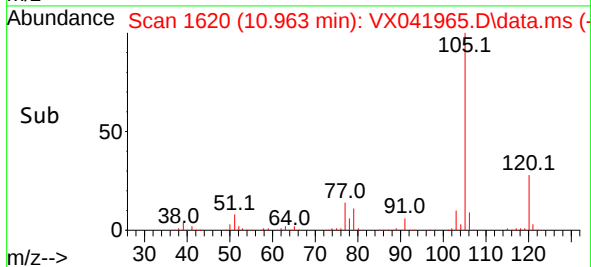
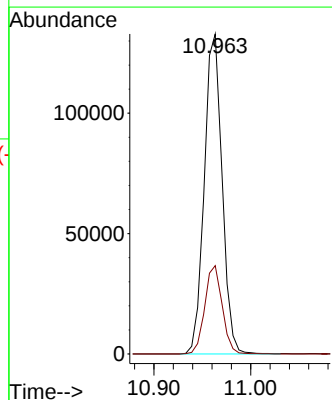
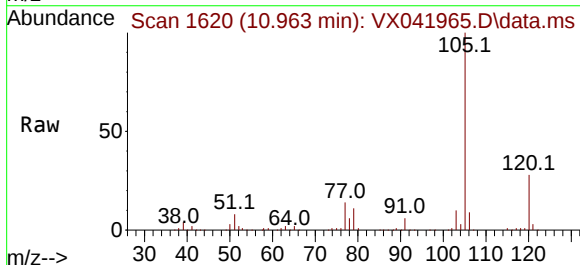
Manual Integrations
APPROVED

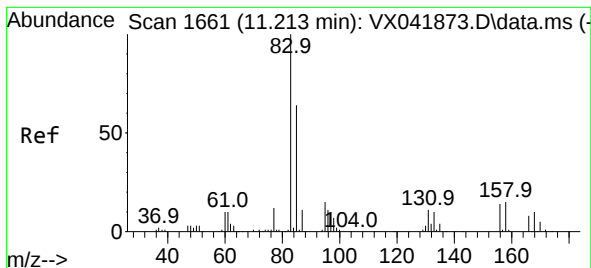
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#70
Isopropylbenzene
Concen: 17.941 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX041965.D
Acq: 20 Jun 2024 16:31

Tgt Ion:105 Resp: 170781
Ion Ratio Lower Upper
105 100
120 27.0 19.2 35.6





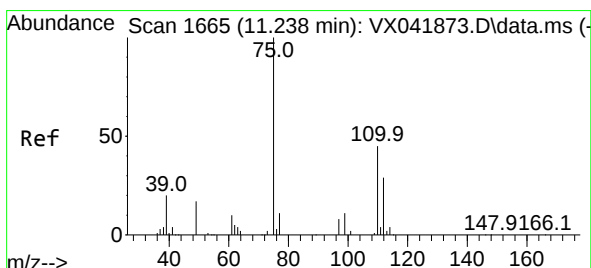
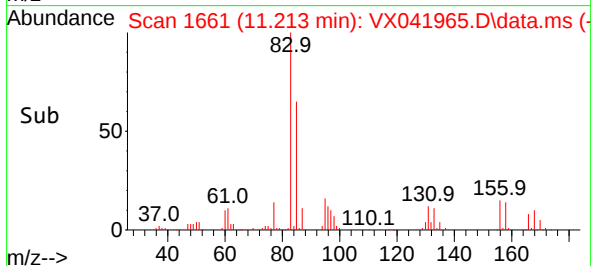
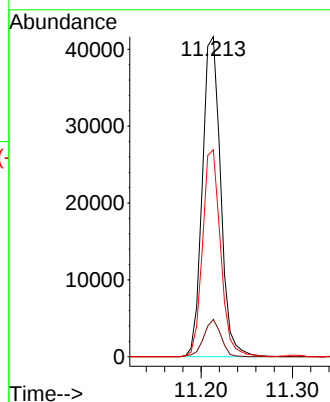
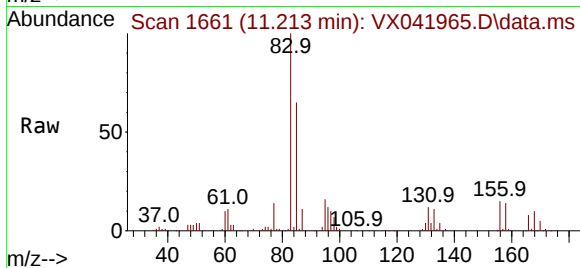
#71
1,1,2,2-Tetrachloroethane
Concen: 17.523 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX041965.D
Acq: 20 Jun 2024 16:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 5772
Ion Ratio Lower Upper
83 100
131 10.9 5.5 16.7
85 63.9 32.6 97.7

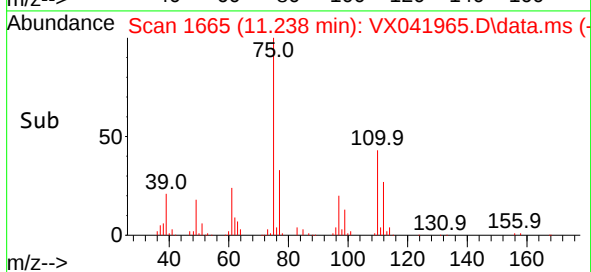
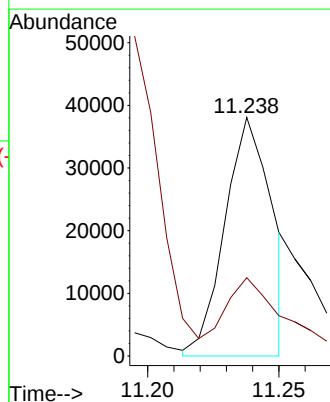
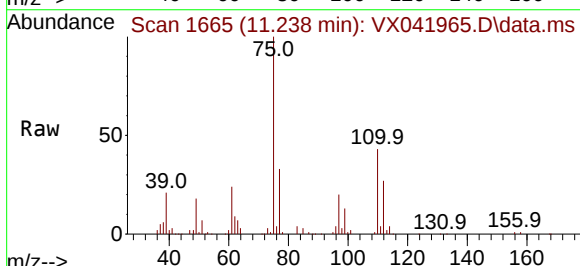
Manual Integrations
APPROVED

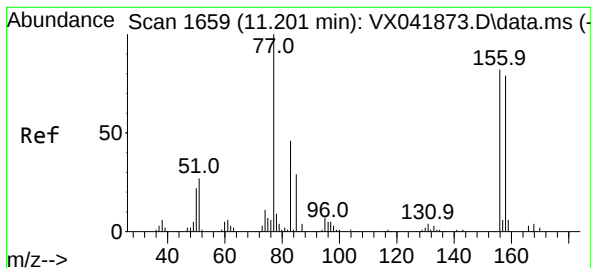
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#72
1,2,3-Trichloropropane
Concen: 17.756 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX041965.D
Acq: 20 Jun 2024 16:31

