

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052522\
 Data File : VX028938.D
 Acq On : 25 May 2022 10:15
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: May 26 05:41:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/26/2022
 Supervised By : Mahesh Dadoda 05/26/2022

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	240200	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	395907	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	366072	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	194905	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	168823	51.274	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.540%			
35) Dibromofluoromethane	5.385	113	137182	52.886	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 105.780%			
50) Toluene-d8	8.652	98	484778	49.570	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.140%			
62) 4-Bromofluorobenzene	11.085	95	198047	54.219	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 108.440%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	148489	47.212	ug/l	100
3) Chloromethane	1.288	50	126906	42.845	ug/l	99
4) Vinyl Chloride	1.373	62	137510	43.079	ug/l	100
5) Bromomethane	1.599	94	129650	58.364	ug/l	99
6) Chloroethane	1.678	64	91819	45.464	ug/l	99
7) Trichlorofluoromethane	1.885	101	224563	44.126	ug/l	98
8) Diethyl Ether	2.135	74	88344	47.641	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.324	101	130843	48.857	ug/l	99
10) Methyl Iodide	2.452	142	153639	47.919	ug/l	95
11) Tert butyl alcohol	2.989	59	186731	267.801	ug/l	97
12) 1,1-Dichloroethene	2.318	96	117007	47.067	ug/l	99
13) Acrolein	2.233	56	119450	221.024	ug/l	97
14) Allyl chloride	2.660	41	196365	49.249	ug/l	95
15) Acrylonitrile	3.062	53	398370	251.119	ug/l	99
16) Acetone	2.379	43	340035	240.631	ug/l	93
17) Carbon Disulfide	2.507	76	255382	39.630	ug/l	99
18) Methyl Acetate	2.702	43	186643	52.735	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	489745	55.515	ug/l	99
20) Methylene Chloride	2.788	84	145321	49.018	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	132092	47.173	ug/l	99
22) Diisopropyl ether	3.757	45	439411	51.571	ug/l #	88
23) Vinyl Acetate	3.720	43	1899024	258.535	ug/l	97
24) 1,1-Dichloroethane	3.605	63	250054	50.481	ug/l	99
25) 2-Butanone	4.556	43	543362	244.967	ug/l	96
26) 2,2-Dichloropropane	4.476	77	208773	53.754	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	164857	50.408	ug/l	99
28) Bromochloromethane	4.897	49	94649	45.395	ug/l	98
29) Tetrahydrofuran	5.001	42	349638	242.501	ug/l	94
30) Chloroform	5.092	83	279926	52.216	ug/l	100
31) Cyclohexane	5.470	56	202725	44.357	ug/l	100
32) 1,1,1-Trichloroethane	5.385	97	242077	51.725	ug/l	99
36) 1,1-Dichloropropene	5.690	75	187388	48.097	ug/l	100
37) Ethyl Acetate	4.714	43	211940	52.082	ug/l	98
38) Carbon Tetrachloride	5.677	117	207567	52.939	ug/l	98
39) Methylcyclohexane	7.378	83	224141	50.166	ug/l	94
40) Benzene	6.037	78	566824	50.622	ug/l	98

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Reviewed By : John Carlone 05/26/2022
 Supervised By : Mahesh Dadoda 05/26/2022

Quant Time: May 26 05:41:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.915	41	117960	54.063	ug/l	94
42) 1,2-Dichloroethane	6.086	62	223764	54.178	ug/l	98
43) Isopropyl Acetate	6.342	43	334987	52.619	ug/l	97
44) Trichloroethene	7.128	130	157501	51.865	ug/l	98
45) 1,2-Dichloropropane	7.433	63	146900	52.584	ug/l	99
46) Dibromomethane	7.580	93	110975	53.193	ug/l	95
47) Bromodichloromethane	7.823	83	219165	56.583	ug/l	98
48) Methyl methacrylate	7.695	41	165574	53.839	ug/l	92
49) 1,4-Dioxane	7.665	88	73805	960.646	ug/l	96
51) 4-Methyl-2-Pentanone	8.573	43	1086531	259.105	ug/l	96
52) Toluene	8.720	92	369825	51.344	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	228755	51.263	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	247164	56.711	ug/l	93
55) 1,1,2-Trichloroethane	9.152	97	162160	55.211	ug/l	98
56) Ethyl methacrylate	9.116	69	250715	56.369	ug/l	91
57) 1,3-Dichloropropane	9.311	76	267862	54.071	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	544037	249.837	ug/l	97
59) 2-Hexanone	9.433	43	848482	260.433	ug/l	94
60) Dibromochloromethane	9.524	129	171966	60.034	ug/l	96
61) 1,2-Dibromoethane	9.610	107	171647	55.642	ug/l	98
64) Tetrachloroethene	9.274	164	144120	52.134	ug/l	98
65) Chlorobenzene	10.079	112	411524	52.990	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.164	131	158948	57.778	ug/l	99
67) Ethyl Benzene	10.195	91	727308	52.250	ug/l	99
68) m/p-Xylenes	10.305	106	563777	104.031	ug/l	98
69) o-Xylene	10.640	106	283653	53.162	ug/l	99
70) Styrene	10.658	104	481167	55.532	ug/l	98
71) Bromoform	10.798	173	124574	54.472	ug/l #	99
73) Isopropylbenzene	10.963	105	740103	50.073	ug/l	99
74) N-amyl acetate	10.847	43	295217	50.811	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	264670	52.196	ug/l	100
76) 1,2,3-Trichloropropane	11.243	75	239335m	52.434	ug/l	
77) Bromobenzene	11.201	156	183680	52.521	ug/l	96
78) n-propylbenzene	11.304	91	852715	49.875	ug/l	99
79) 2-Chlorotoluene	11.365	91	527674	50.356	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	647073	52.539	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	75284	49.265	ug/l	90
82) 4-Chlorotoluene	11.457	91	616844	50.919	ug/l	100
83) tert-Butylbenzene	11.713	119	642160	53.853	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	649761	52.611	ug/l	99
85) sec-Butylbenzene	11.890	105	785496	53.403	ug/l	100
86) p-Isopropyltoluene	12.012	119	679494	55.053	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	356565	51.980	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	364493	51.228	ug/l	98
89) n-Butylbenzene	12.335	91	585963	54.793	ug/l	99
90) Hexachloroethane	12.542	117	108938	54.579	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	361297	53.615	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.944	75	59454	54.912	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	229222	58.895	ug/l	99
94) Hexachlorobutadiene	13.725	225	96777	61.206	ug/l	94
95) Naphthalene	13.774	128	794850	57.390	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	228940	58.567	ug/l	95

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Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

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Supervised By : Mahesh Dadoda 05/26/2022

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260
QLast Update : Thu May 12 14:58:53 2022
Response via : Initial Calibration

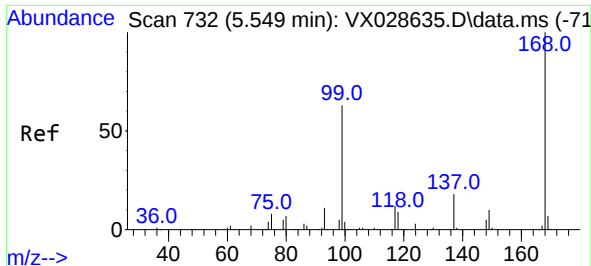
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

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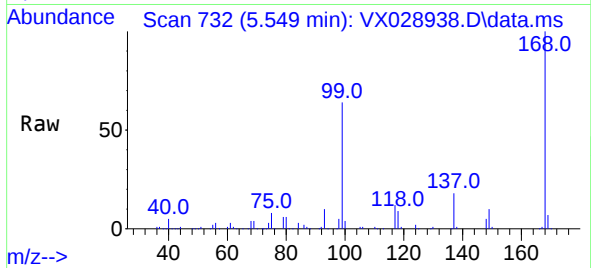
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX028938.D
Acq: 25 May 2022 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

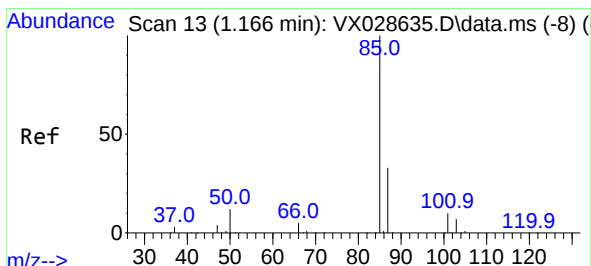
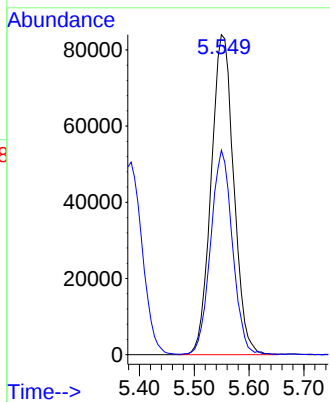
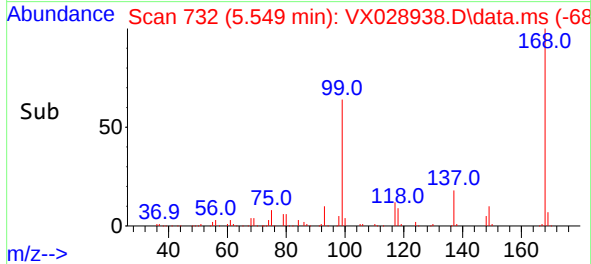


Tgt Ion:168 Resp: 240200
Ion Ratio Lower Upper
168 100
99 63.8 41.7 62.5

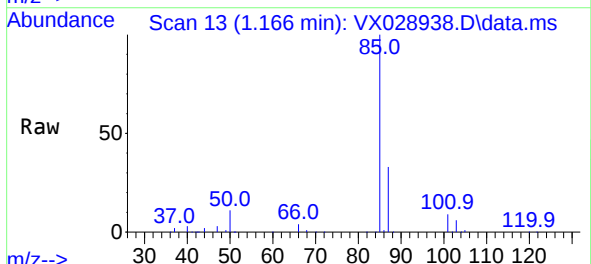
Manual Integrations

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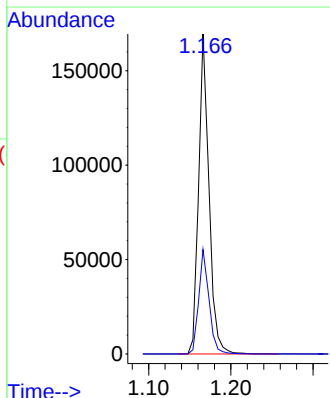
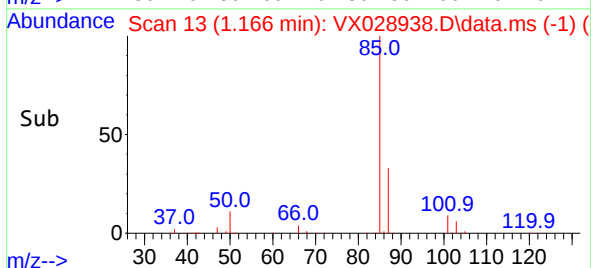
Reviewed By :John Carlone 05/26/2022
Supervised By :Mahesh Dadoda 05/26/2022

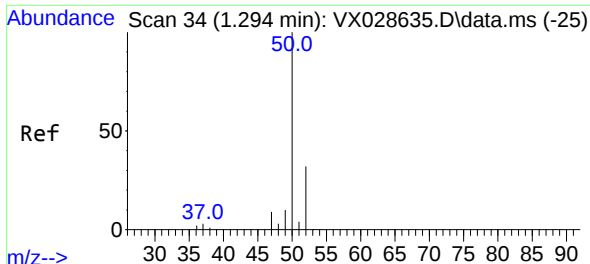


#2
Dichlorodifluoromethane
Concen: 47.212 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX028938.D
Acq: 25 May 2022 10:15



Tgt Ion: 85 Resp: 148489
Ion Ratio Lower Upper
85 100
87 32.6 16.2 48.6





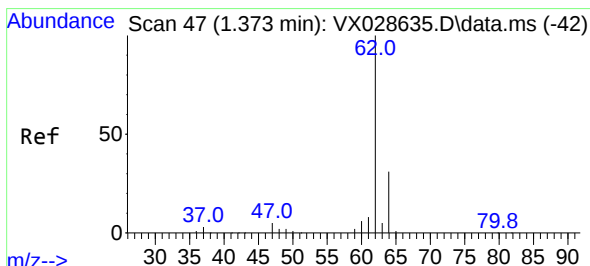
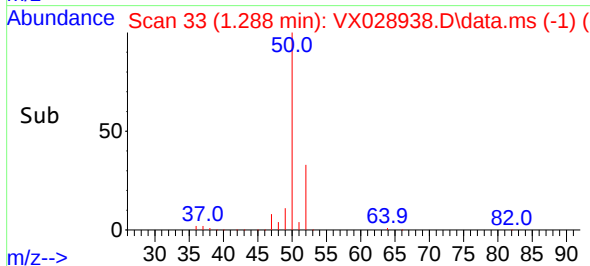
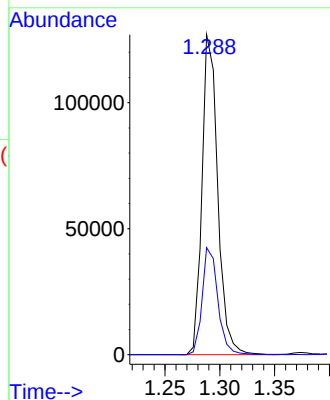
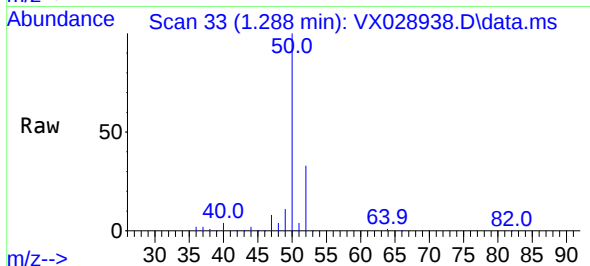
#3
Chloromethane
Concen: 42.845 ug/l
RT: 1.288 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX028938.D
Acq: 25 May 2022 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 126900
Ion Ratio Lower Upper
50 100
52 33.5 26.4 39.6

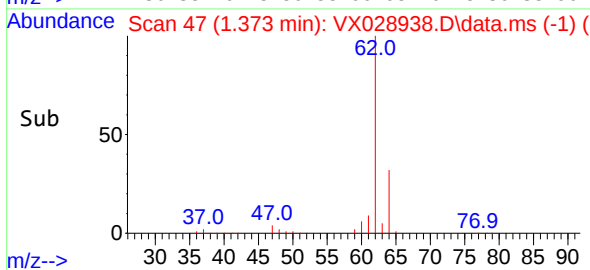
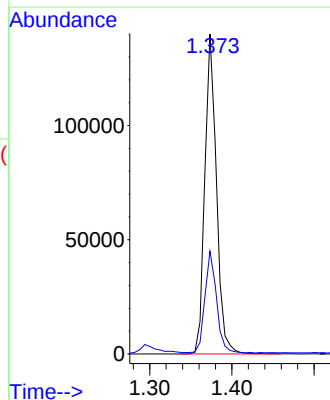
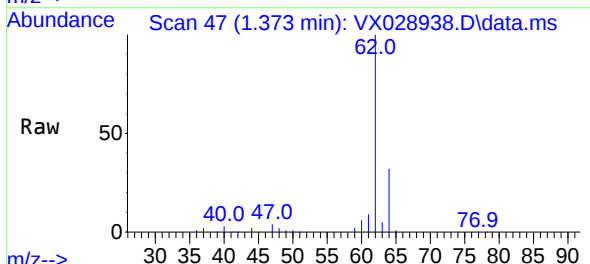
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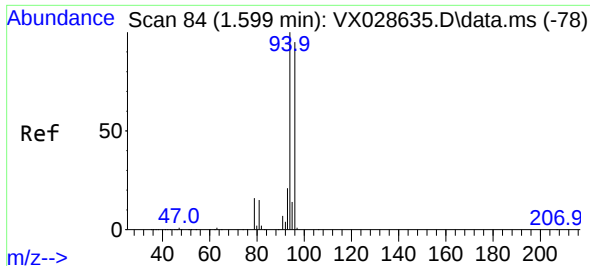
Reviewed By :John Carlone 05/26/2022
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#4
Vinyl Chloride
Concen: 43.079 ug/l
RT: 1.373 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX028938.D
Acq: 25 May 2022 10:15

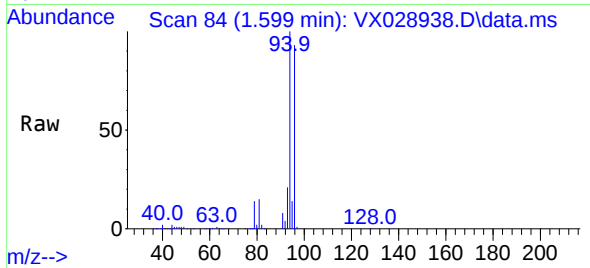
Tgt Ion: 62 Resp: 137510
Ion Ratio Lower Upper
62 100
64 31.8 25.5 38.3





#5
Bromomethane
Concen: 58.364 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX028938.D
Acq: 25 May 2022 10:15

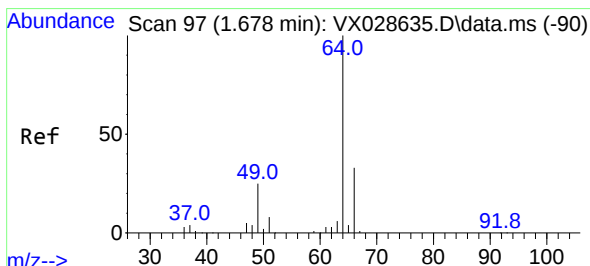
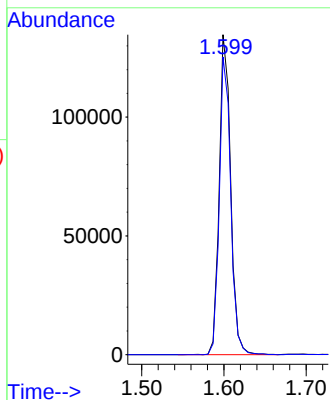
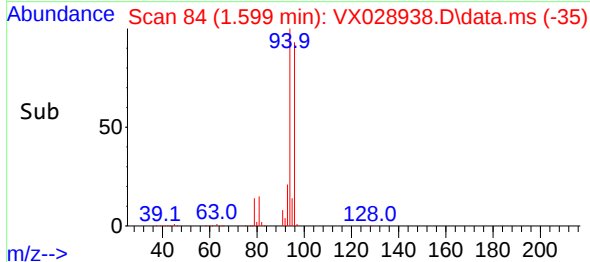
Instrument :
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ClientSampleId :
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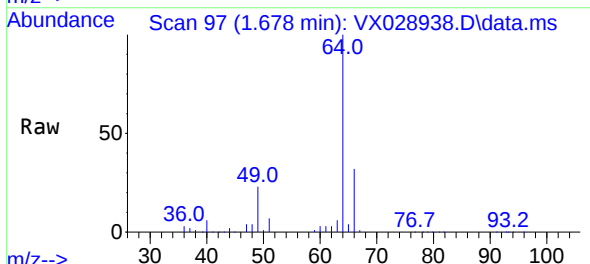
Tgt Ion: 94 Resp: 129650
Ion Ratio Lower Upper
94 100
96 93.0 75.3 112.9