Tgt Ion: 75 Resp: 47377
Ion Ratio Lower Upper
75 100
77 42.9 0.0 79.6





#73

Bromobenzene

Concen: 17.314 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.006 min

Lab File: VX041965.D

Acq: 20 Jun 2024 16:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

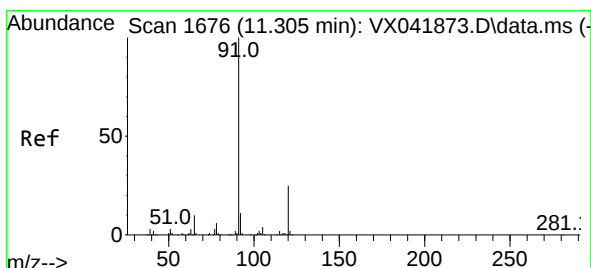
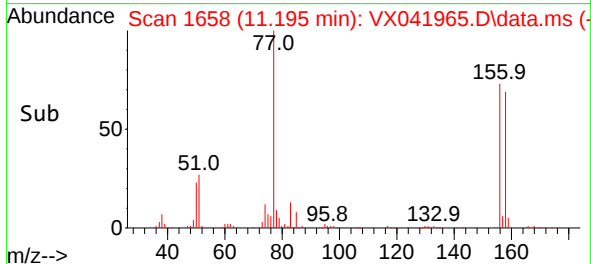
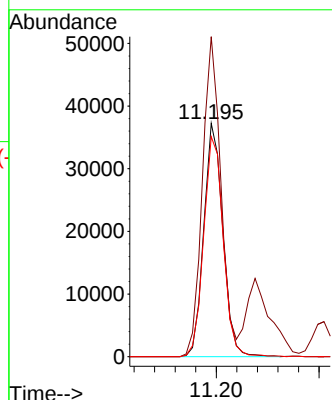
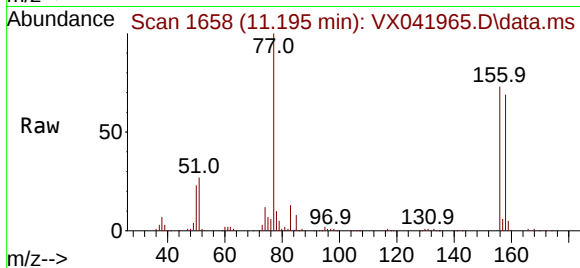
Tgt Ion:	156	Resp:	48072
Ion Ratio	Lower	Upper	
156	100		
77	132.9	0.0	266.2
158	96.4	0.0	195.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/21/2024

Supervised By :Mahesh Dadoda 06/21/2024



#74

n-propylbenzene

Concen: 17.984 ug/l

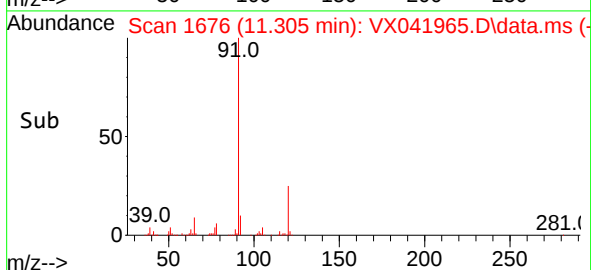
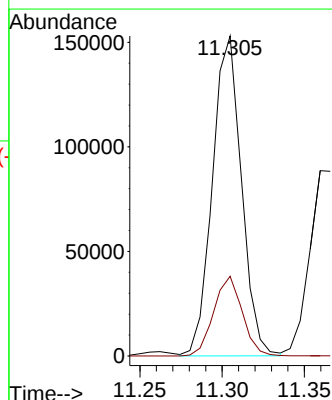
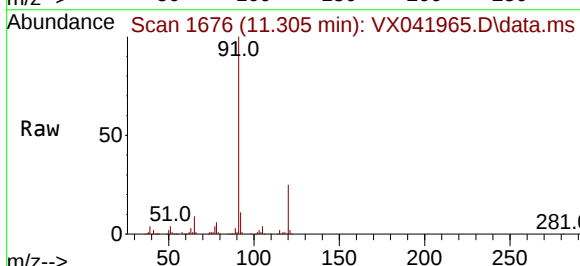
RT: 11.305 min Scan# 1676

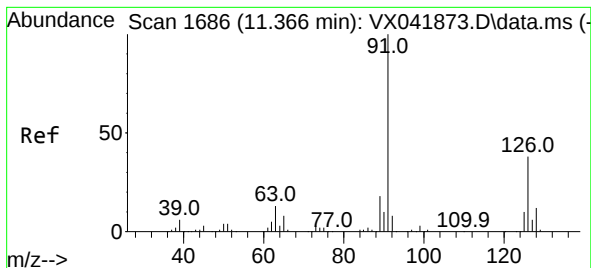
Delta R.T. -0.000 min

Lab File: VX041965.D

Acq: 20 Jun 2024 16:31

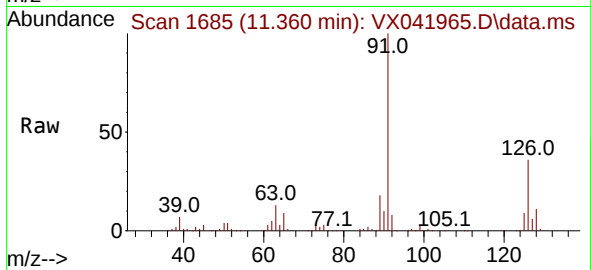
Tgt Ion:	91	Resp:	188047
Ion Ratio	Lower	Upper	
91	100		
120	24.5	0.0	49.6





#75
2-Chlorotoluene
Concen: 17.684 ug/l
RT: 11.360 min Scan# 1686
Delta R.T. -0.006 min
Lab File: VX041965.D
Acq: 20 Jun 2024 16:31

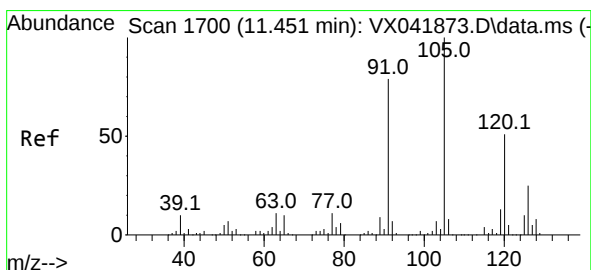
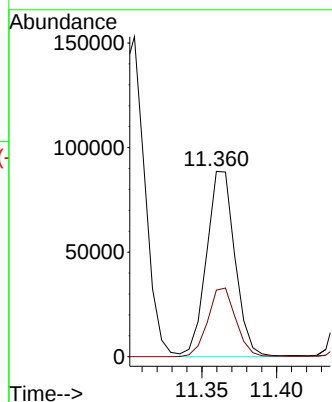
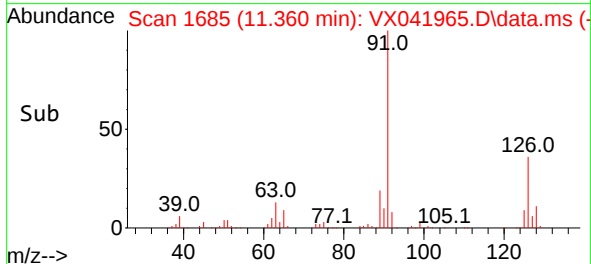
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 91 Resp: 117419
Ion Ratio Lower Upper
91 100
126 36.6 0.0 72.6

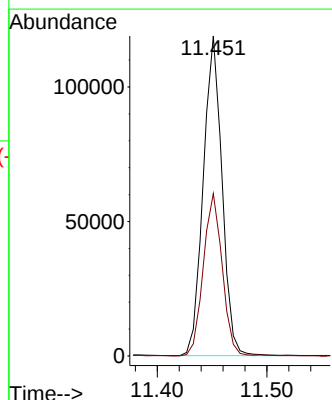
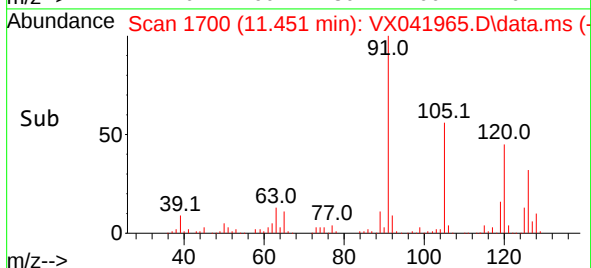
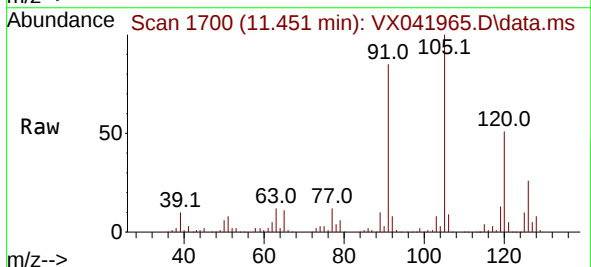
Manual Integrations
APPROVED

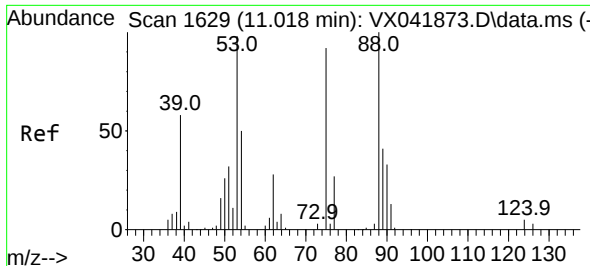
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#76
1,3,5-Trimethylbenzene
Concen: 17.715 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX041965.D
Acq: 20 Jun 2024 16:31

Tgt Ion:105 Resp: 141269
Ion Ratio Lower Upper
105 100
120 50.9 0.0 103.0





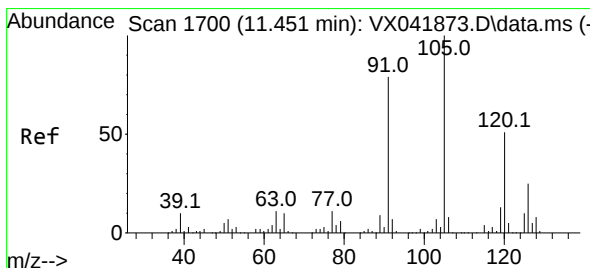
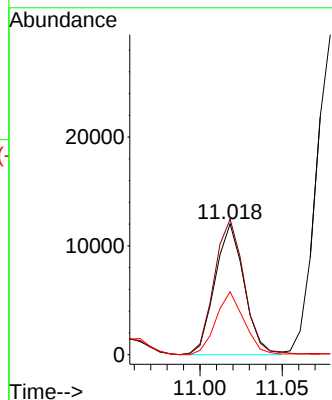
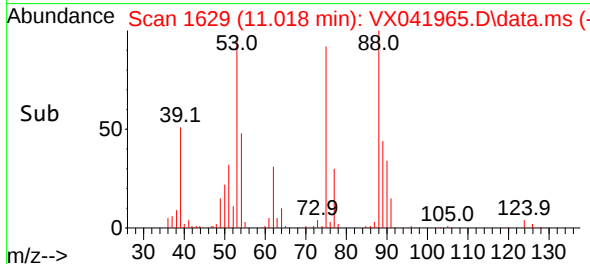
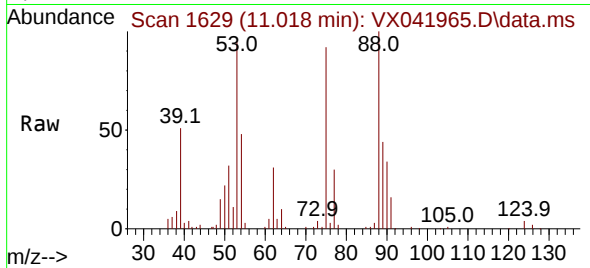
#77
t-1,4-Dichloro-2-butene
Concen: 15.098 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX041965.D
Acq: 20 Jun 2024 16:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 75 Resp: 1490
Ion Ratio Lower Upper
75 100
53 103.6 53.4 160.2
89 48.0 22.5 67.5

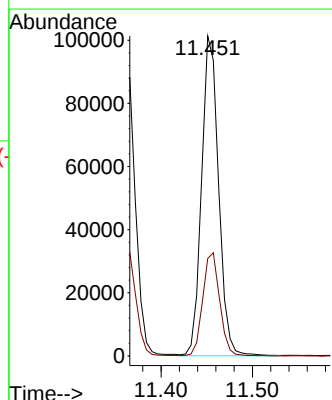
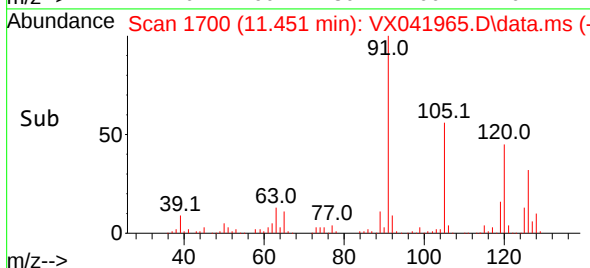
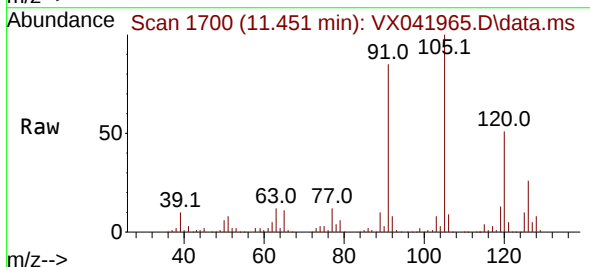
Manual Integrations
APPROVED