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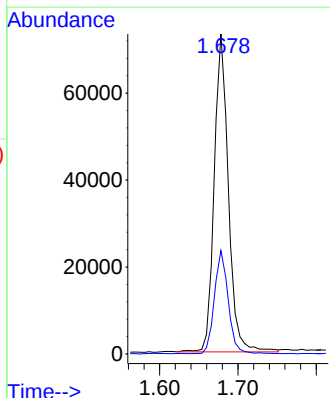
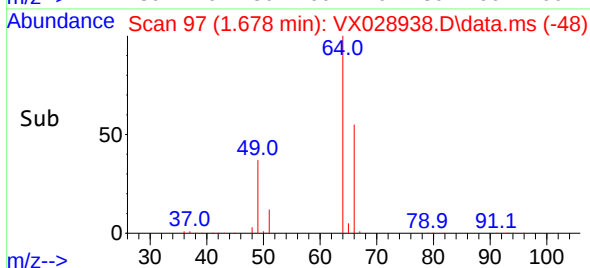
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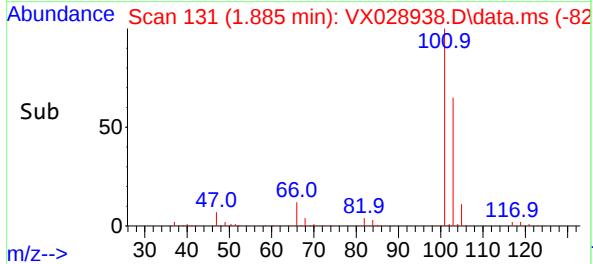
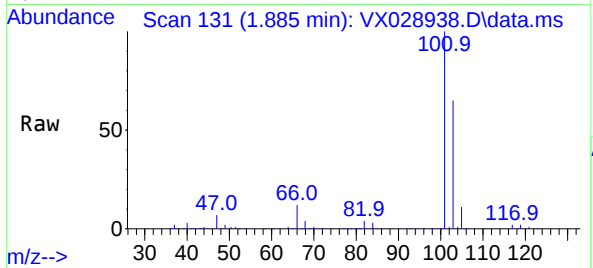
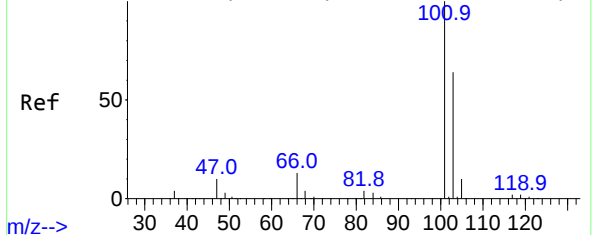
#6
Chloroethane
Concen: 45.464 ug/l
RT: 1.678 min Scan# 97
Delta R.T. 0.000 min
Lab File: VX028938.D
Acq: 25 May 2022 10:15



Tgt Ion: 64 Resp: 91819
Ion Ratio Lower Upper
64 100
66 32.4 25.3 37.9



Abundance Scan 131 (1.885 min): VX028635.D\data.ms (-12



#7
Trichlorofluoromethane
Concen: 44.126 ug/l
RT: 1.885 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028938.D
Acq: 25 May 2022 10:15

Tgt Ion:101 Resp: 22456
Ion Ratio Lower Upper
101 100
103 64.7 50.5 75.7

Instrument :

MSVOA_X

ClientSampleId :

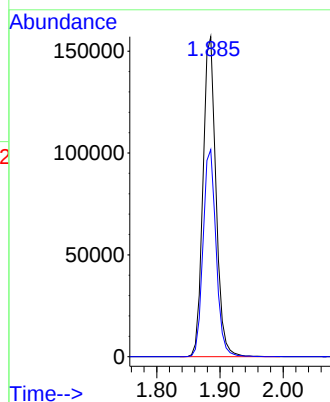
VSTDCCC050

Manual Integrations

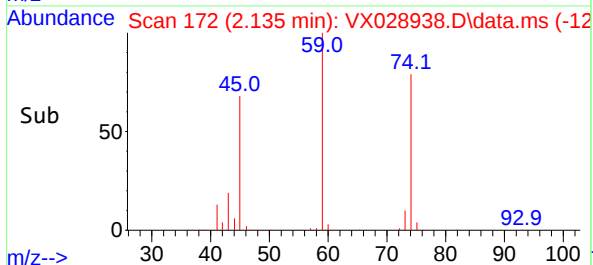
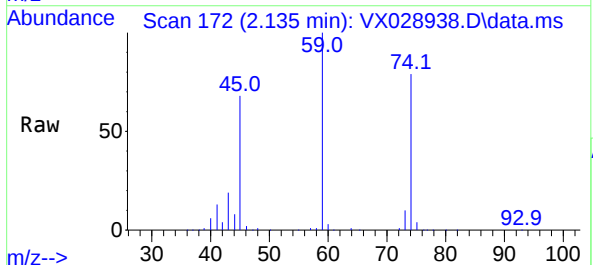
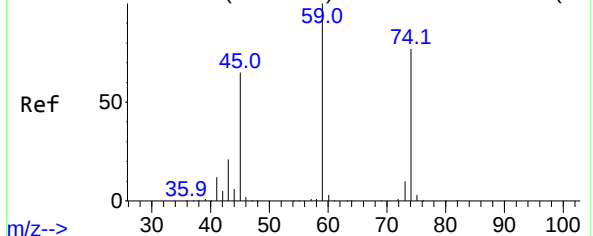
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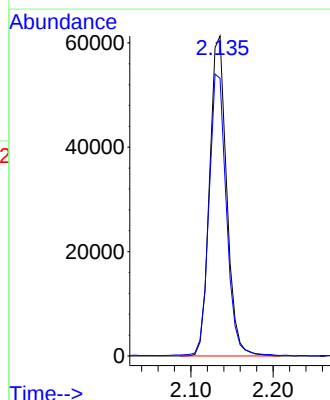


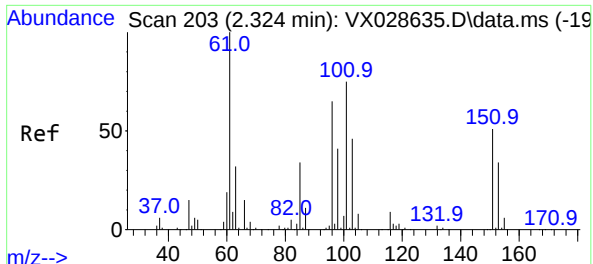
Abundance Scan 171 (2.129 min): VX028635.D\data.ms (-16



#8
Diethyl Ether
Concen: 47.641 ug/l
RT: 2.135 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX028938.D
Acq: 25 May 2022 10:15

Tgt Ion: 74 Resp: 88344
Ion Ratio Lower Upper
74 100
45 90.6 42.0 126.0





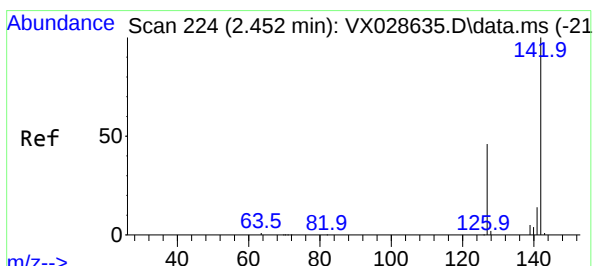
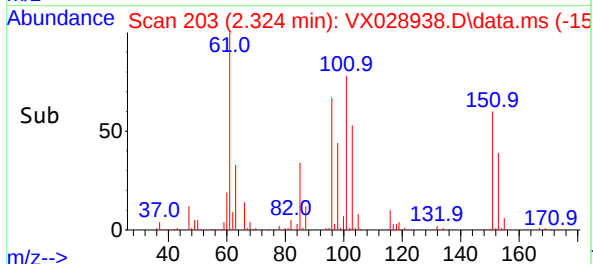
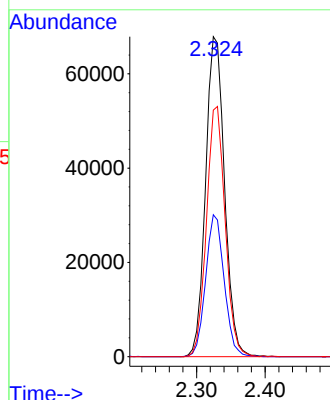
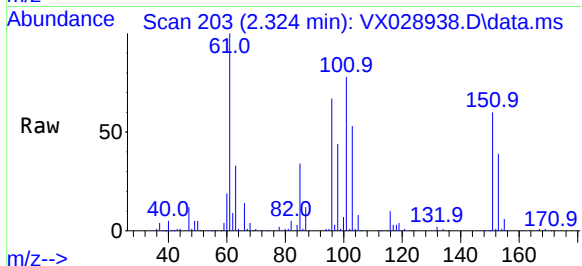
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.857 ug/l
RT: 2.324 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX028938.D
Acq: 25 May 2022 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 13084
Ion Ratio Lower Upper
101 100
85 43.4 33.5 50.3
151 76.9 61.8 92.6

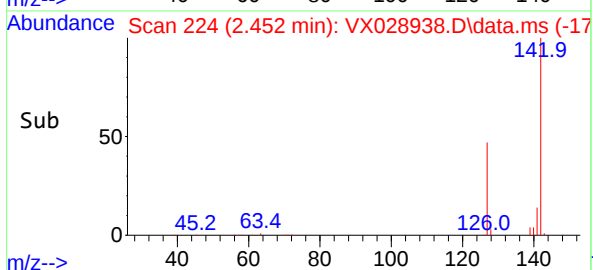
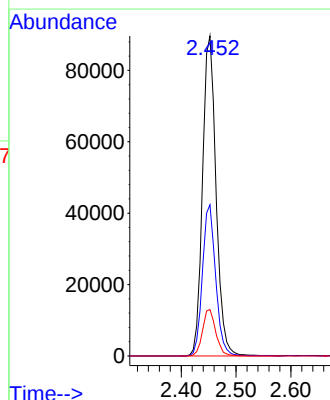
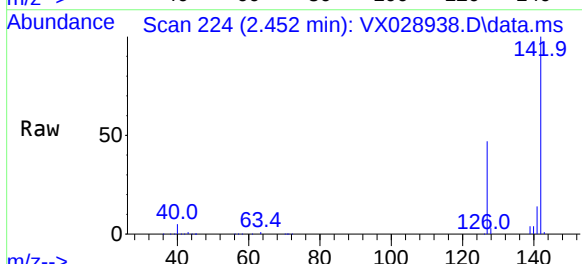
Manual Integrations
APPROVED

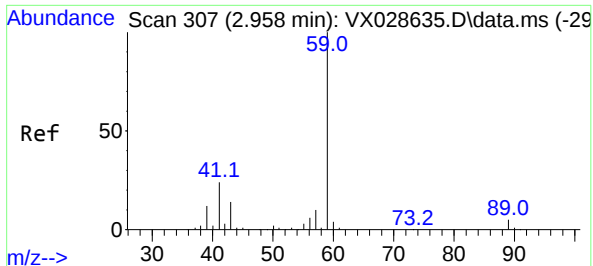
Reviewed By :John Carlone 05/26/2022
Supervised By :Mahesh Dadoda 05/26/2022



#10
Methyl Iodide
Concen: 47.919 ug/l
RT: 2.452 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX028938.D
Acq: 25 May 2022 10:15

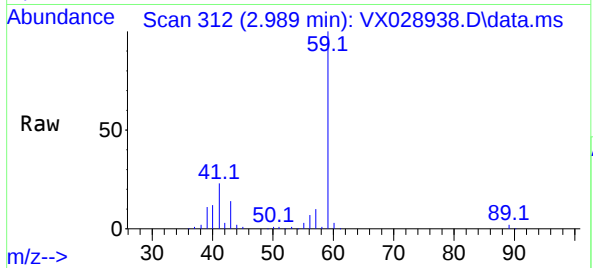
Tgt Ion:142 Resp: 153639
Ion Ratio Lower Upper
142 100
127 46.3 33.9 50.9
141 14.2 11.4 17.2





#11
Tert butyl alcohol
Concen: 267.801 ug/l
RT: 2.989 min Scan# 311
Delta R.T. 0.031 min
Lab File: VX028938.D
Acq: 25 May 2022 10:15

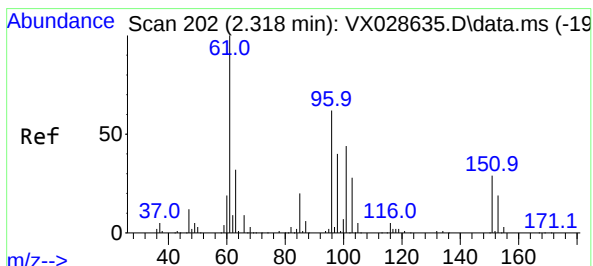
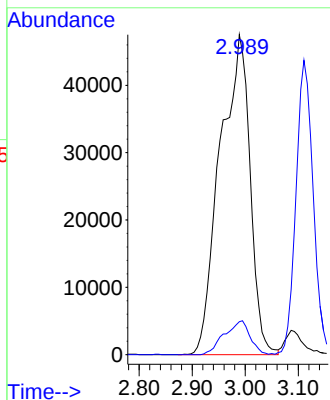
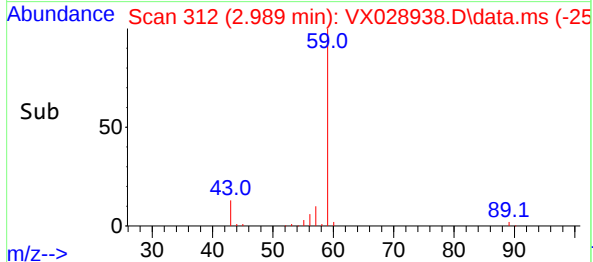
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



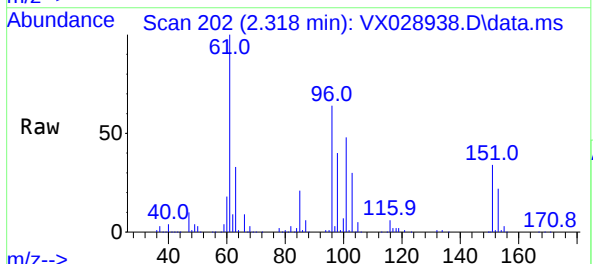
Tgt Ion: 59 Resp: 18673
Ion Ratio Lower Upper
59 100
57 9.1 8.3 12.5

Manual Integrations
APPROVED

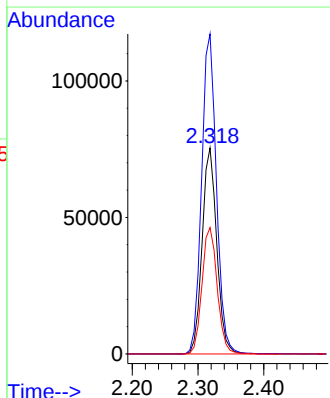
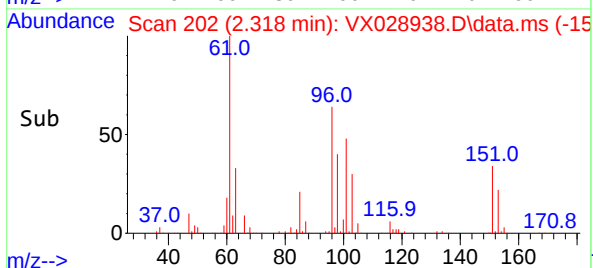
Reviewed By :John Carlone 05/26/2022
Supervised By :Mahesh Dadoda 05/26/2022

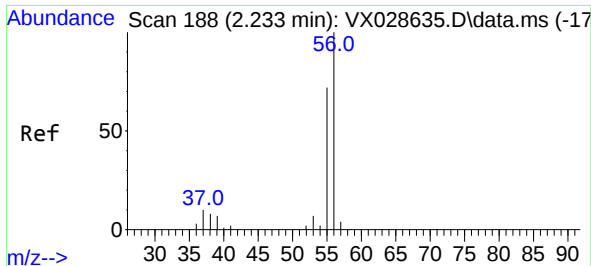


#12
1,1-Dichloroethene
Concen: 47.067 ug/l
RT: 2.318 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX028938.D
Acq: 25 May 2022 10:15



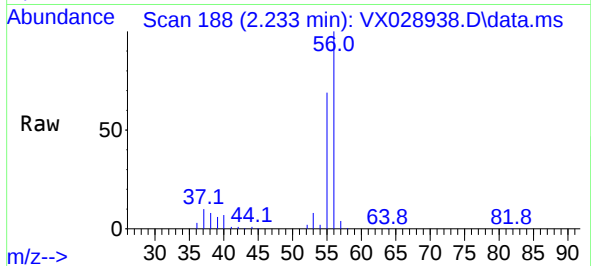
Tgt Ion: 96 Resp: 117007
Ion Ratio Lower Upper
96 100
61 155.3 124.6 187.0
98 61.4 51.0 76.4





#13
Acrolein
Concen: 221.024 ug/l
RT: 2.233 min Scan# 119450
Delta R.T. -0.000 min
Lab File: VX028938.D
Acq: 25 May 2022 10:15

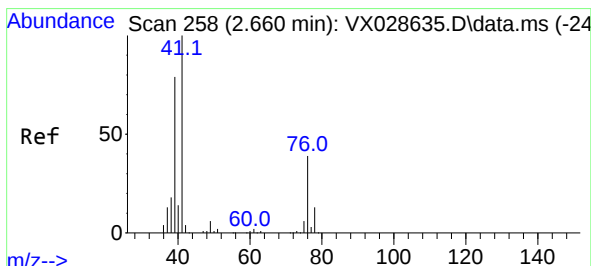
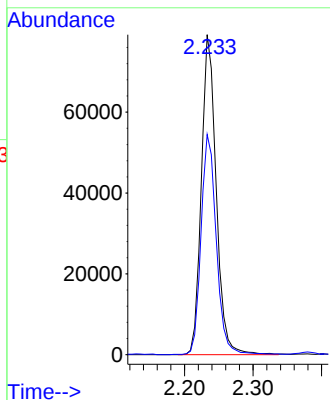
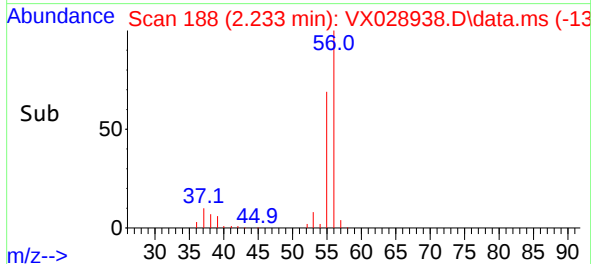
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 119450
Ion Ratio Lower Upper
56 100
55 71.1 55.0 82.6

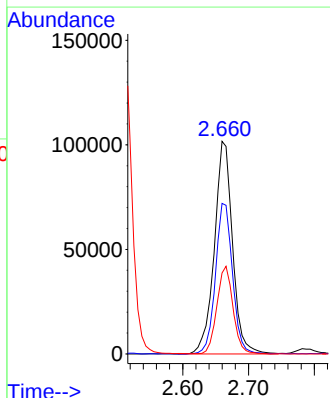
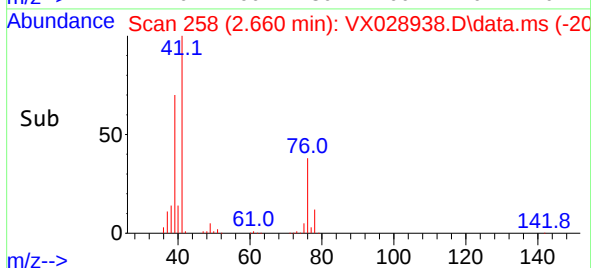
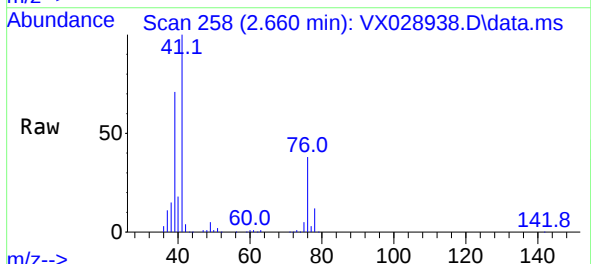
Manual Integrations
APPROVED