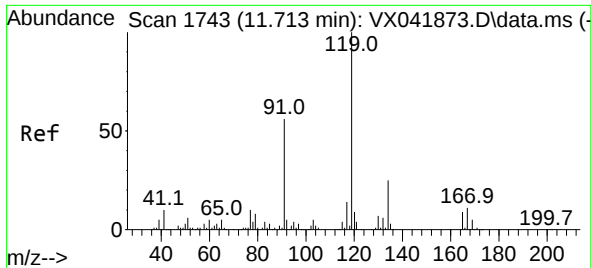
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#78
4-Chlorotoluene
Concen: 17.737 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX041965.D
Acq: 20 Jun 2024 16:31

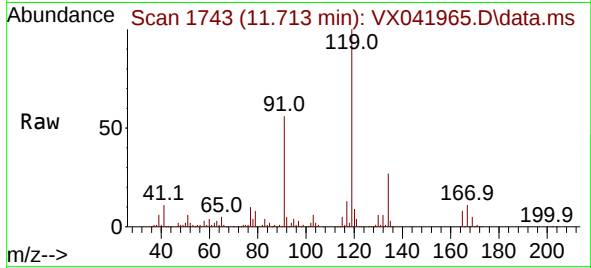
Tgt Ion: 91 Resp: 130828
Ion Ratio Lower Upper
91 100
126 32.2 0.0 64.8





#79
tert-butylbenzene
Concen: 17.427 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX041965.D
Acq: 20 Jun 2024 16:31

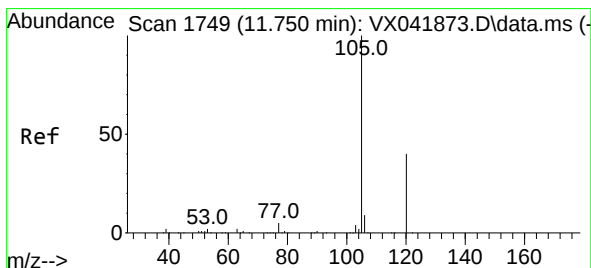
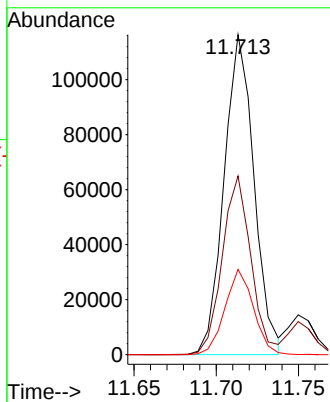
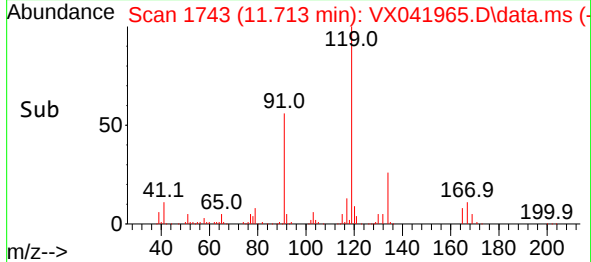
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:119 Resp: 147519
Ion Ratio Lower Upper
119 100
91 53.5 0.0 106.0
134 25.4 0.0 49.4

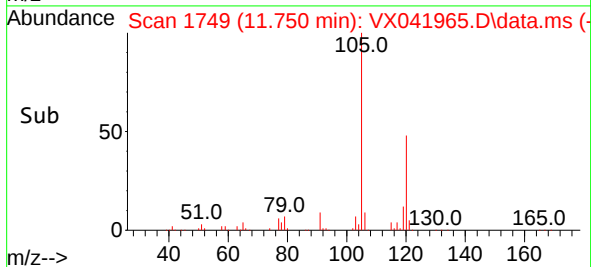
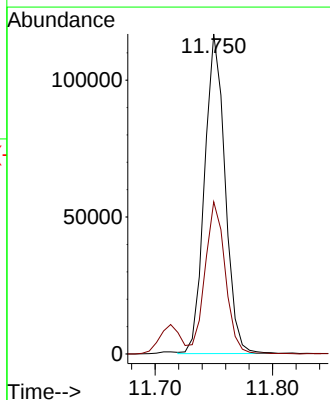
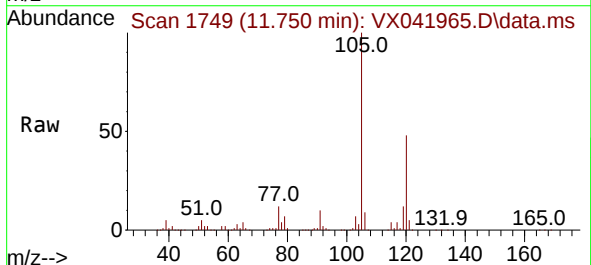
Manual Integrations
APPROVED

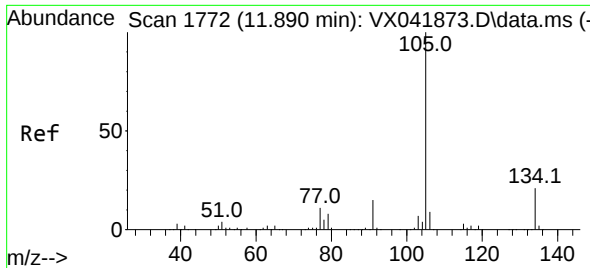
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#80
1,2,4-Trimethylbenzene
Concen: 17.724 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX041965.D
Acq: 20 Jun 2024 16:31

Tgt Ion:105 Resp: 141203
Ion Ratio Lower Upper
105 100
120 47.4 0.0 96.2





#81
 sec-Butylbenzene
 Concen: 17.799 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX041965.D
 Acq: 20 Jun 2024 16:31

Instrument :

MSVOA_X

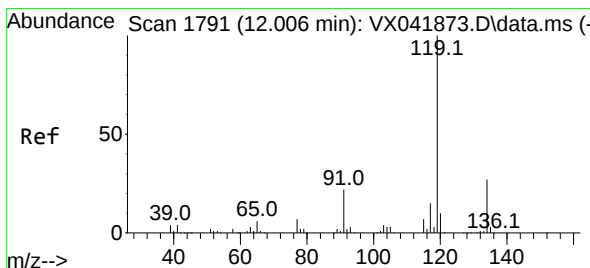
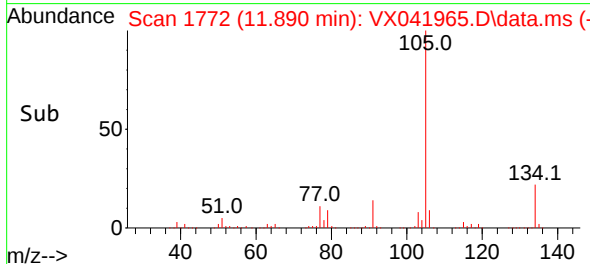
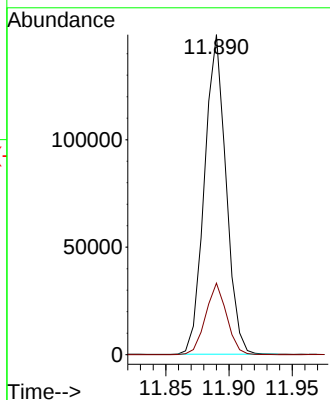
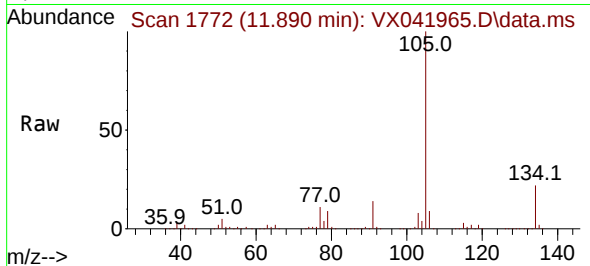
ClientSampleId :

VSTDCCC020EC

Tgt Ion:105 Resp: 175720
 Ion Ratio Lower Upper
 105 100
 134 22.0 0.0 43.2

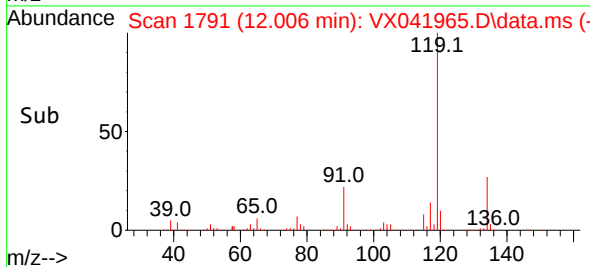
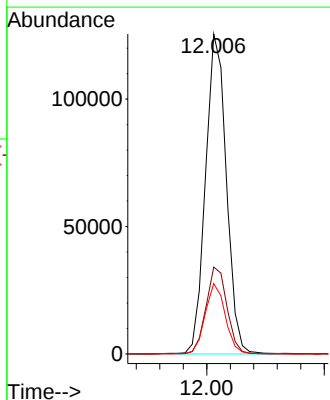
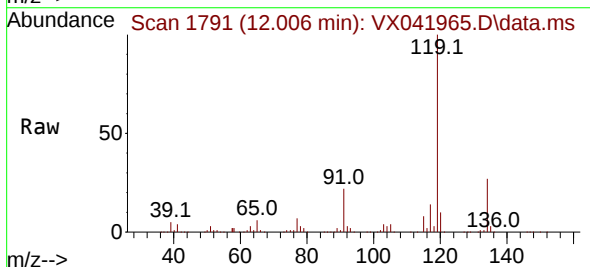
Manual Integrations
 APPROVED

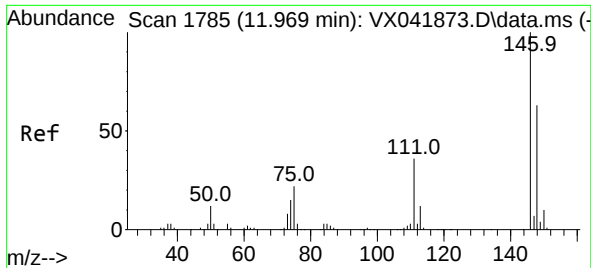
Reviewed By :John Carlone 06/21/2024
 Supervised By :Mahesh Dadoda 06/21/2024



#82
 p-Isopropyltoluene
 Concen: 17.877 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX041965.D
 Acq: 20 Jun 2024 16:31

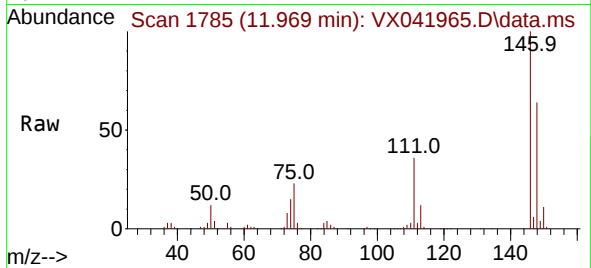
Tgt Ion:119 Resp: 154671
 Ion Ratio Lower Upper
 119 100
 134 27.3 0.0 54.0
 91 21.0 0.0 42.2





#83
1,3-Dichlorobenzene
Concen: 17.351 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX041965.D
Acq: 20 Jun 2024 16:31

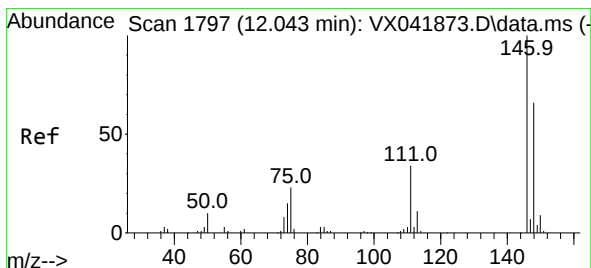
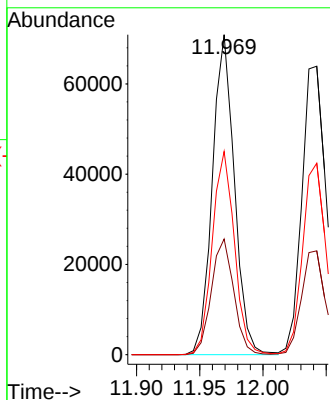
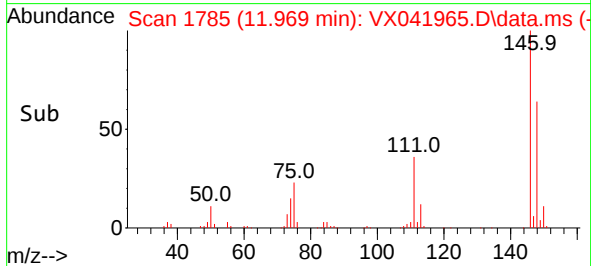
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