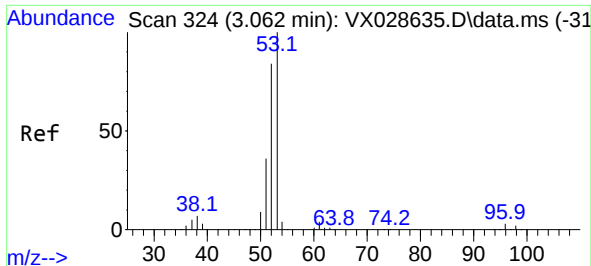
Reviewed By :John Carlone 05/26/2022
Supervised By :Mahesh Dadoda 05/26/2022



#14
Allyl chloride
Concen: 49.249 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.000 min
Lab File: VX028938.D
Acq: 25 May 2022 10:15

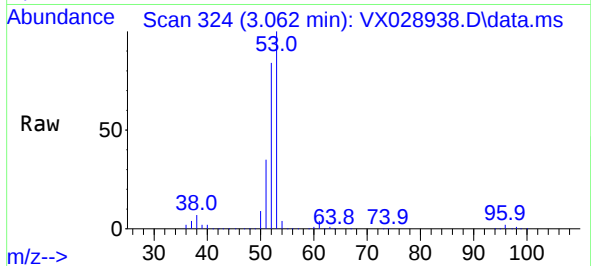
Tgt Ion: 41 Resp: 196365
Ion Ratio Lower Upper
41 100
39 66.2 50.4 75.6
76 36.4 32.7 49.1





#15
Acrylonitrile
Concen: 251.119 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX028938.D
Acq: 25 May 2022 10:15

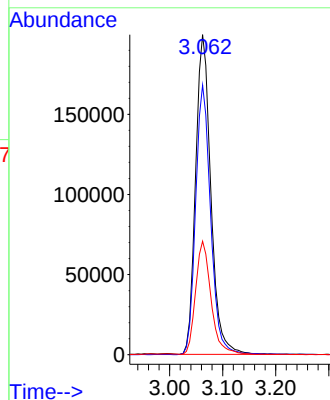
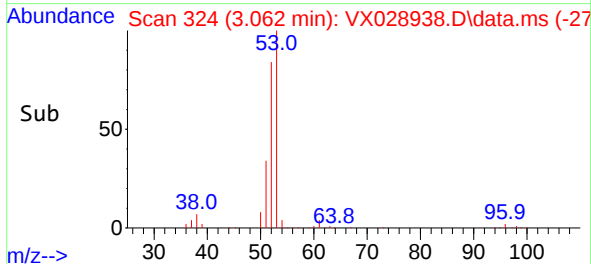
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 398370
Ion Ratio Lower Upper
53 100
52 83.3 65.7 98.5
51 36.1 28.4 42.6

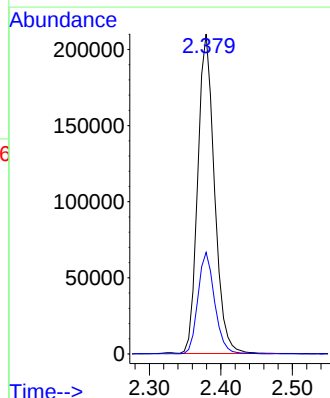
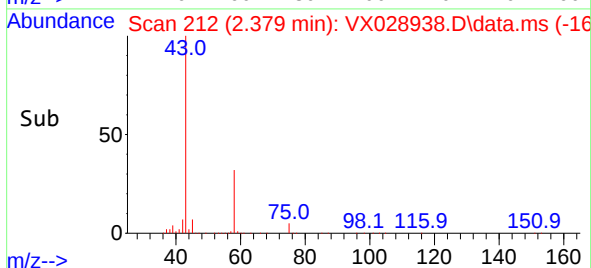
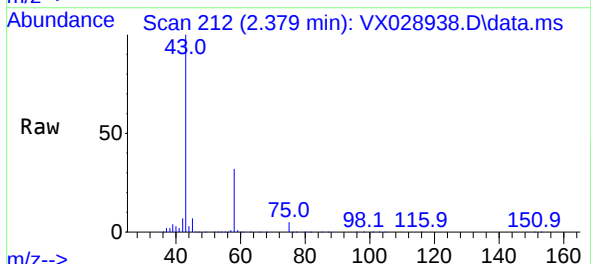
Manual Integrations
APPROVED

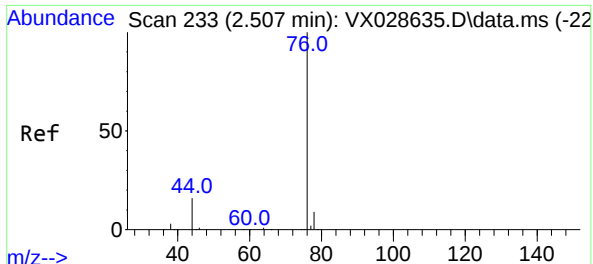
Reviewed By :John Carlone 05/26/2022
Supervised By :Mahesh Dadoda 05/26/2022



#16
Acetone
Concen: 240.631 ug/l
RT: 2.379 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX028938.D
Acq: 25 May 2022 10:15

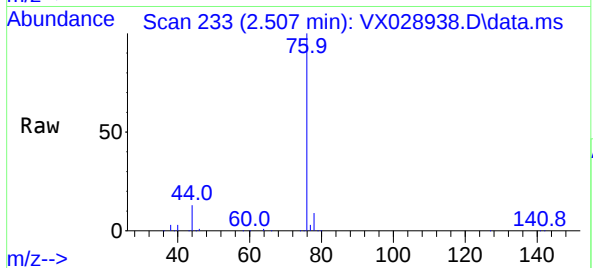
Tgt Ion: 43 Resp: 340035
Ion Ratio Lower Upper
43 100
58 31.8 28.8 43.2





#17
Carbon Disulfide
Concen: 39.630 ug/l
RT: 2.507 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX028938.D
Acq: 25 May 2022 10:15

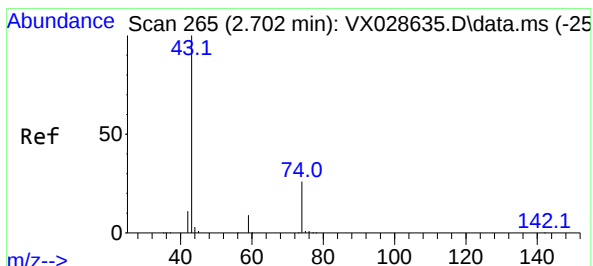
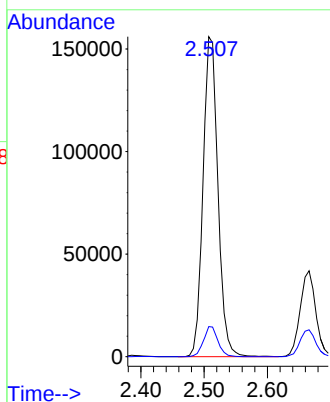
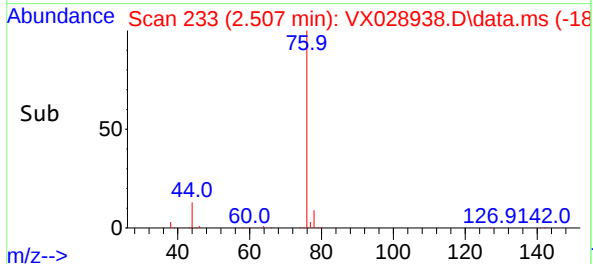
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



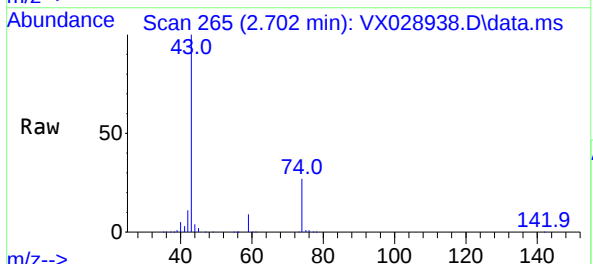
Tgt Ion: 76 Resp: 25538
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8

Manual Integrations
APPROVED

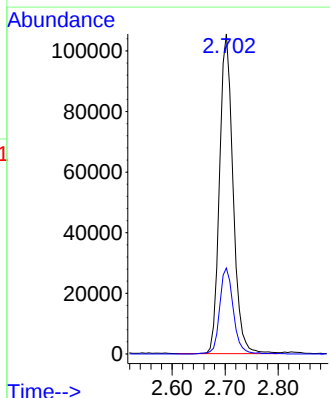
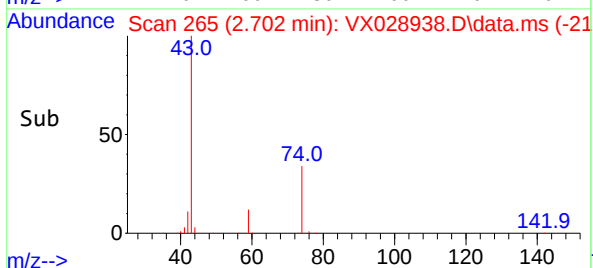
Reviewed By :John Carlone 05/26/2022
Supervised By :Mahesh Dadoda 05/26/2022



#18
Methyl Acetate
Concen: 52.735 ug/l
RT: 2.702 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX028938.D
Acq: 25 May 2022 10:15



Tgt Ion: 43 Resp: 186643
Ion Ratio Lower Upper
43 100
74 27.0 22.8 34.2





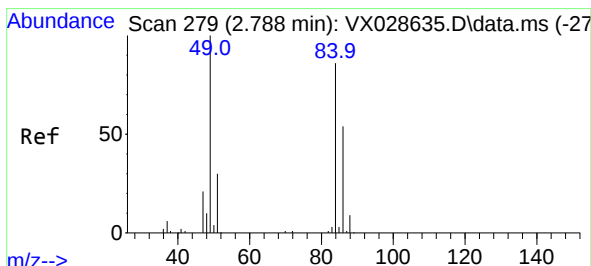
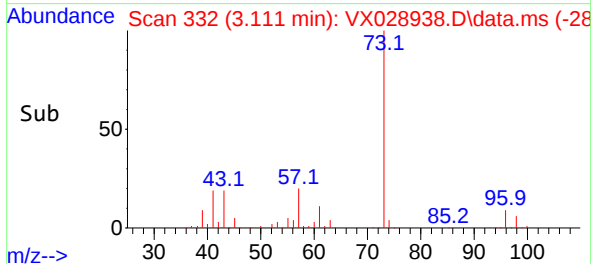
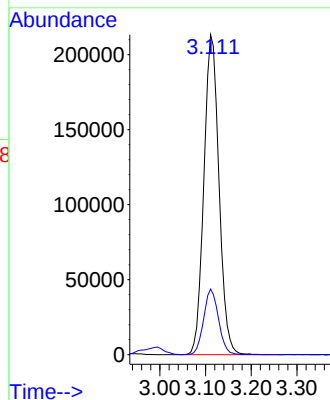
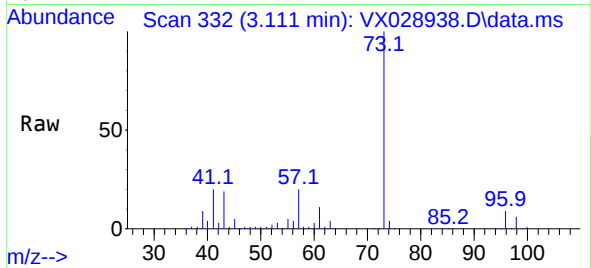
#19
Methyl tert-butyl Ether
Concen: 55.515 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX028938.D
Acq: 25 May 2022 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 48974
Ion Ratio Lower Upper
73 100
57 20.5 16.8 25.2

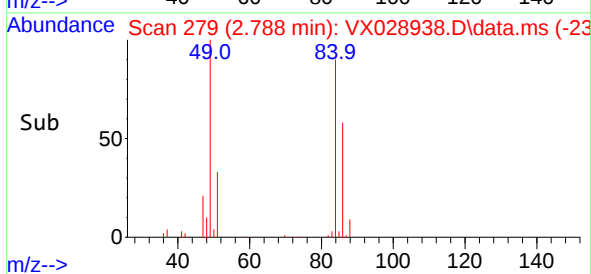
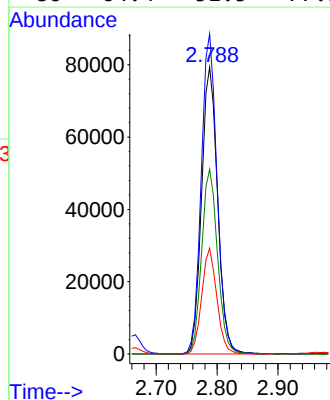
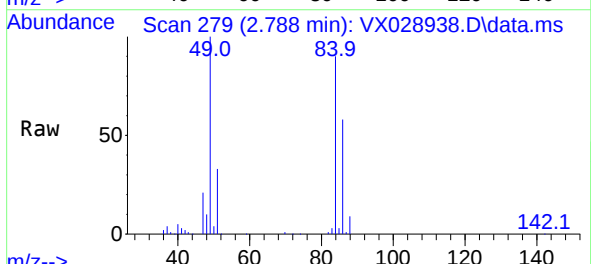
Manual Integrations
APPROVED

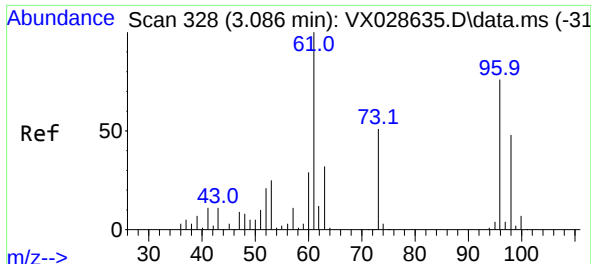
Reviewed By :John Carlone 05/26/2022
Supervised By :Mahesh Dadoda 05/26/2022



#20
Methylene Chloride
Concen: 49.018 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX028938.D
Acq: 25 May 2022 10:15

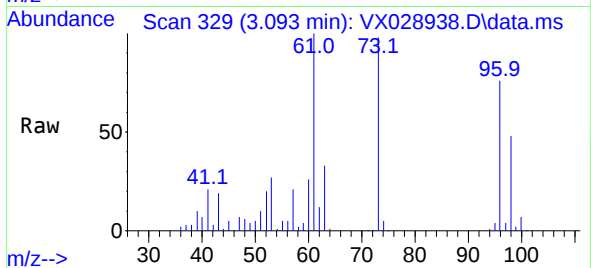
Tgt Ion: 84 Resp: 145321
Ion Ratio Lower Upper
84 100
49 111.5 85.5 128.3
51 36.8 26.6 39.8
86 64.4 51.5 77.3





#21
trans-1,2-Dichloroethene
Concen: 47.173 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.007 min
Lab File: VX028938.D
Acq: 25 May 2022 10:15

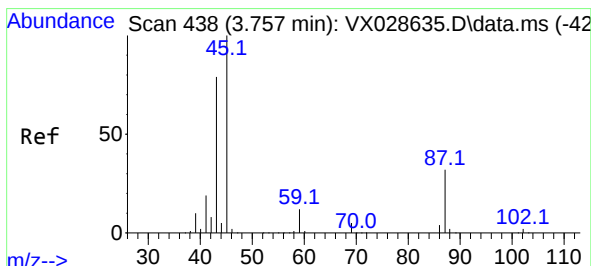
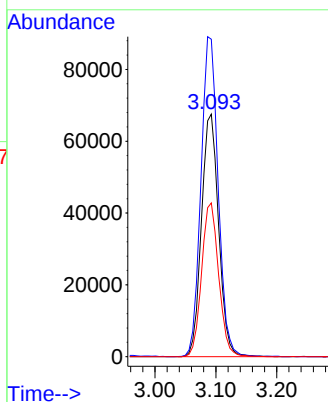
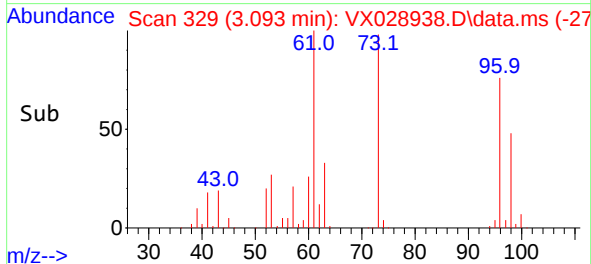
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



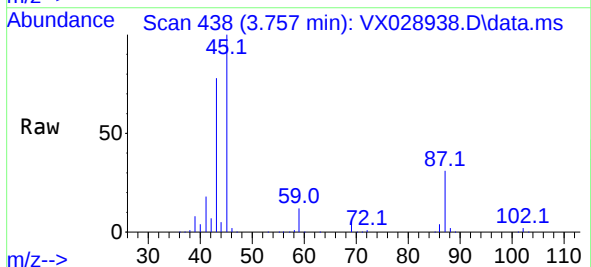
Tgt Ion: 96 Resp: 132092
Ion Ratio Lower Upper
96 100
61 130.8 105.4 158.2
98 63.4 50.0 75.0

Manual Integrations
APPROVED

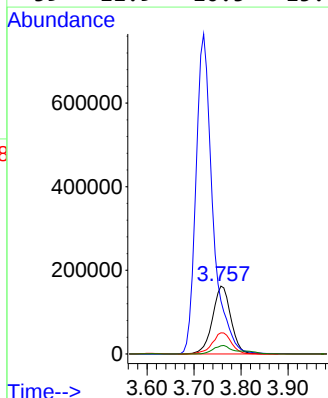
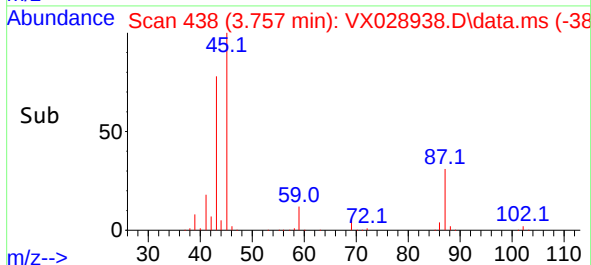
Reviewed By :John Carlone 05/26/2022
Supervised By :Mahesh Dadoda 05/26/2022

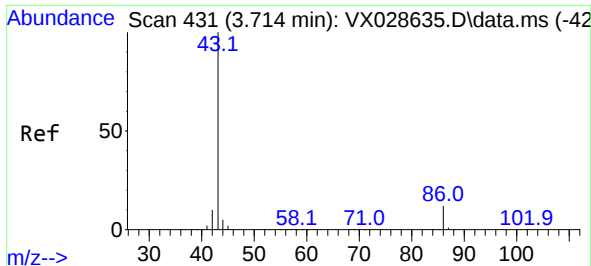


#22
Diisopropyl ether
Concen: 51.571 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX028938.D
Acq: 25 May 2022 10:15



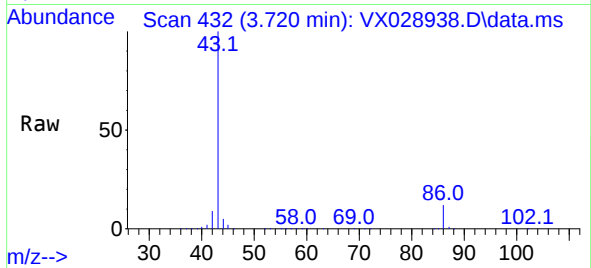
Tgt Ion: 45 Resp: 439411
Ion Ratio Lower Upper
45 100
43 78.2 50.8 76.2#
87 31.2 26.6 39.8
59 11.9 10.5 15.7





#23
 Vinyl Acetate
 Concen: 258.535 ug/l
 RT: 3.720 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX028938.D
 Acq: 25 May 2022 10:15