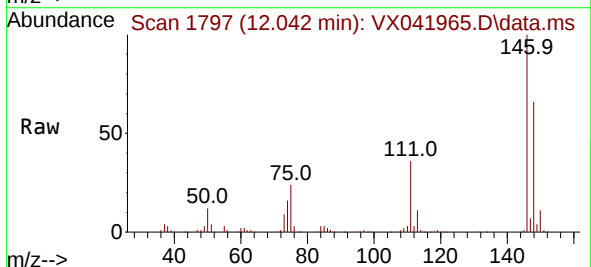
Tgt Ion:146 Resp: 85890
Ion Ratio Lower Upper
146 100
111 36.8 18.0 54.0
148 63.9 31.9 95.7

Manual Integrations
APPROVED

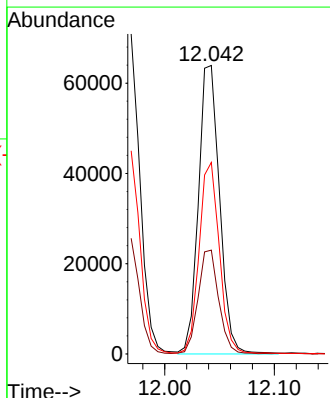
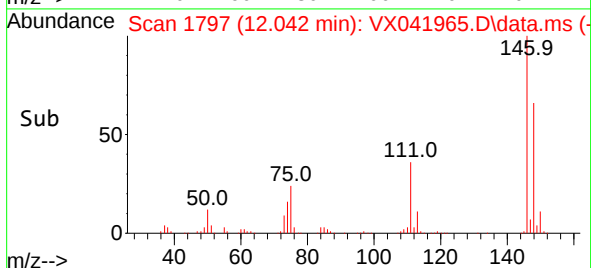
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024

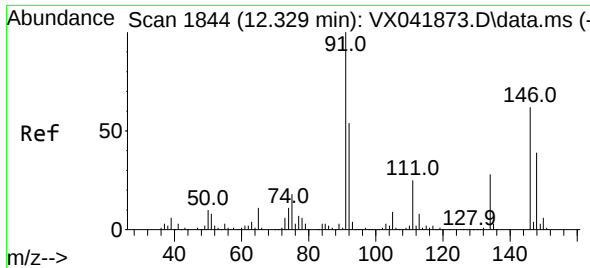


#84
1,4-Dichlorobenzene
Concen: 17.423 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX041965.D
Acq: 20 Jun 2024 16:31



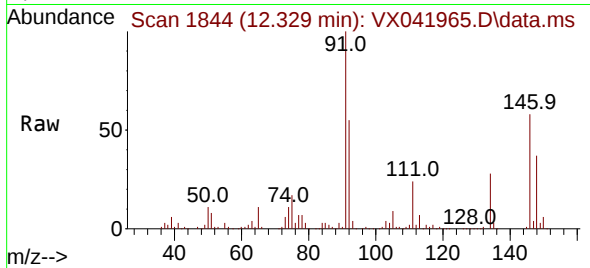
Tgt Ion:146 Resp: 85854
Ion Ratio Lower Upper
146 100
111 35.1 17.4 52.3
148 64.0 32.3 96.9





#85
n-Butylbenzene
Concen: 17.556 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX041965.D
Acq: 20 Jun 2024 16:31

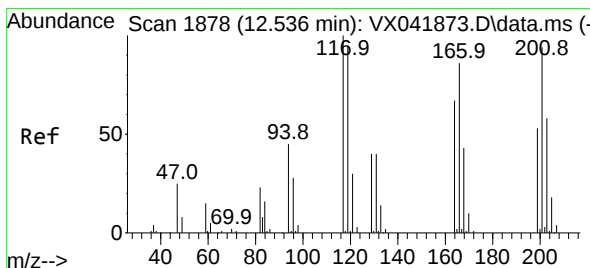
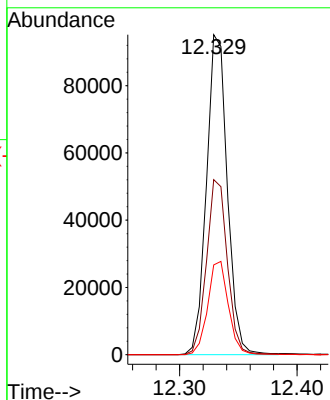
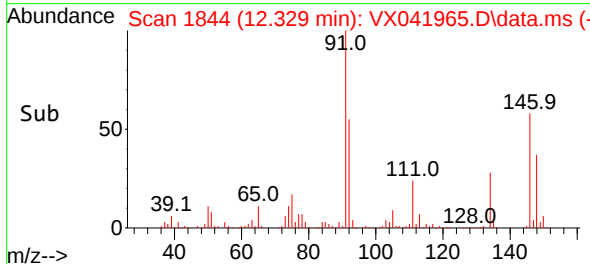
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 91 Resp: 11745
Ion Ratio Lower Upper
91 100
92 54.7 0.0 109.8
134 28.9 0.0 58.4

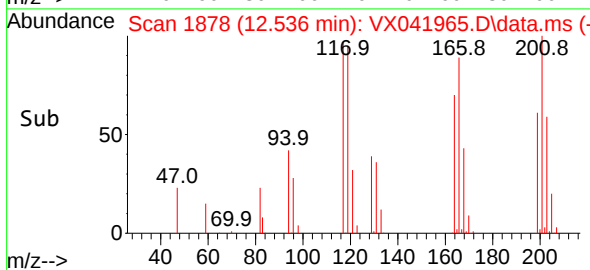
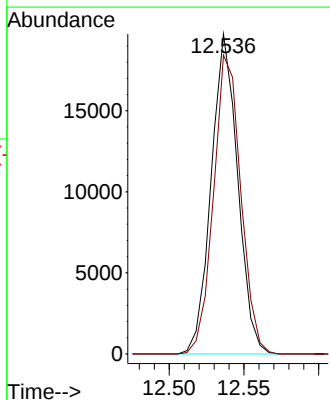
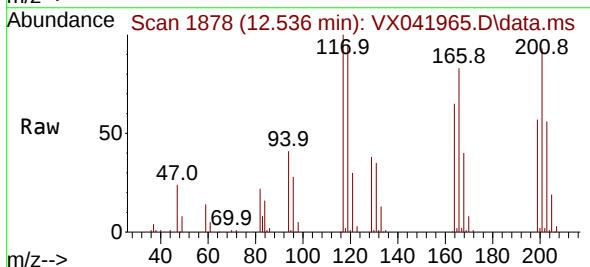
Manual Integrations
APPROVED