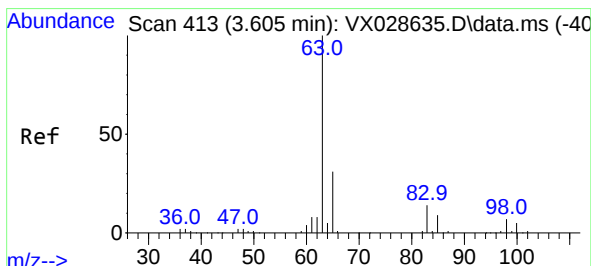
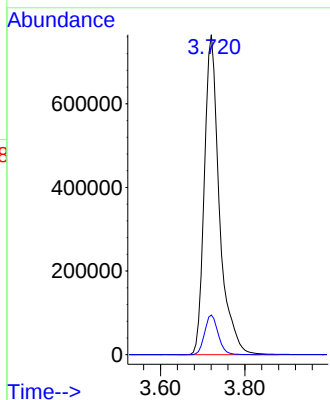
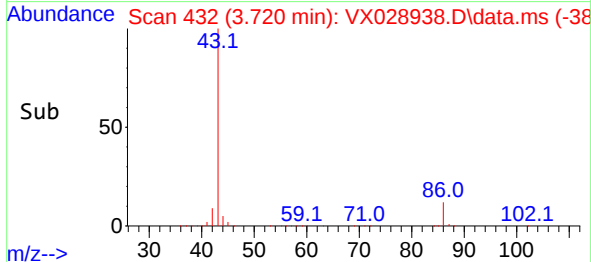
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



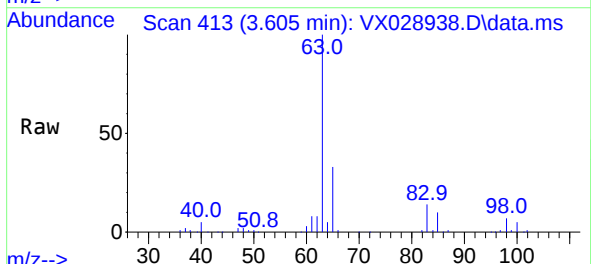
Tgt Ion: 43 Resp: 1899024
 Ion Ratio Lower Upper
 43 100
 86 12.4 10.8 16.2

Manual Integrations
 APPROVED

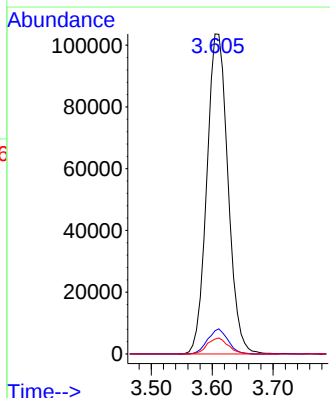
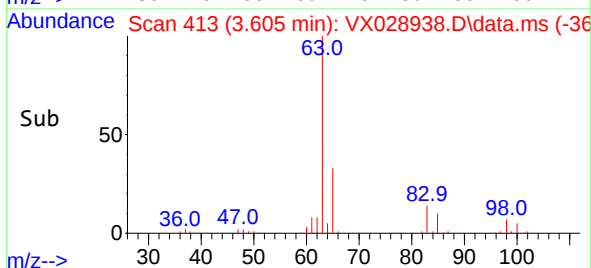
Reviewed By :John Carlone 05/26/2022
 Supervised By :Mahesh Dadoda 05/26/2022

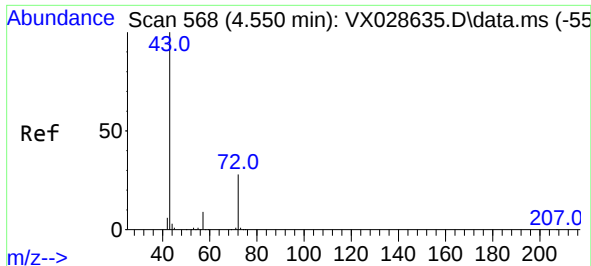


#24
 1,1-Dichloroethane
 Concen: 50.481 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX028938.D
 Acq: 25 May 2022 10:15



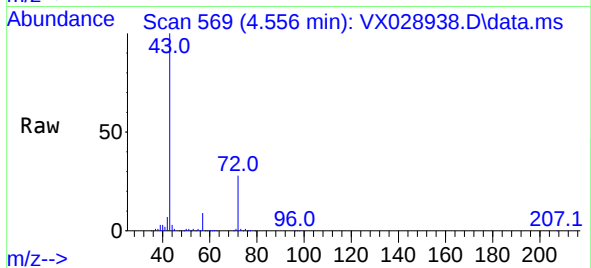
Tgt Ion: 63 Resp: 250054
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.9 11.7
 100 4.7 2.4 7.2





#25
2-Butanone
Concen: 244.967 ug/l
RT: 4.556 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX028938.D
Acq: 25 May 2022 10:15

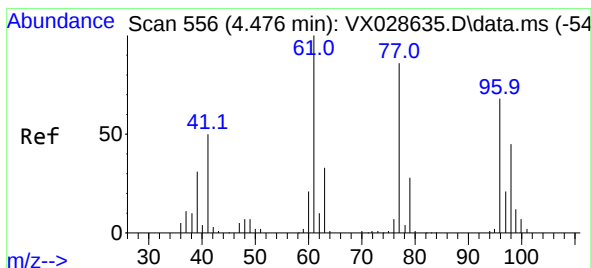
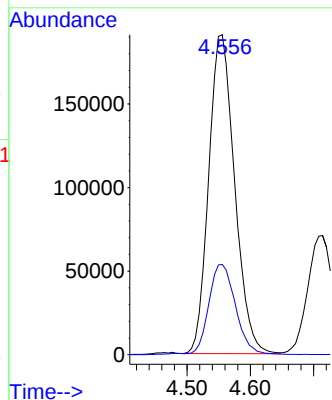
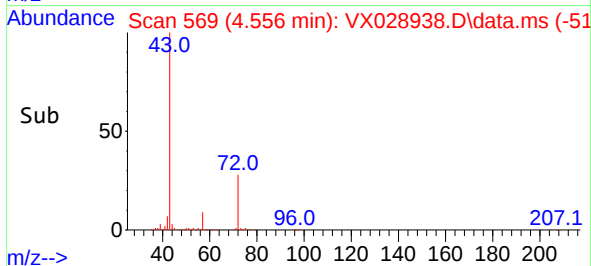
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 543362
Ion Ratio Lower Upper
43 100
72 28.1 24.4 36.6

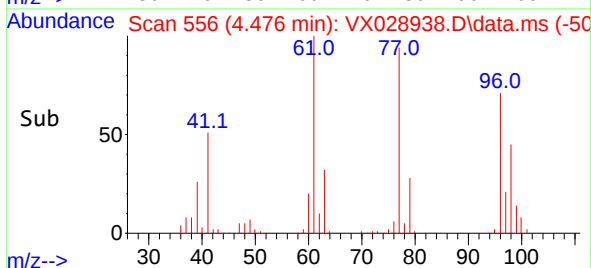
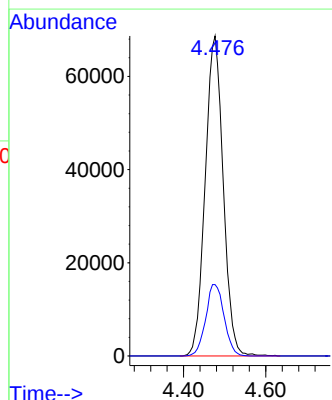
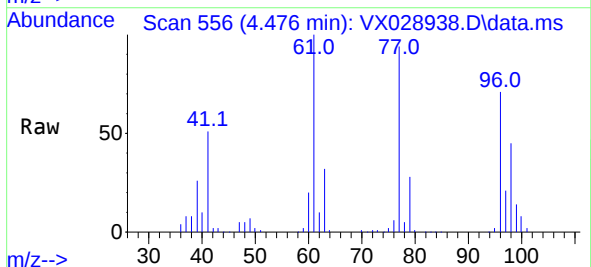
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/26/2022
Supervised By :Mahesh Dadoda 05/26/2022



#26
2,2-Dichloropropane
Concen: 53.754 ug/l
RT: 4.476 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX028938.D
Acq: 25 May 2022 10:15

Tgt Ion: 77 Resp: 208773
Ion Ratio Lower Upper
77 100
97 22.8 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 50.408 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX028938.D

Acq: 25 May 2022 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 16485

Ion Ratio Lower Upper

96 100

61 140.1 0.0 283.8

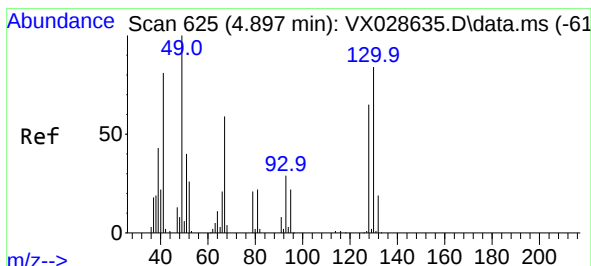
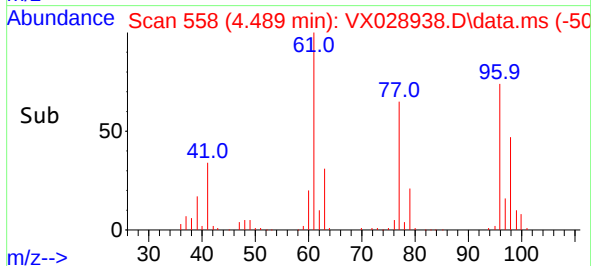
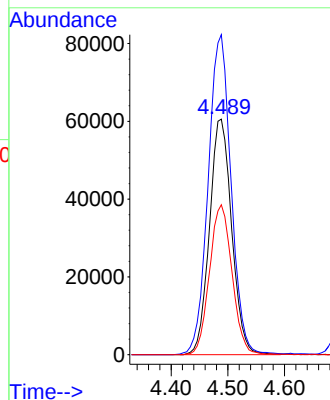
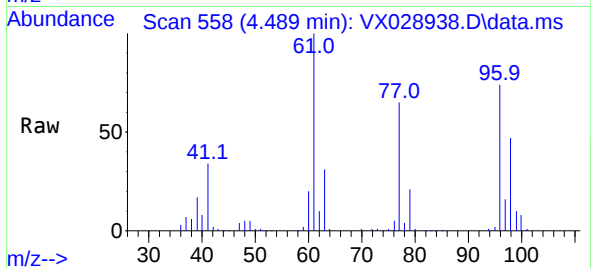
98 64.5 0.0 129.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/26/2022

Supervised By :Mahesh Dadoda 05/26/2022



#28

Bromochloromethane

Concen: 45.395 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX028938.D

Acq: 25 May 2022 10:15

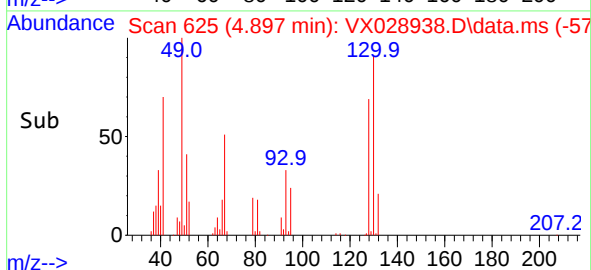
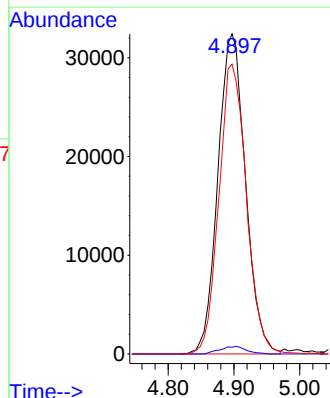
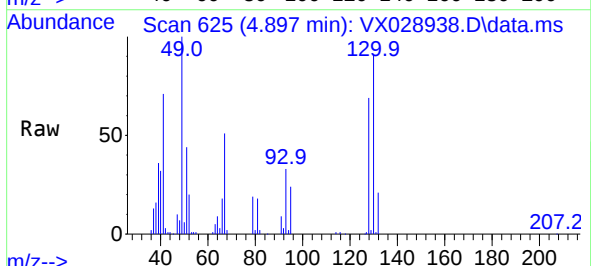
Tgt Ion: 49 Resp: 94649

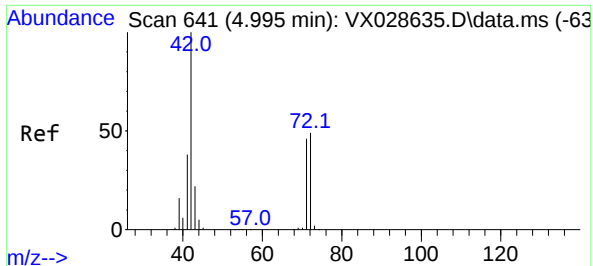
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.4

130 90.2 70.7 106.1





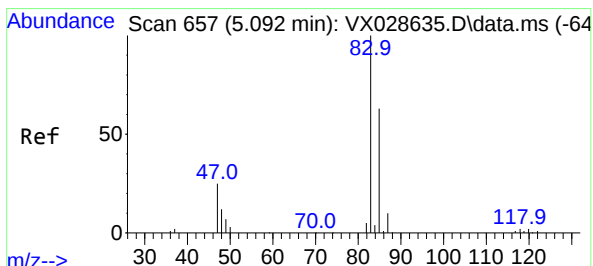
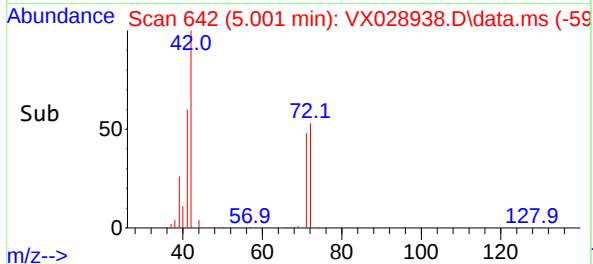
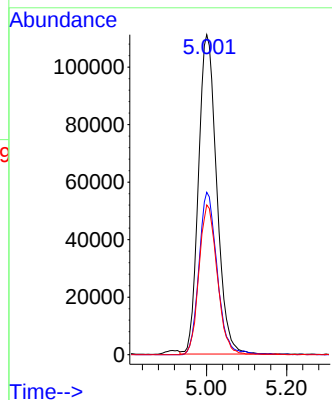
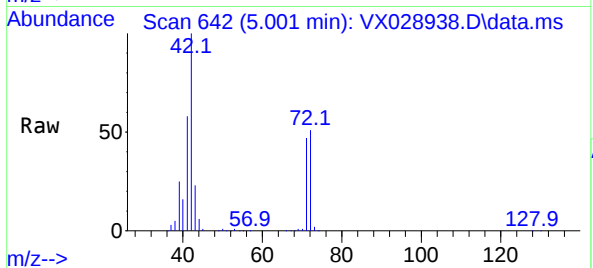
#29
Tetrahydrofuran
Concen: 242.501 ug/l
RT: 5.001 min Scan# 641
Delta R.T. 0.006 min
Lab File: VX028938.D
Acq: 25 May 2022 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 349638
Ion Ratio Lower Upper
42 100
72 50.7 44.1 66.1
71 46.8 40.5 60.7

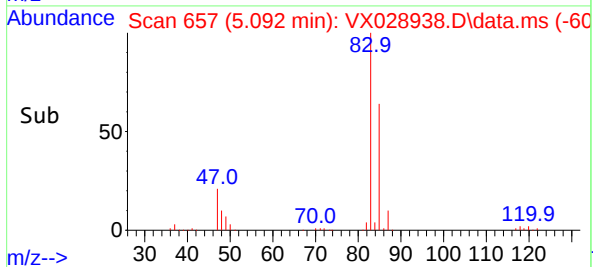
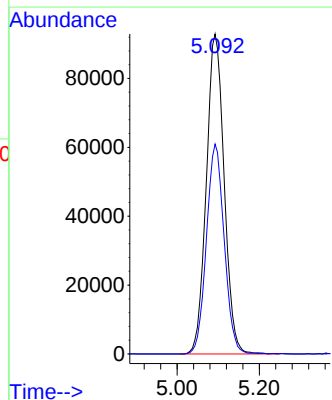
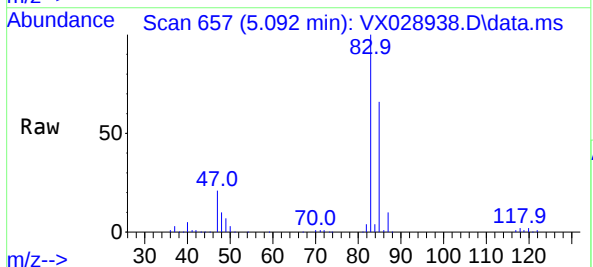
Manual Integrations
APPROVED

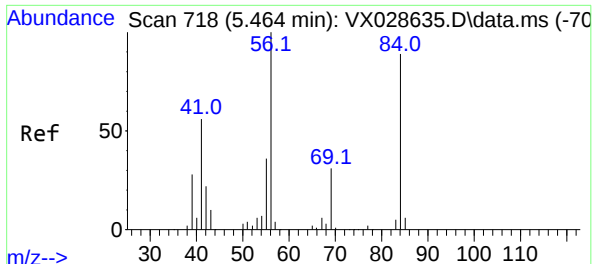
Reviewed By :John Carlone 05/26/2022
Supervised By :Mahesh Dadoda 05/26/2022



#30
Chloroform
Concen: 52.216 ug/l
RT: 5.092 min Scan# 657
Delta R.T. 0.000 min
Lab File: VX028938.D
Acq: 25 May 2022 10:15

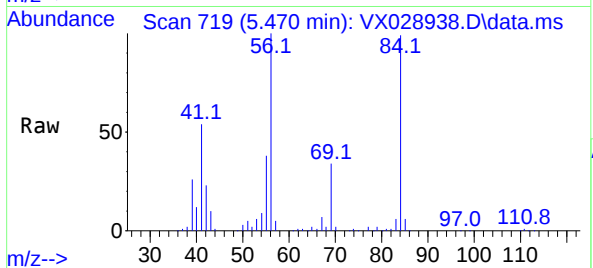
Tgt Ion: 83 Resp: 279926
Ion Ratio Lower Upper
83 100
85 65.6 52.7 79.1





#31
Cyclohexane
Concen: 44.357 ug/l
RT: 5.470 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX028938.D
Acq: 25 May 2022 10:15

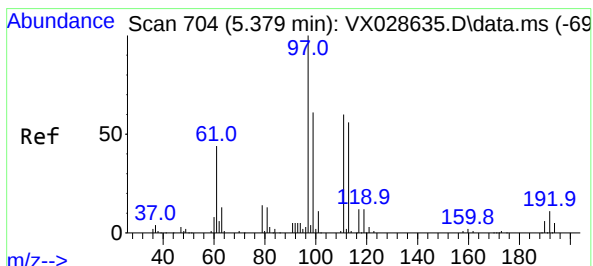
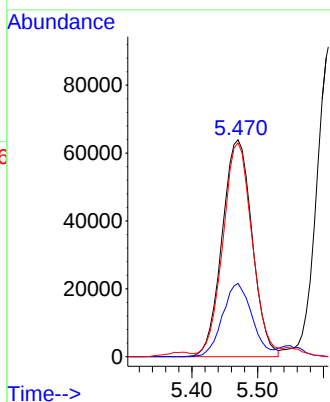
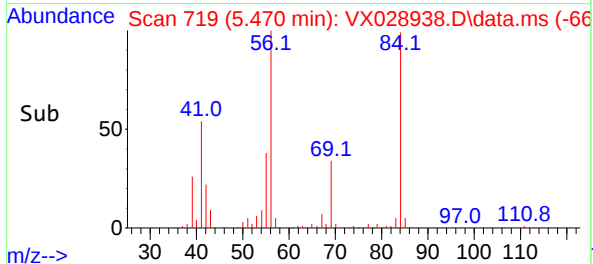
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



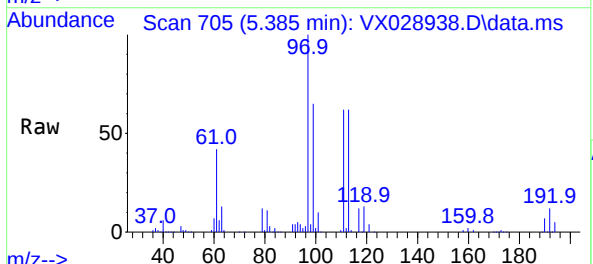
Tgt Ion: 56 Resp: 202725
Ion Ratio Lower Upper
56 100
69 33.8 26.7 40.1
84 96.6 77.2 115.8