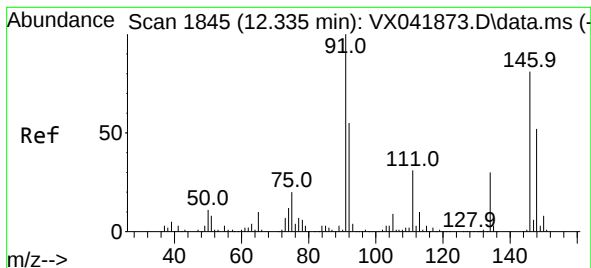
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#86
Hexachloroethane
Concen: 17.202 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX041965.D
Acq: 20 Jun 2024 16:31

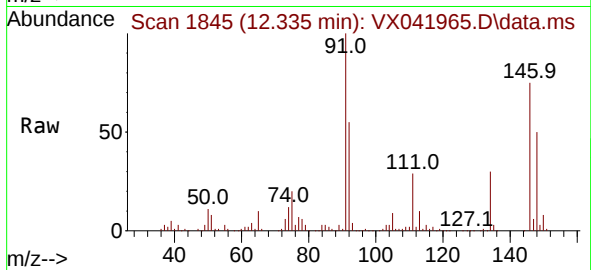
Tgt Ion:117 Resp: 24305
Ion Ratio Lower Upper
117 100
201 96.2 48.9 146.8





#87
1,2-Dichlorobenzene
Concen: 17.100 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX041965.D
Acq: 20 Jun 2024 16:31

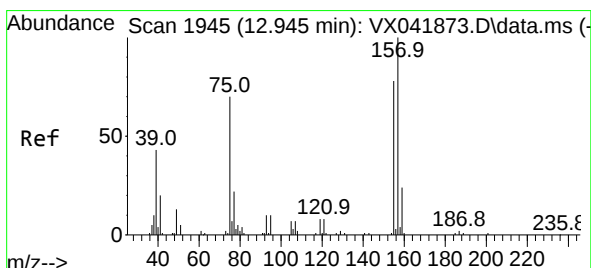
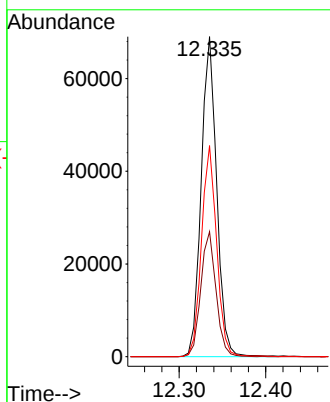
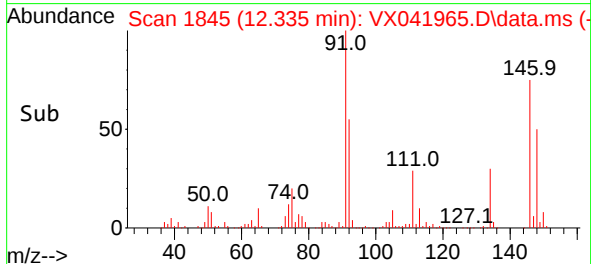
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



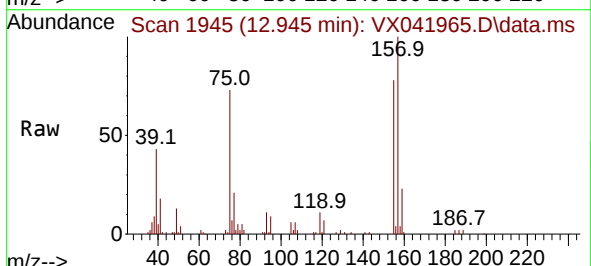
Tgt Ion:146 Resp: 85610
Ion Ratio Lower Upper
146 100
111 38.5 19.1 57.3
148 64.8 32.4 97.0

Manual Integrations
APPROVED

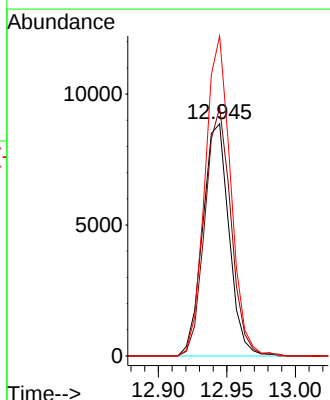
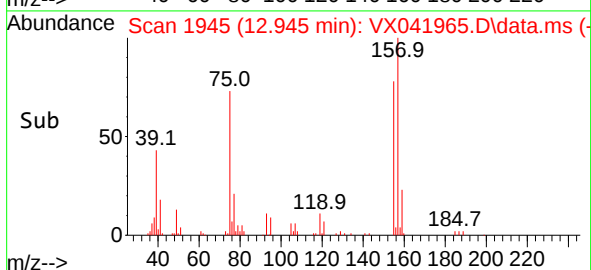
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024

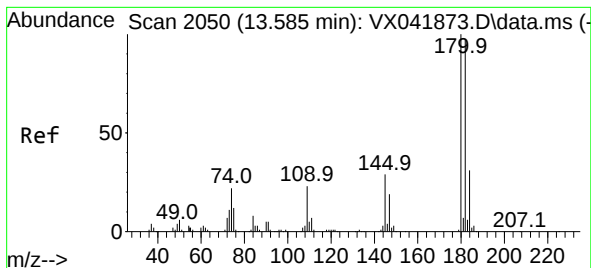


#88
1,2-Dibromo-3-Chloropropane
Concen: 17.379 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX041965.D
Acq: 20 Jun 2024 16:31



Tgt Ion: 75 Resp: 11842
Ion Ratio Lower Upper
75 100
155 105.0 88.6 133.0
157 133.9 112.8 169.2





#89

1,2,4-Trichlorobenzene

Concen: 16.696 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX041965.D

Acq: 20 Jun 2024 16:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion:180 Resp: 5658

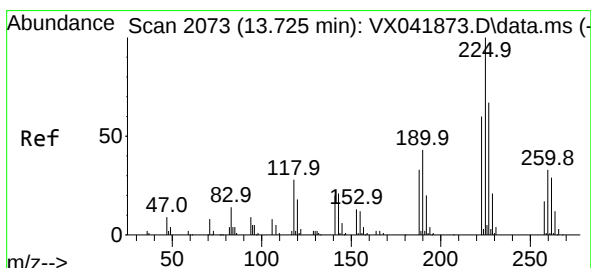
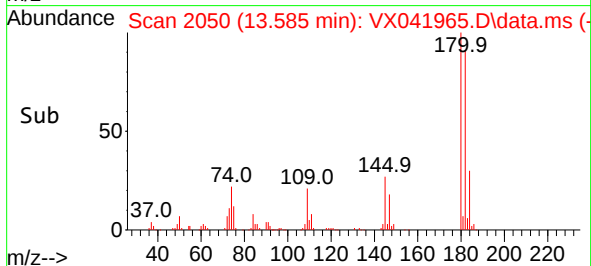
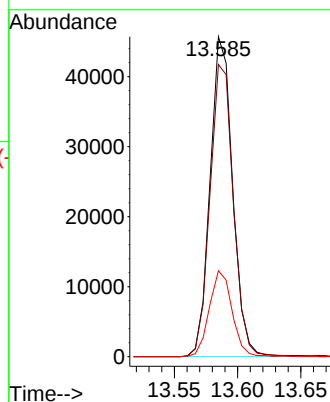
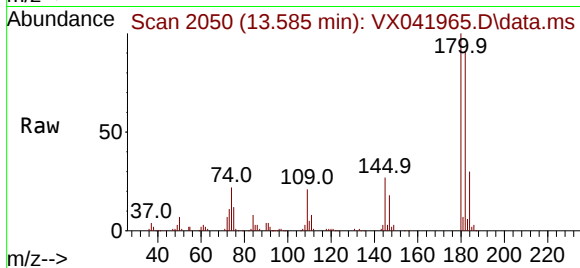
Ion	Ratio	Lower	Upper
180	100		
182	94.8	76.9	115.3
145	27.1	22.8	34.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/21/2024

Supervised By :Mahesh Dadoda 06/21/2024



#90

Hexachlorobutadiene

Concen: 17.434 ug/l

RT: 13.725 min Scan# 2073

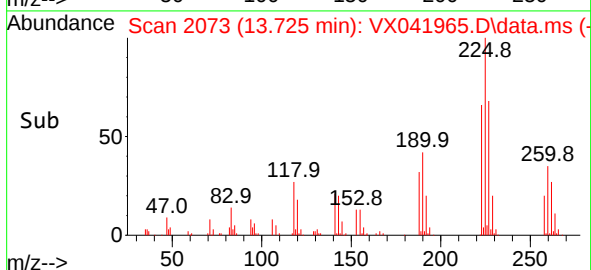
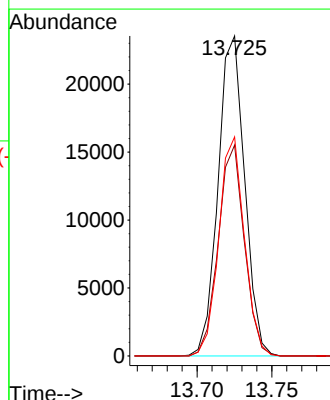
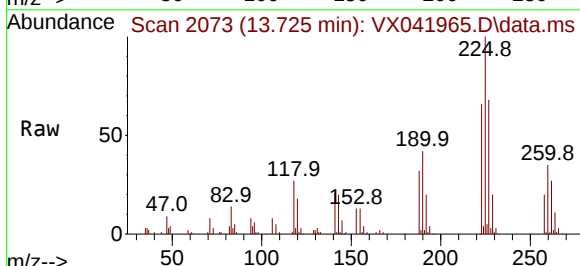
Delta R.T. -0.000 min

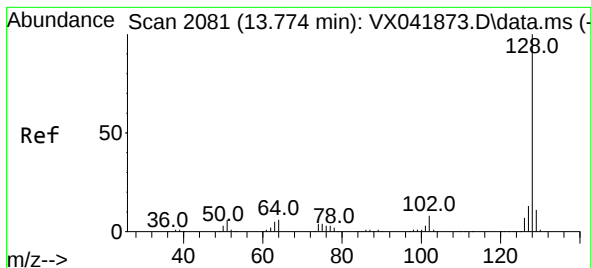
Lab File: VX041965.D

Acq: 20 Jun 2024 16:31

Tgt Ion:225 Resp: 29116

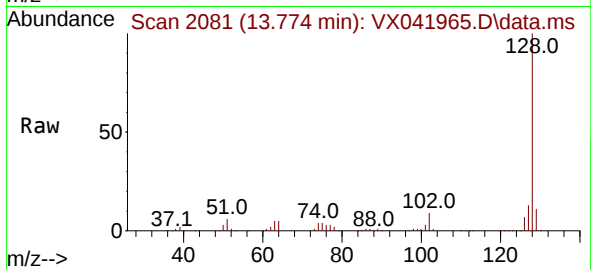
Ion	Ratio	Lower	Upper
225	100		
223	64.6	0.0	120.8
227	65.8	0.0	126.6





#91
Naphthalene
Concen: 16.945 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX041965.D
Acq: 20 Jun 2024 16:31

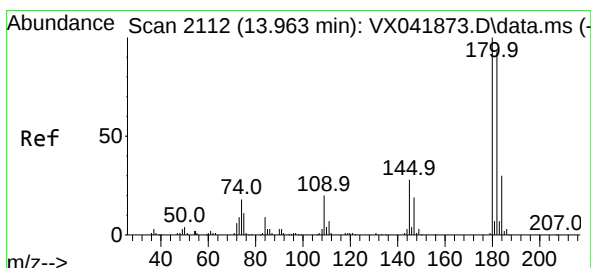
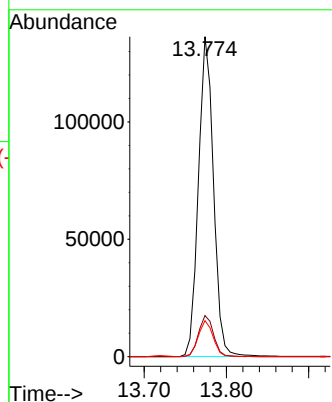
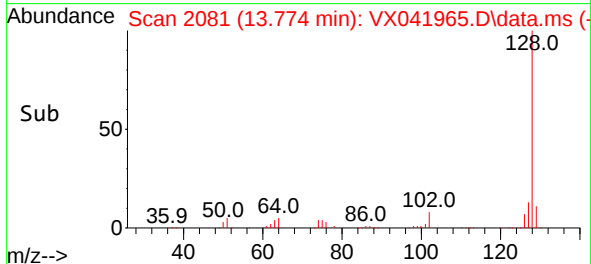
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



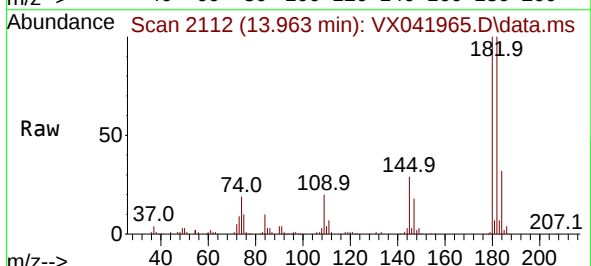
Tgt Ion:128 Resp: 173518
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 11.2 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#92
1,2,3-Trichlorobenzene
Concen: 16.948 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX041965.D
Acq: 20 Jun 2024 16:31



Tgt Ion:180 Resp: 59487
Ion Ratio Lower Upper
180 100
182 96.5 0.0 187.8
145 28.5 0.0 58.4