Manual Integrations
APPROVED

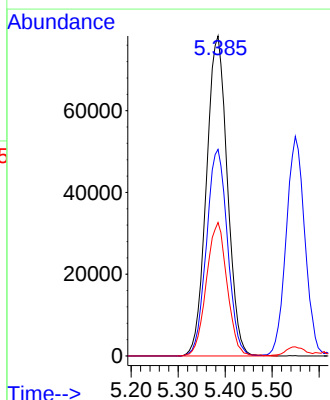
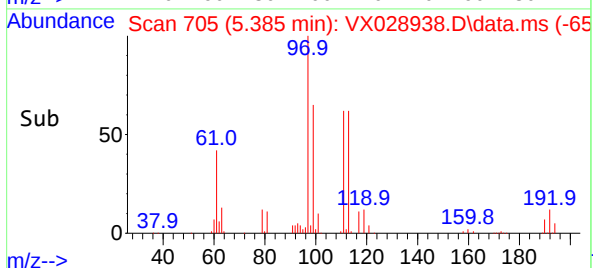
Reviewed By :John Carlone 05/26/2022
Supervised By :Mahesh Dadoda 05/26/2022

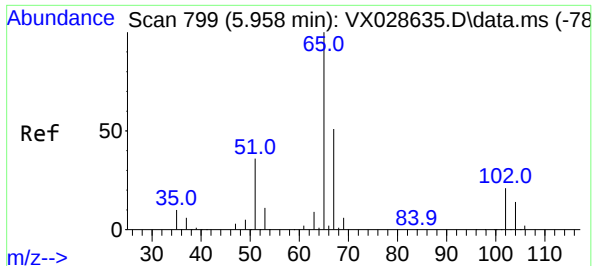


#32
1,1,1-Trichloroethane
Concen: 51.725 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX028938.D
Acq: 25 May 2022 10:15



Tgt Ion: 97 Resp: 242077
Ion Ratio Lower Upper
97 100
99 64.8 51.8 77.6
61 41.3 34.0 51.0





#33

1,2-Dichloroethane-d4

Concen: 51.274 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX028938.D

Acq: 25 May 2022 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 16882

Ion Ratio Lower Upper

65 100

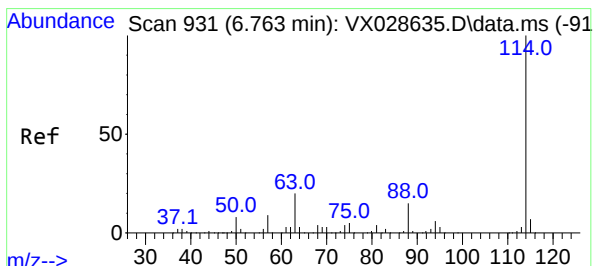
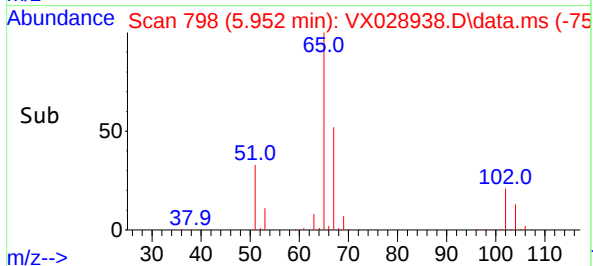
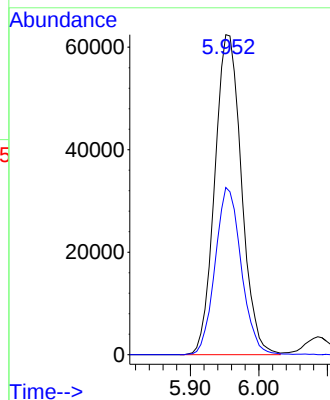
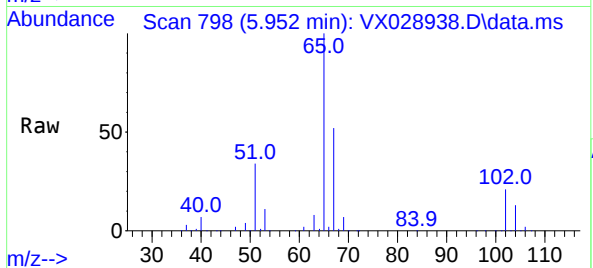
67 51.1 0.0 107.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/26/2022

Supervised By :Mahesh Dadoda 05/26/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX028938.D

Acq: 25 May 2022 10:15

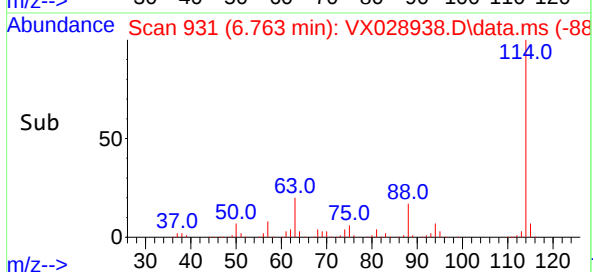
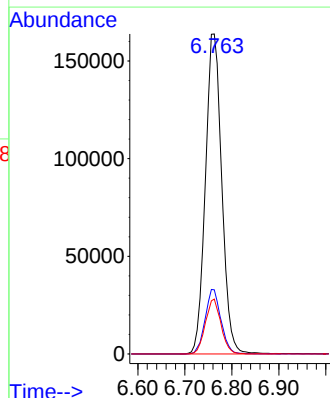
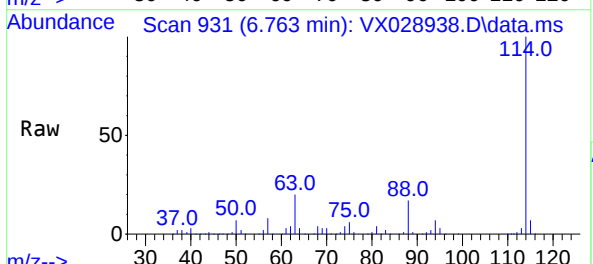
Tgt Ion:114 Resp: 395907

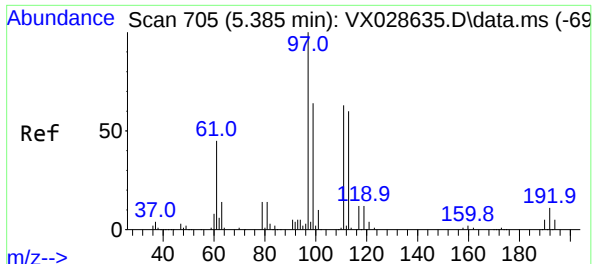
Ion Ratio Lower Upper

114 100

63 20.1 0.0 36.8

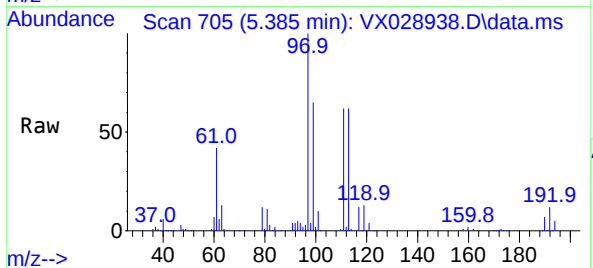
88 17.2 0.0 32.4





#35
Dibromofluoromethane
Concen: 52.886 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX028938.D
Acq: 25 May 2022 10:15

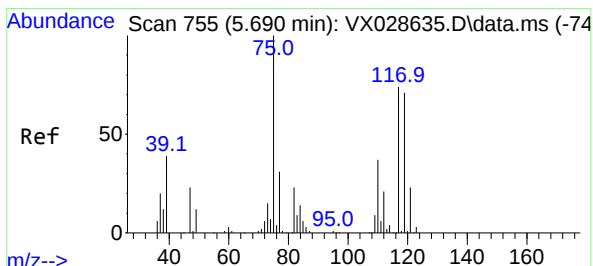
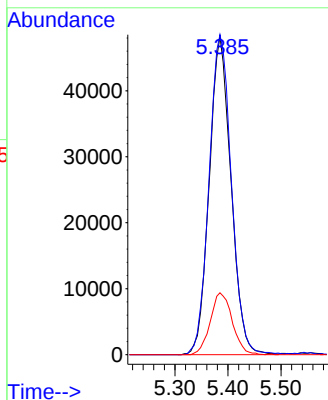
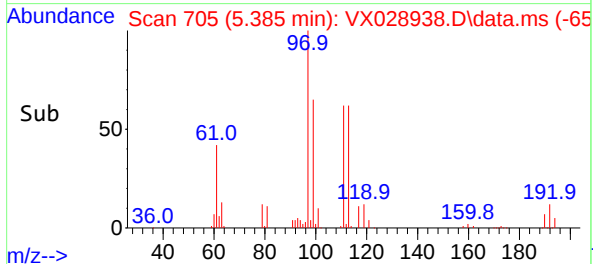
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



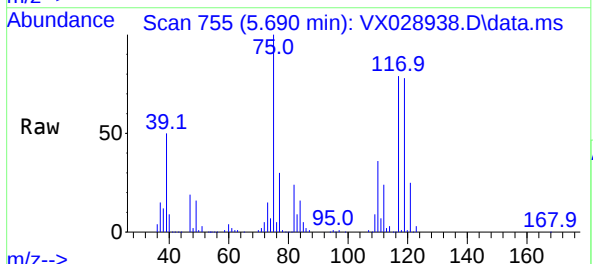
Tgt Ion:113 Resp: 137182
Ion Ratio Lower Upper
113 100
111 103.4 82.8 124.2
192 19.7 16.9 25.3

Manual Integrations
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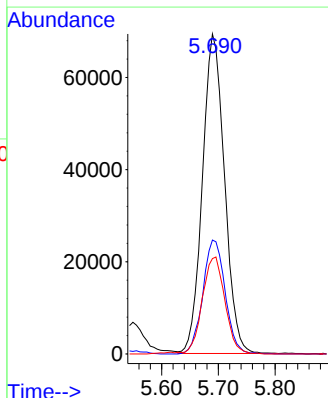
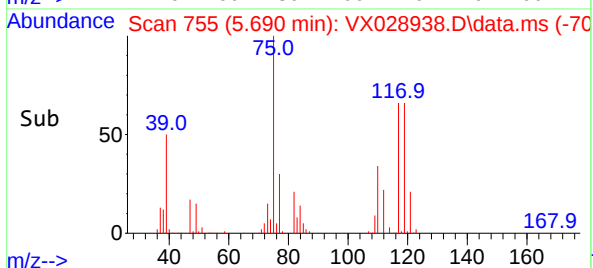
Reviewed By :John Carlone 05/26/2022
Supervised By :Mahesh Dadoda 05/26/2022

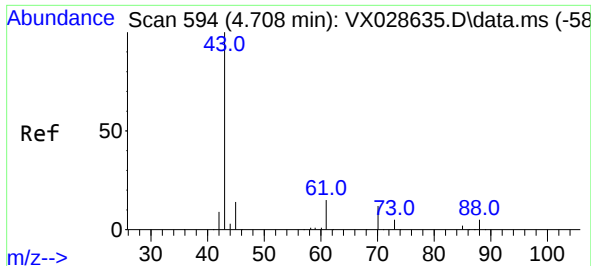


#36
1,1-Dichloropropene
Concen: 48.097 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX028938.D
Acq: 25 May 2022 10:15



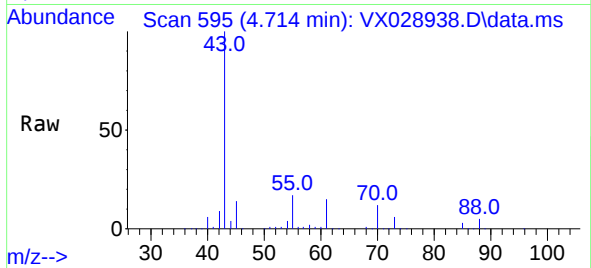
Tgt Ion: 75 Resp: 187388
Ion Ratio Lower Upper
75 100
110 36.1 18.3 54.8
77 31.0 24.8 37.2





#37
Ethyl Acetate
Concen: 52.082 ug/l
RT: 4.714 min Scan# 594
Delta R.T. 0.006 min
Lab File: VX028938.D
Acq: 25 May 2022 10:15

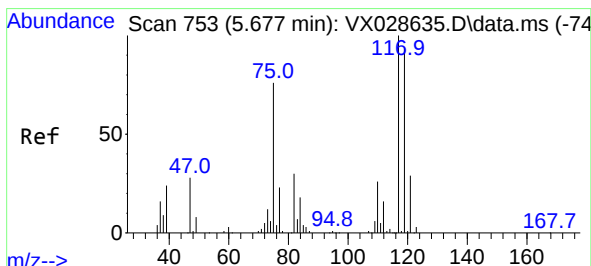
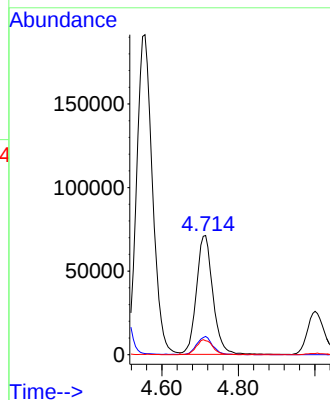
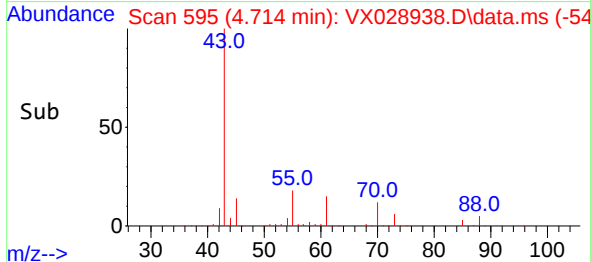
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 211940
Ion Ratio Lower Upper
43 100
61 14.9 12.6 19.0
70 12.4 10.2 15.2

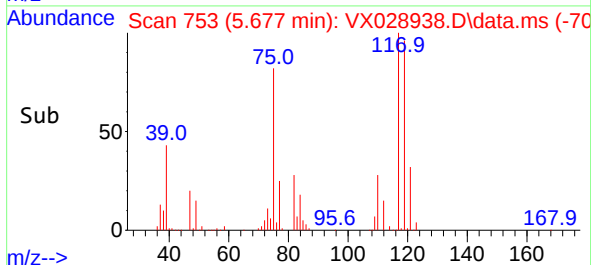
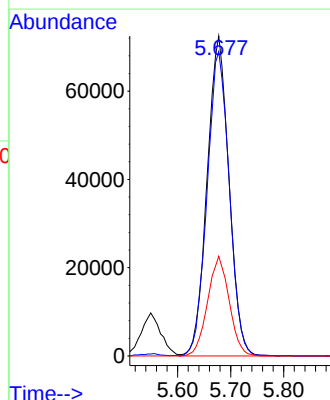
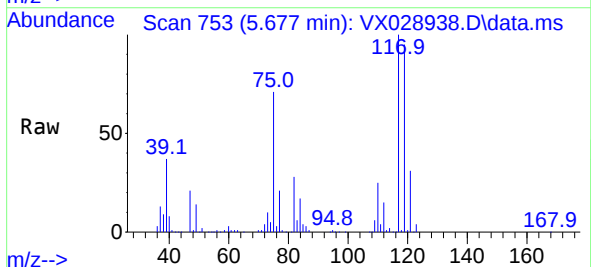
Manual Integrations
APPROVED

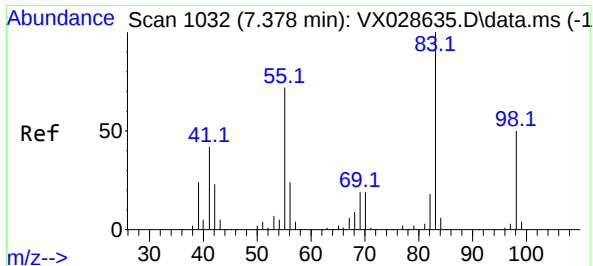
Reviewed By :John Carlone 05/26/2022
Supervised By :Mahesh Dadoda 05/26/2022



#38
Carbon Tetrachloride
Concen: 52.939 ug/l
RT: 5.677 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX028938.D
Acq: 25 May 2022 10:15

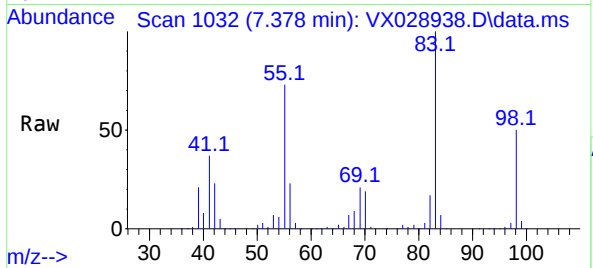
Tgt Ion:117 Resp: 207567
Ion Ratio Lower Upper
117 100
119 95.1 77.3 115.9
121 31.1 24.2 36.2





#39
Methylcyclohexane
Concen: 50.166 ug/l
RT: 7.378 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX028938.D
Acq: 25 May 2022 10:15

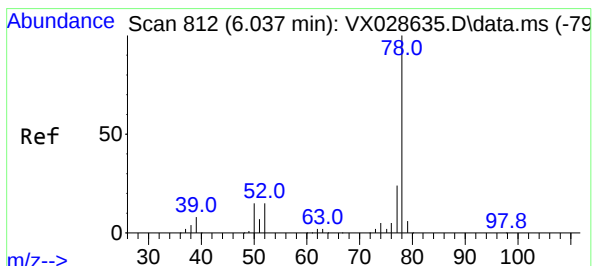
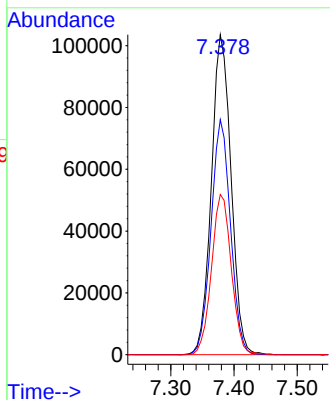
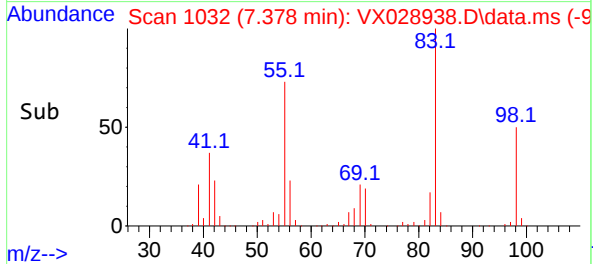
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



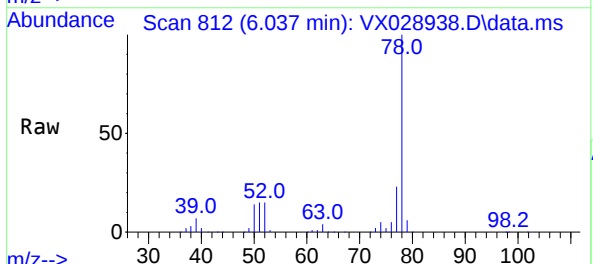
Tgt Ion: 83 Resp: 22414
Ion Ratio Lower Upper
83 100
55 73.5 54.6 81.8
98 50.0 37.4 56.2

Manual Integrations
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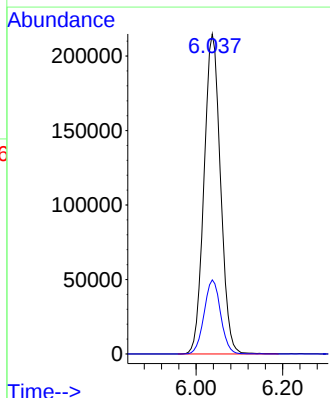
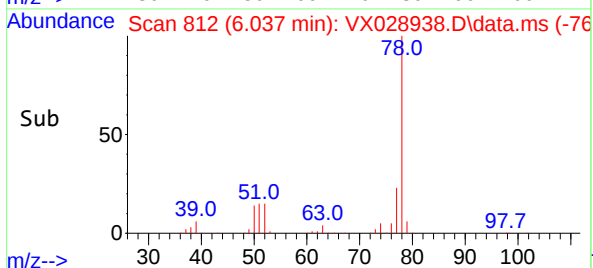
Reviewed By :John Carlone 05/26/2022
Supervised By :Mahesh Dadoda 05/26/2022

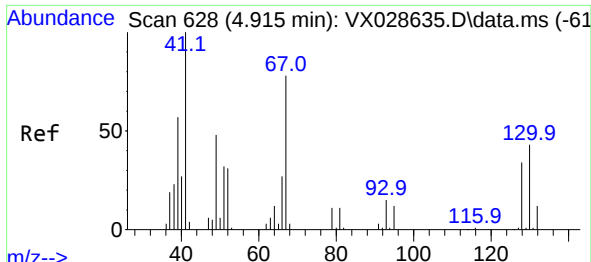


#40
Benzene
Concen: 50.622 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX028938.D
Acq: 25 May 2022 10:15



Tgt Ion: 78 Resp: 566824
Ion Ratio Lower Upper
78 100
77 23.1 19.3 28.9





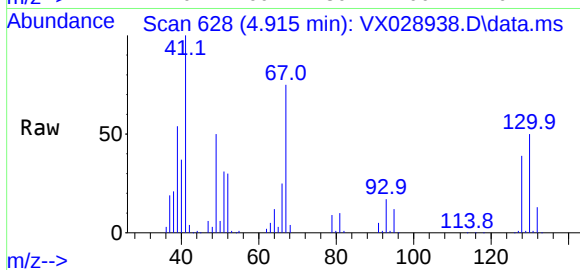
#41
Methacrylonitrile
Concen: 54.063 ug/l
RT: 4.915 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX028938.D
Acq: 25 May 2022 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

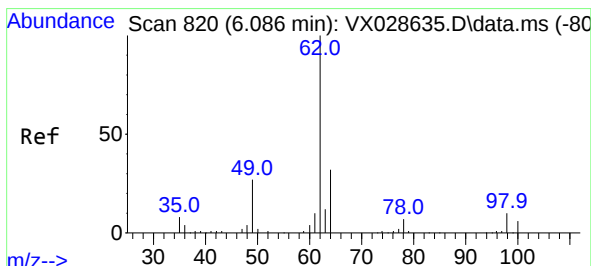
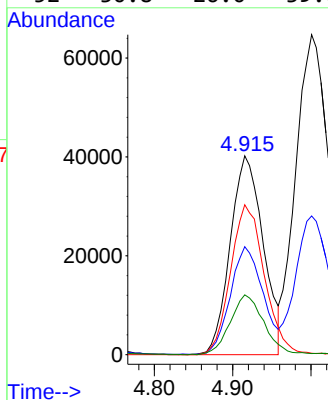
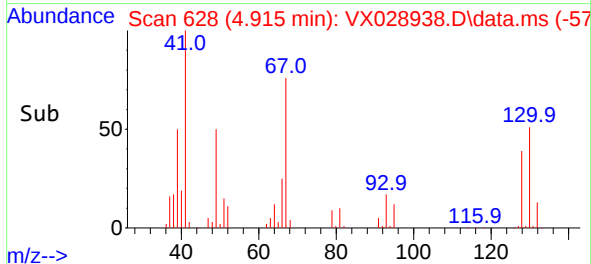


Tgt Ion: 41 Resp: 117960
Ion Ratio Lower Upper
41 100
39 53.7 43.0 64.4
67 77.6 70.2 105.4
52 30.8 26.0 39.0

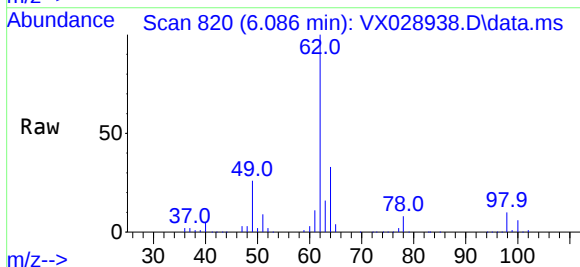
Manual Integrations

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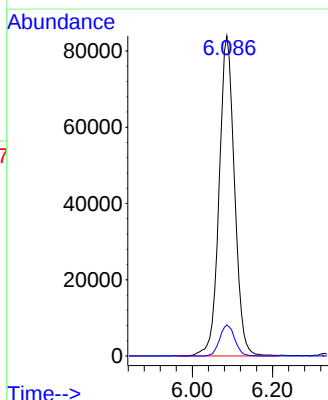
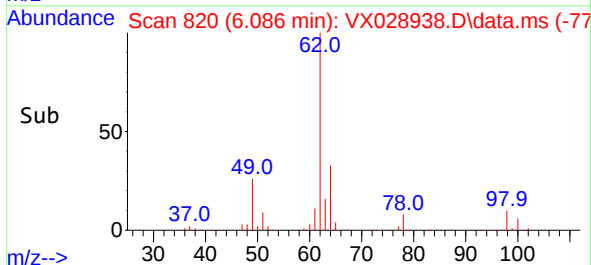
Reviewed By :John Carlone 05/26/2022
Supervised By :Mahesh Dadoda 05/26/2022

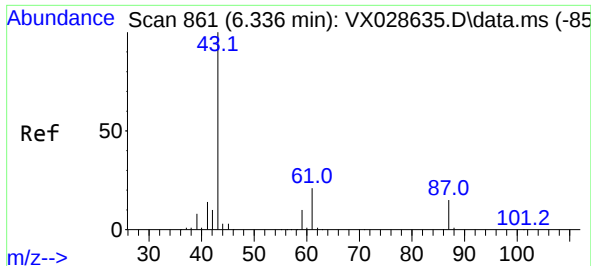


#42
1,2-Dichloroethane
Concen: 54.178 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX028938.D
Acq: 25 May 2022 10:15



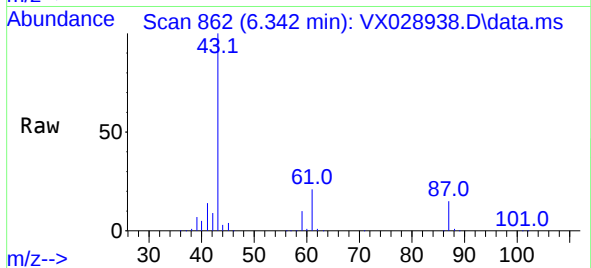
Tgt Ion: 62 Resp: 223764
Ion Ratio Lower Upper
62 100
98 9.5 0.0 20.4





#43
Isopropyl Acetate
Concen: 52.619 ug/l
RT: 6.342 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX028938.D
Acq: 25 May 2022 10:15

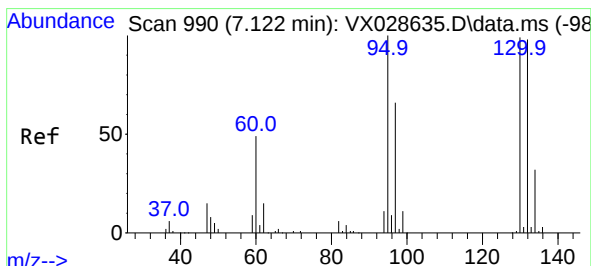
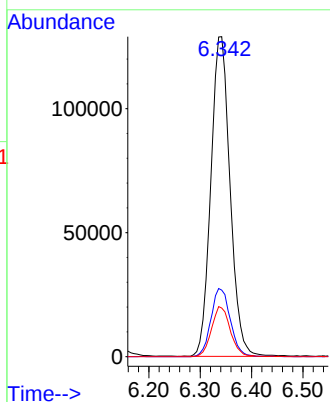
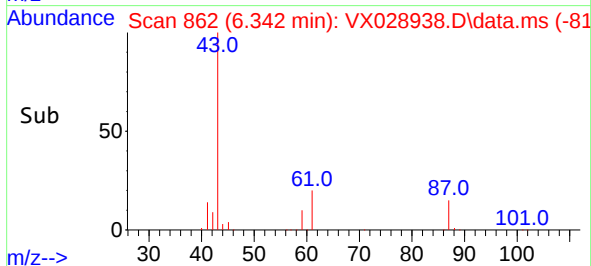
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



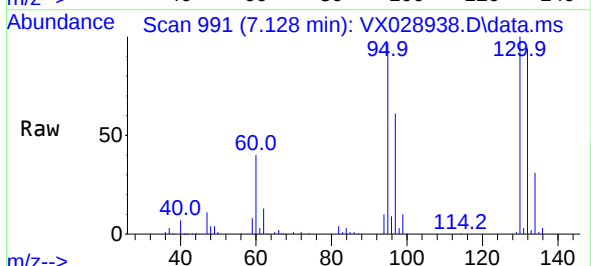
Tgt Ion: 43 Resp: 33498
Ion Ratio Lower Upper
43 100
61 21.5 18.5 27.7
87 15.4 13.0 19.6

Manual Integrations
APPROVED

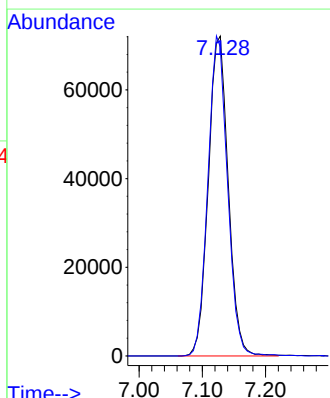
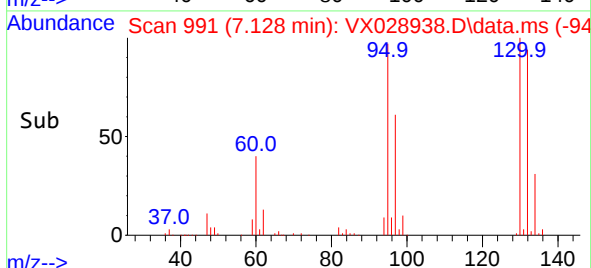
Reviewed By :John Carlone 05/26/2022
Supervised By :Mahesh Dadoda 05/26/2022



#44
Trichloroethene
Concen: 51.865 ug/l
RT: 7.128 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX028938.D
Acq: 25 May 2022 10:15



Tgt Ion:130 Resp: 157501
Ion Ratio Lower Upper
130 100
95 96.6 0.0 188.8





#45

1,2-Dichloropropane

Concen: 52.584 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX028938.D

Acq: 25 May 2022 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 146900

Ion Ratio Lower Upper

63 100

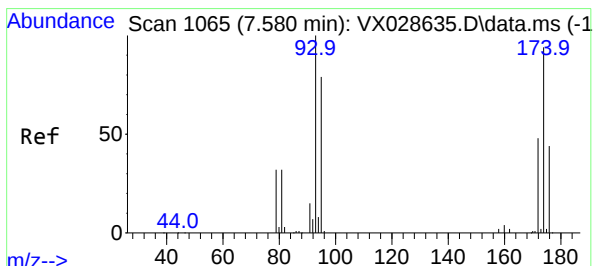
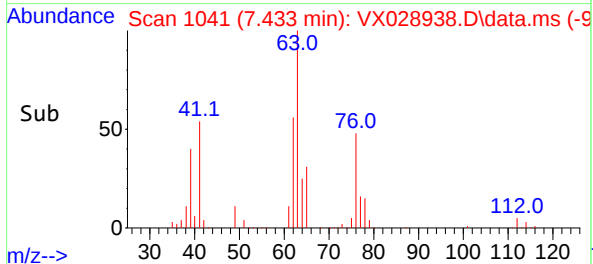
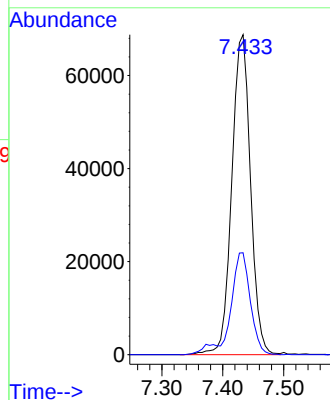
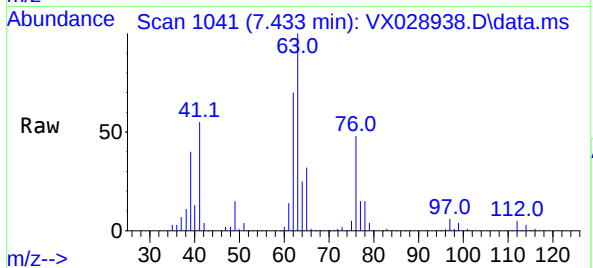
65 31.9 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/26/2022

Supervised By :Mahesh Dadoda 05/26/2022



#46

Dibromomethane

Concen: 53.193 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX028938.D

Acq: 25 May 2022 10:15

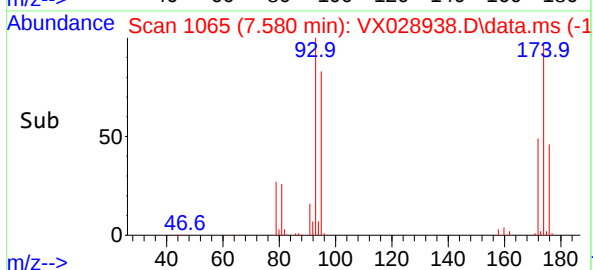
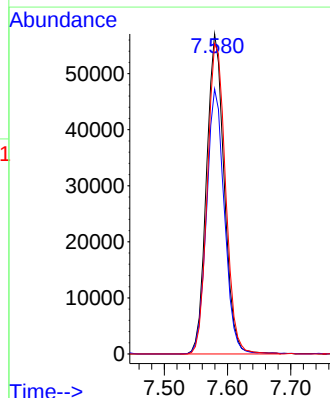
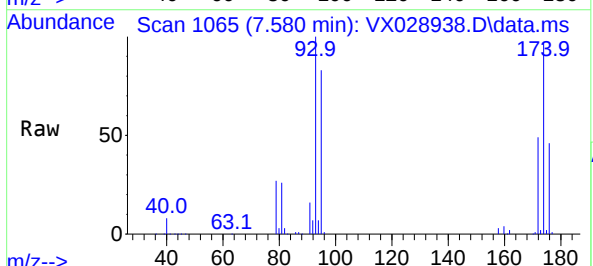
Tgt Ion: 93 Resp: 110975

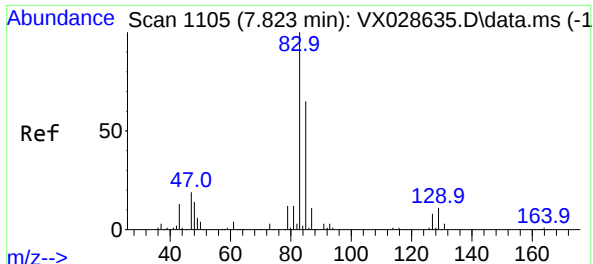
Ion Ratio Lower Upper

93 100

95 83.5 65.8 98.6

174 99.7 85.4 128.2





#47
Bromodichloromethane
Concen: 56.583 ug/l
RT: 7.823 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX028938.D
Acq: 25 May 2022 10:15

Instrument :

MSVOA_X

ClientSampleId :

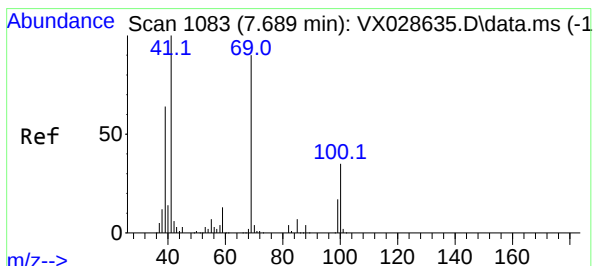
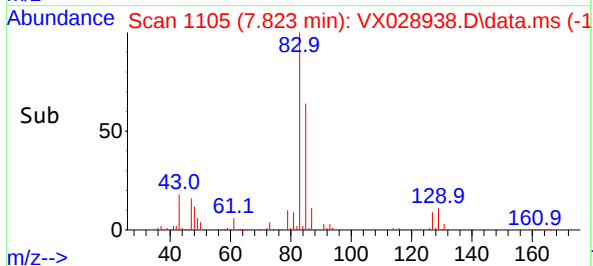
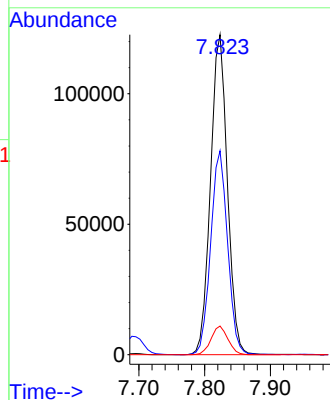
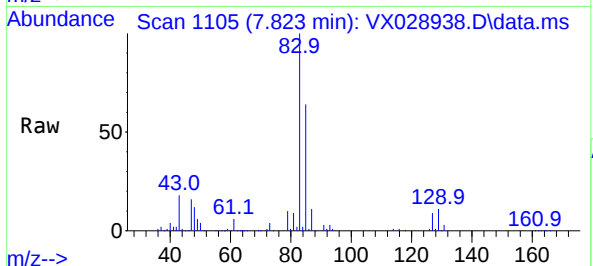
VSTDCCC050

Tgt Ion: 83 Resp: 21916
Ion Ratio Lower Upper
83 100
85 63.7 52.2 78.2
127 9.0 6.8 10.2

Manual Integrations

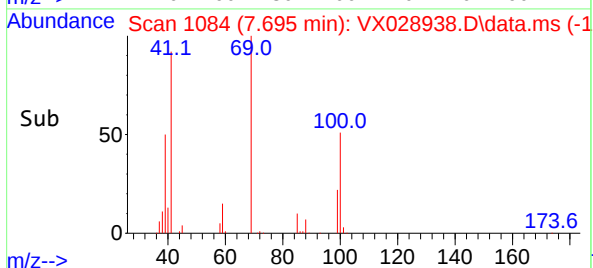
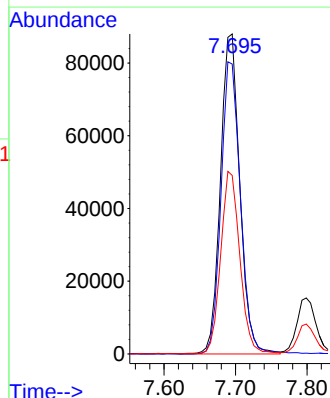
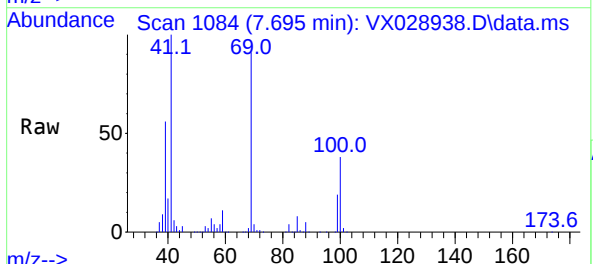
APPROVED

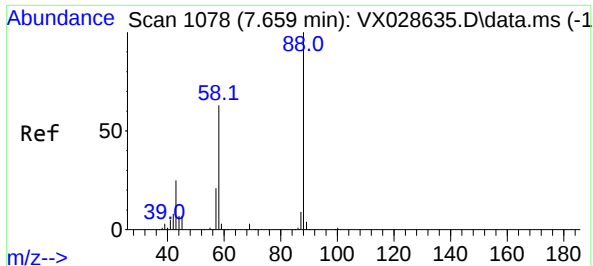
Reviewed By :John Carlone 05/26/2022
Supervised By :Mahesh Dadoda 05/26/2022



#48
Methyl methacrylate
Concen: 53.839 ug/l
RT: 7.695 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX028938.D
Acq: 25 May 2022 10:15

Tgt Ion: 41 Resp: 165574
Ion Ratio Lower Upper
41 100
69 91.8 82.5 123.7
39 56.1 43.8 65.8





#49

1,4-Dioxane

Concen: 960.646 ug/l

RT: 7.665 min Scan# 1078

Delta R.T. 0.006 min

Lab File: VX028938.D

Acq: 25 May 2022 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 7380

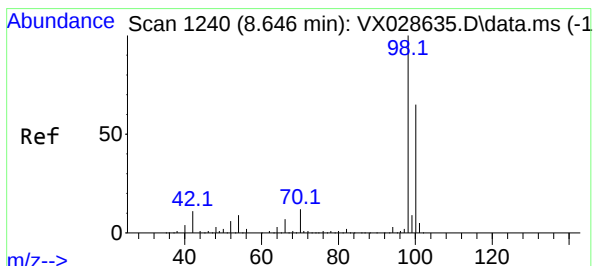
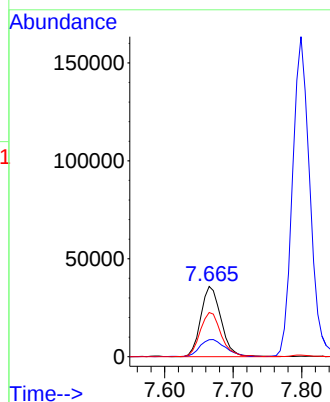
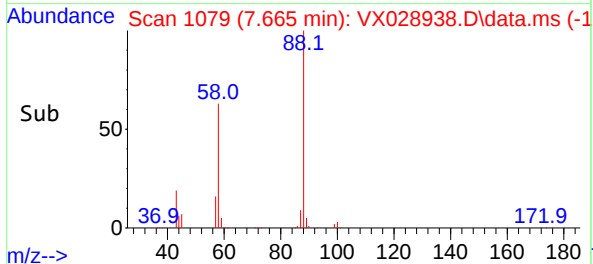
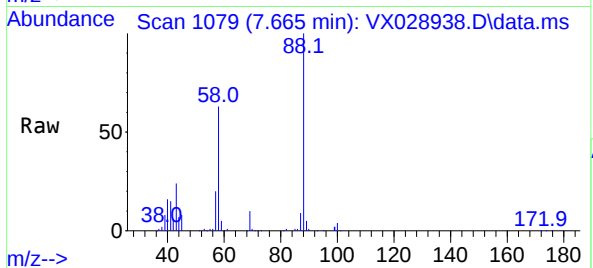
Ion	Ratio	Lower	Upper
88	100		
43	31.5	21.9	32.9
58	65.6	53.7	80.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/26/2022

Supervised By :Mahesh Dadoda 05/26/2022



#50

Toluene-d8

Concen: 49.570 ug/l

RT: 8.652 min Scan# 1241

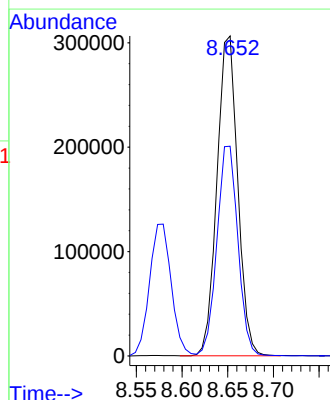
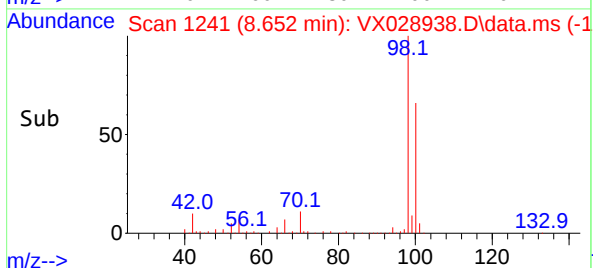
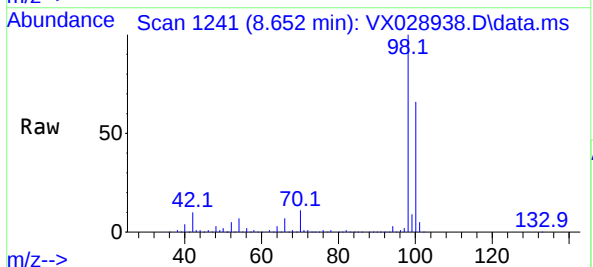
Delta R.T. 0.006 min

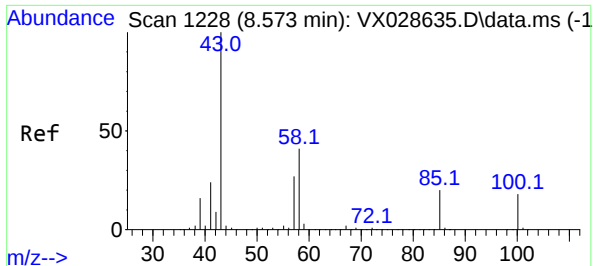
Lab File: VX028938.D

Acq: 25 May 2022 10:15

Tgt Ion: 98 Resp: 484778

Ion	Ratio	Lower	Upper
98	100		
100	66.2	52.6	78.8





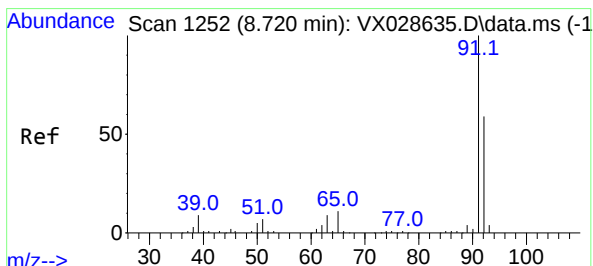
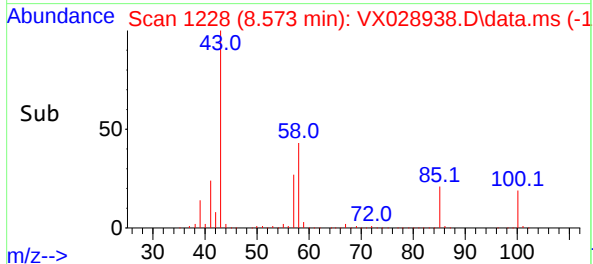
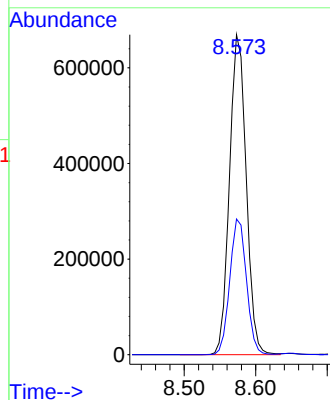
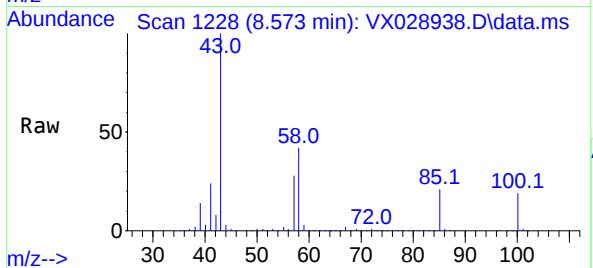
#51
4-Methyl-2-Pentanone
Concen: 259.105 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX028938.D
Acq: 25 May 2022 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 108653
Ion Ratio Lower Upper
43 100
58 42.3 36.1 54.1

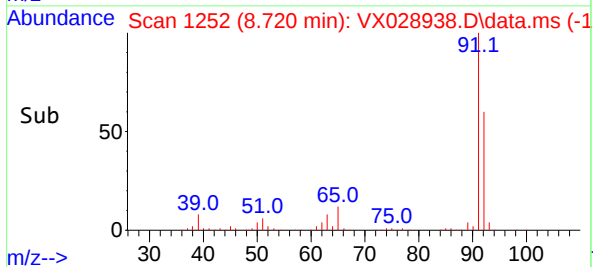
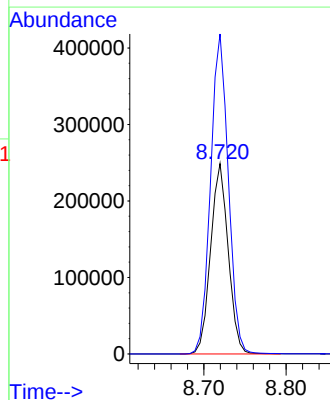
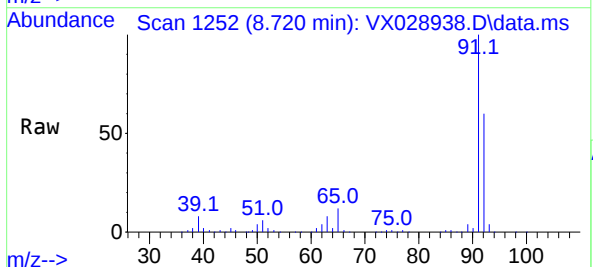
Manual Integrations
APPROVED

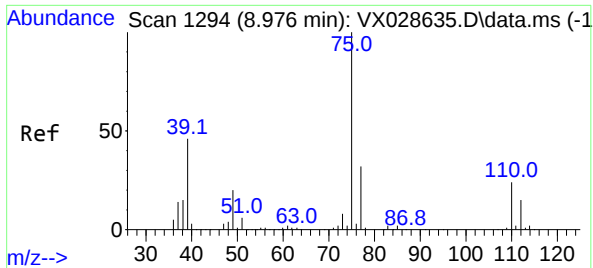
Reviewed By :John Carlone 05/26/2022
Supervised By :Mahesh Dadoda 05/26/2022



#52
Toluene
Concen: 51.344 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX028938.D
Acq: 25 May 2022 10:15

Tgt Ion: 92 Resp: 369825
Ion Ratio Lower Upper
92 100
91 169.7 137.5 206.3





#53

t-1,3-Dichloropropene

Concen: 51.263 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX028938.D

Acq: 25 May 2022 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 22875

Ion Ratio Lower Upper

75 100

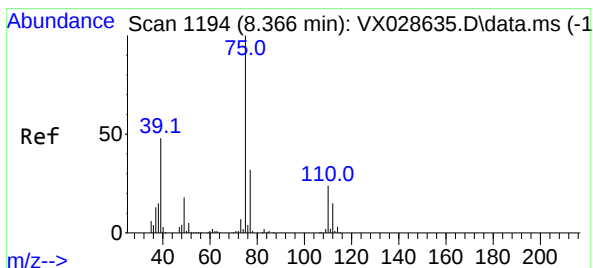
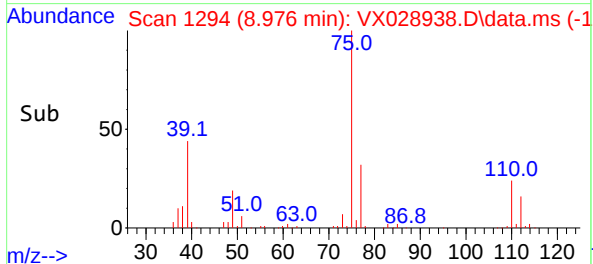
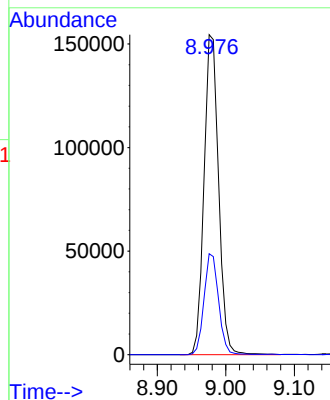
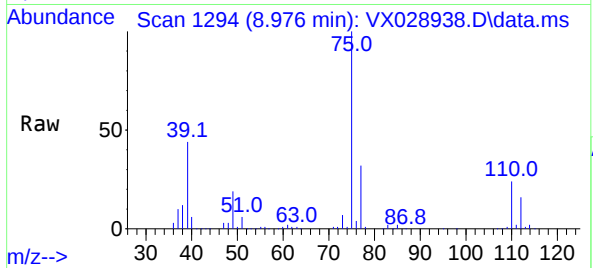
77 31.6 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/26/2022

Supervised By :Mahesh Dadoda 05/26/2022



#54

cis-1,3-Dichloropropene

Concen: 56.711 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX028938.D

Acq: 25 May 2022 10:15

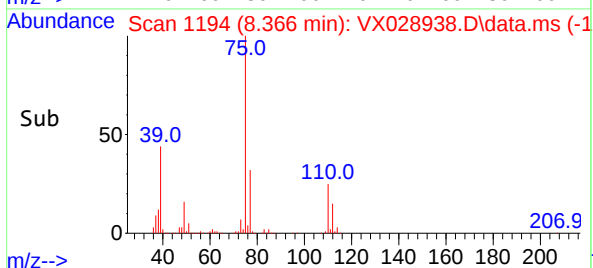
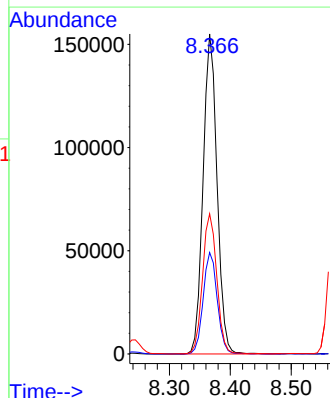
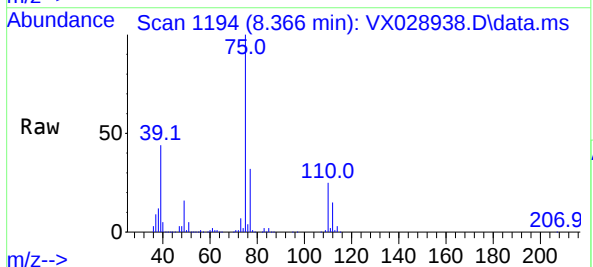
Tgt Ion: 75 Resp: 247164

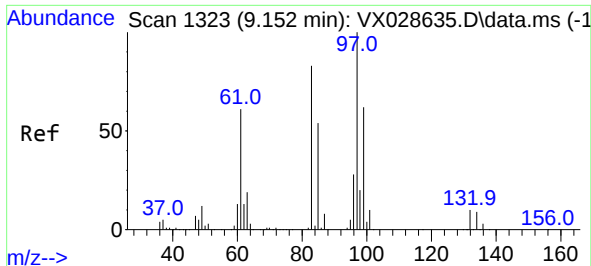
Ion Ratio Lower Upper

75 100

77 31.7 24.8 37.2

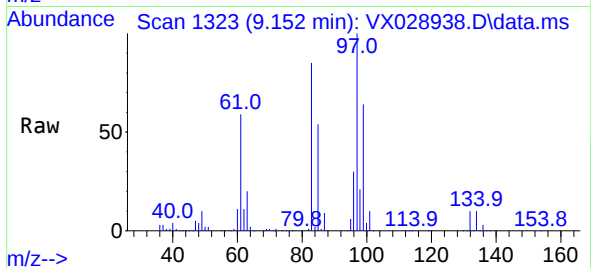
39 43.7 29.6 44.4





#55
1,1,2-Trichloroethane
Concen: 55.211 ug/l
RT: 9.152 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX028938.D
Acq: 25 May 2022 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

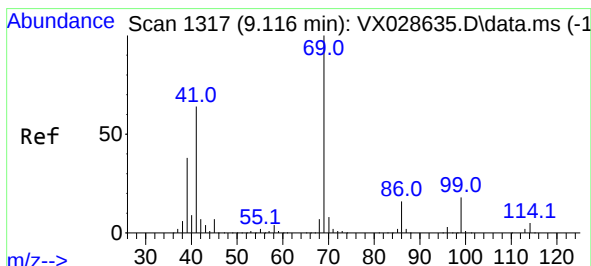
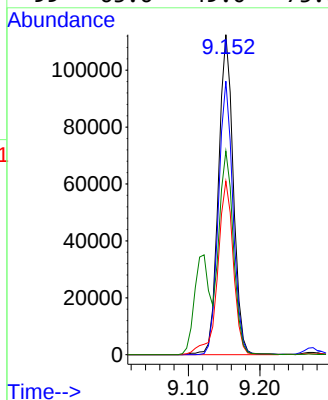
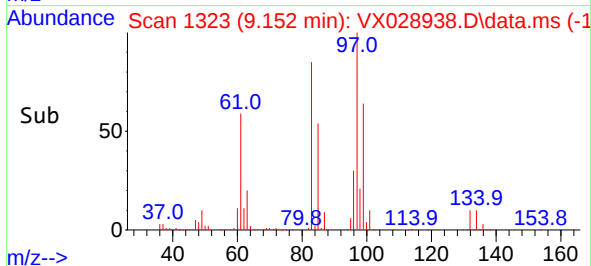


Tgt Ion: 97 Resp: 162160

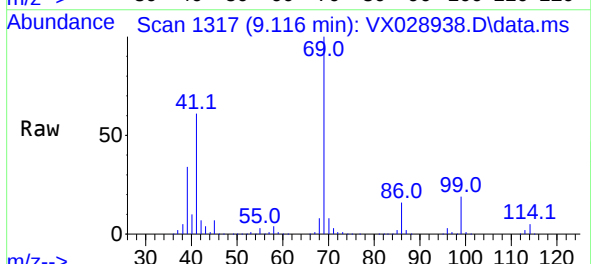
Ion	Ratio	Lower	Upper
97	100		
83	85.5	66.2	99.4
85	54.2	42.9	64.3
99	63.6	49.0	73.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/26/2022
Supervised By :Mahesh Dadoda 05/26/2022

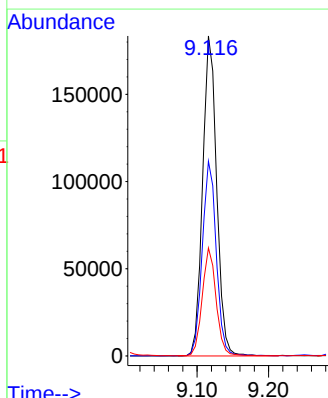
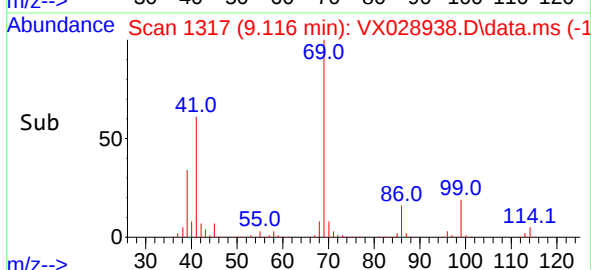


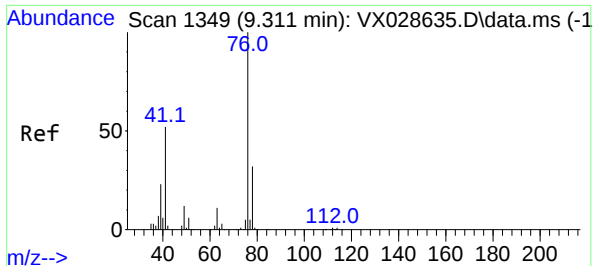
#56
Ethyl methacrylate
Concen: 56.369 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX028938.D
Acq: 25 May 2022 10:15



Tgt Ion: 69 Resp: 250715

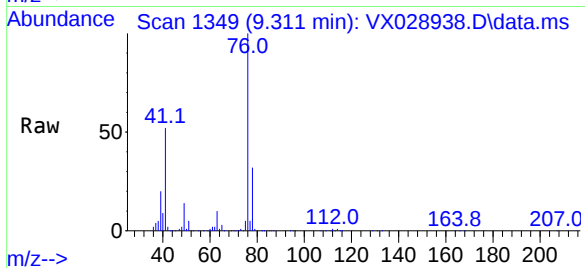
Ion	Ratio	Lower	Upper
69	100		
41	60.7	43.8	65.6
39	33.2	22.2	33.2





#57
1,3-Dichloropropane
Concen: 54.071 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VX028938.D
Acq: 25 May 2022 10:15

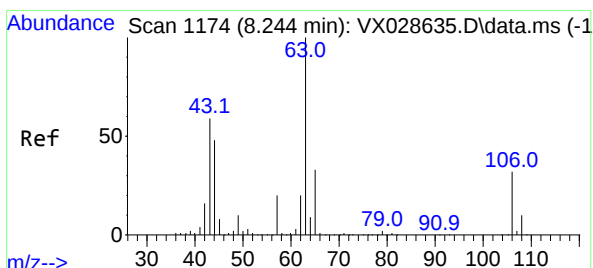
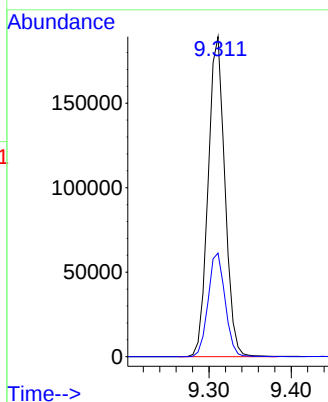
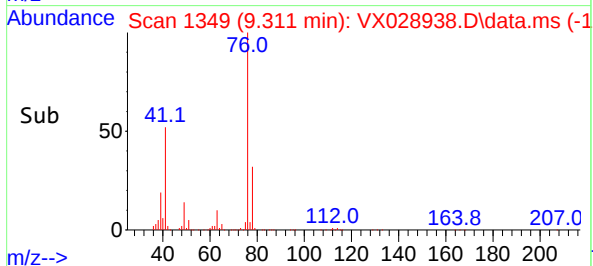
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



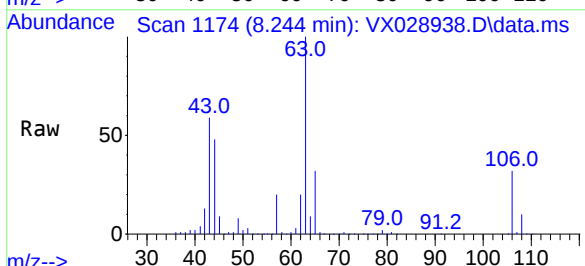
Tgt Ion: 76 Resp: 267862
Ion Ratio Lower Upper
76 100
78 32.8 25.8 38.8

Manual Integrations
APPROVED

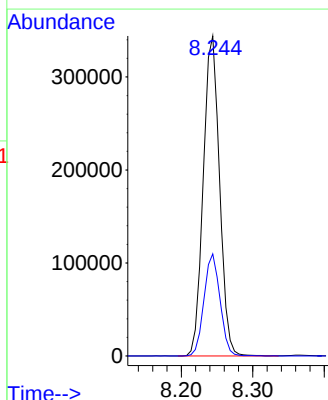
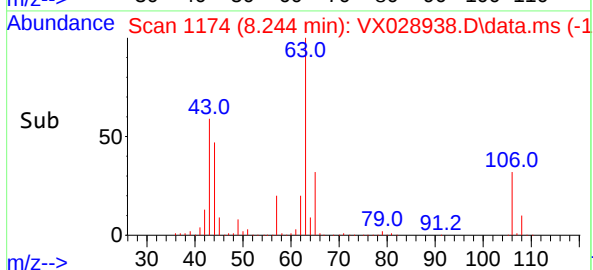
Reviewed By :John Carlone 05/26/2022
Supervised By :Mahesh Dadoda 05/26/2022

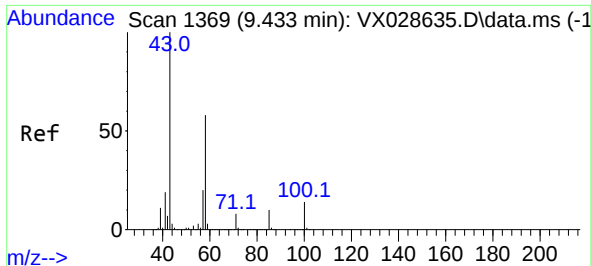


#58
2-Chloroethyl Vinyl ether
Concen: 249.837 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX028938.D
Acq: 25 May 2022 10:15



Tgt Ion: 63 Resp: 544037
Ion Ratio Lower Upper
63 100
106 31.4 23.9 35.9





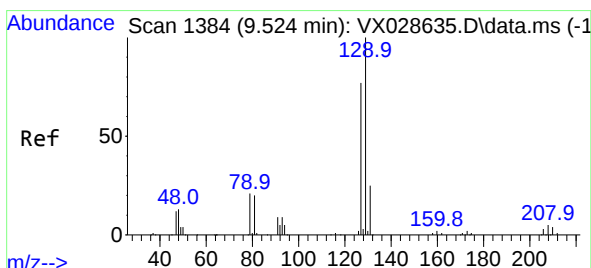
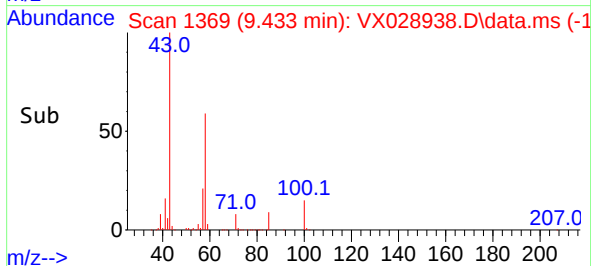
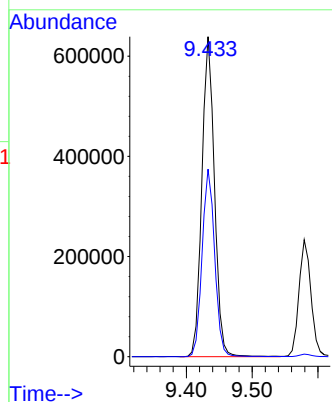
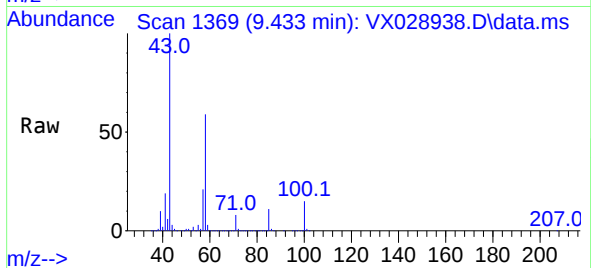
#59
2-Hexanone
Concen: 260.433 ug/l
RT: 9.433 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028938.D
Acq: 25 May 2022 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 84848
Ion Ratio Lower Upper
43 100
58 58.8 31.9 95.7

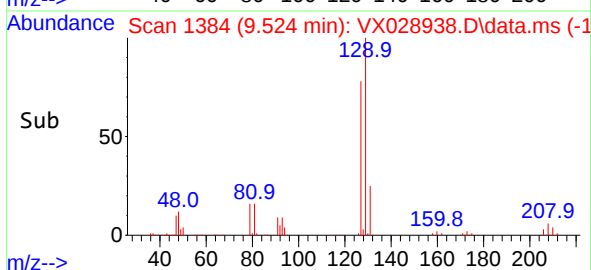
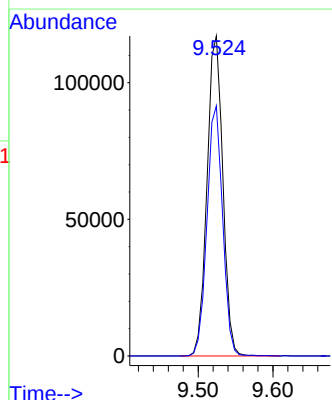
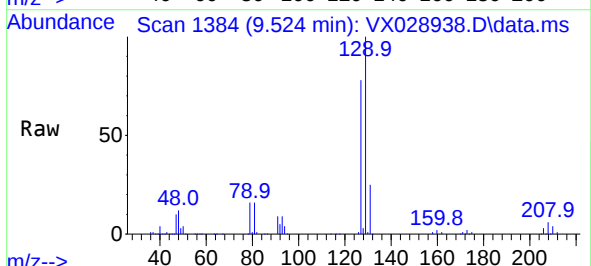
Manual Integrations
APPROVED

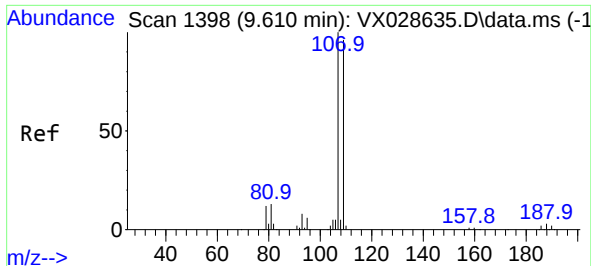
Reviewed By :John Carlone 05/26/2022
Supervised By :Mahesh Dadoda 05/26/2022



#60
Dibromochloromethane
Concen: 60.034 ug/l
RT: 9.524 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX028938.D
Acq: 25 May 2022 10:15

Tgt Ion:129 Resp: 171966
Ion Ratio Lower Upper
129 100
127 77.4 40.3 120.8





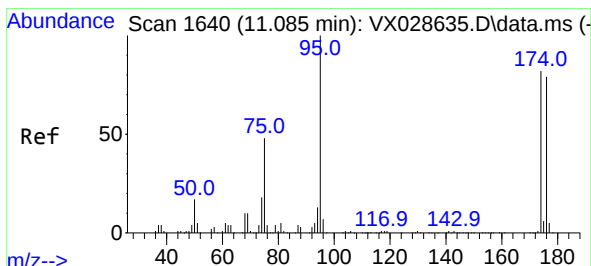
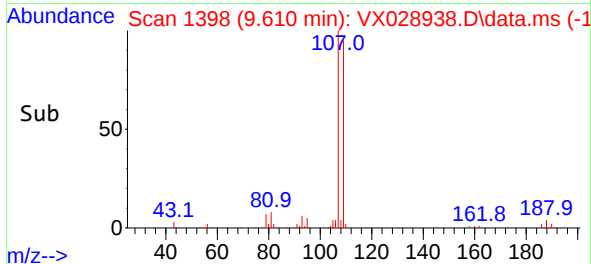
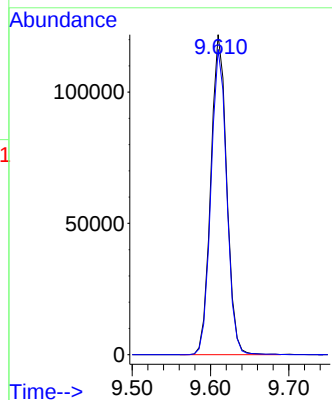
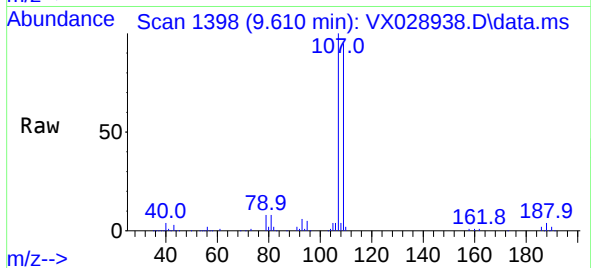
#61
1,2-Dibromoethane
Concen: 55.642 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX028938.D
Acq: 25 May 2022 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 17164
Ion Ratio Lower Upper
107 100
109 94.5 74.4 111.6

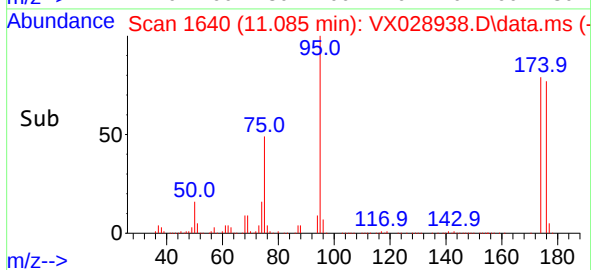
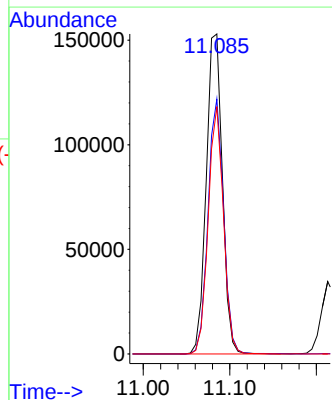
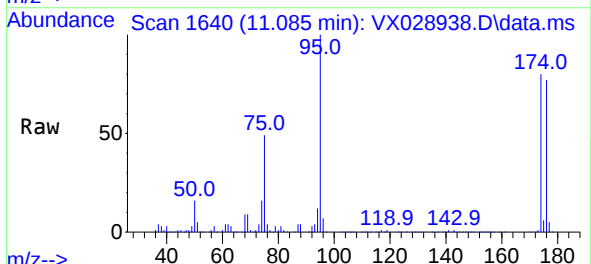
Manual Integrations
APPROVED

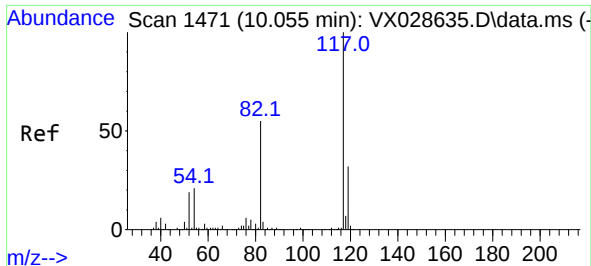
Reviewed By :John Carlone 05/26/2022
Supervised By :Mahesh Dadoda 05/26/2022



#62
4-Bromofluorobenzene
Concen: 54.219 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.000 min
Lab File: VX028938.D
Acq: 25 May 2022 10:15

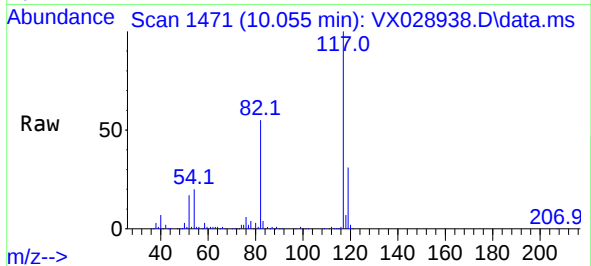
Tgt Ion: 95 Resp: 198047
Ion Ratio Lower Upper
95 100
174 76.9 0.0 163.0
176 73.1 0.0 155.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028938.D
Acq: 25 May 2022 10:15

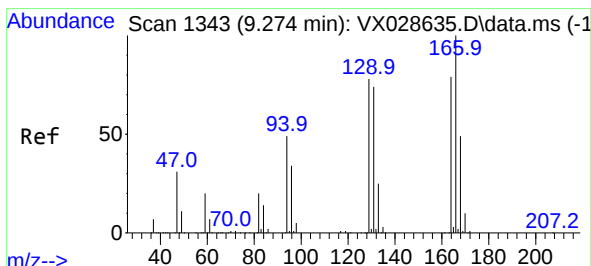
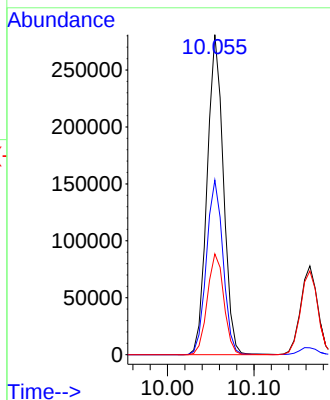
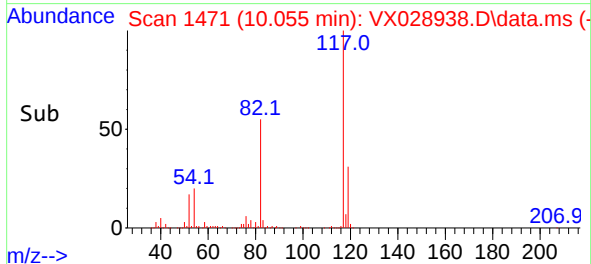
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



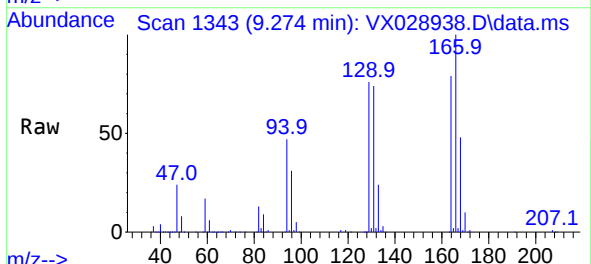
Tgt Ion:117 Resp: 366072
Ion Ratio Lower Upper
117 100
82 54.6 41.8 62.8
119 31.5 24.8 37.2

Manual Integrations
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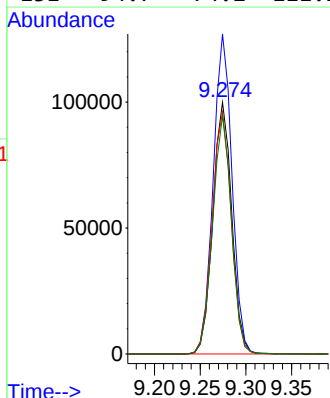
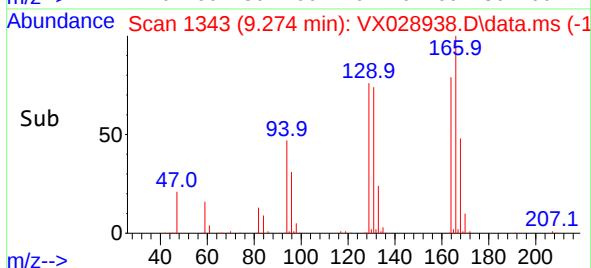
Reviewed By :John Carlone 05/26/2022
Supervised By :Mahesh Dadoda 05/26/2022



#64
Tetrachloroethene
Concen: 52.134 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX028938.D
Acq: 25 May 2022 10:15



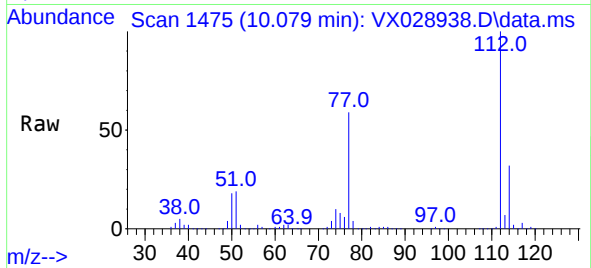
Tgt Ion:164 Resp: 144120
Ion Ratio Lower Upper
164 100
166 127.2 101.2 151.8
129 96.2 73.0 109.4
131 94.7 74.2 111.2





#65
Chlorobenzene
Concen: 52.990 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX028938.D
Acq: 25 May 2022 10:15

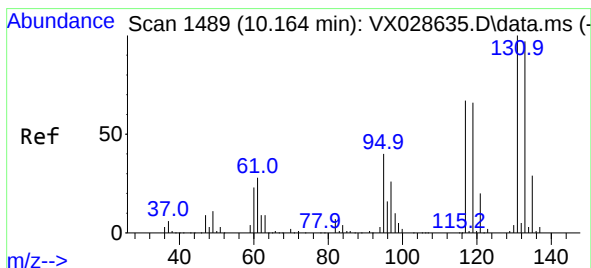
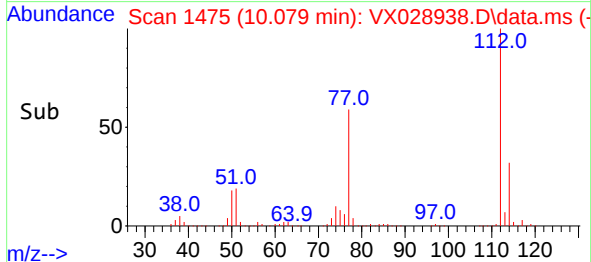
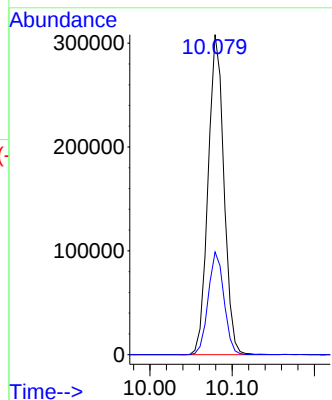
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 411524
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.8

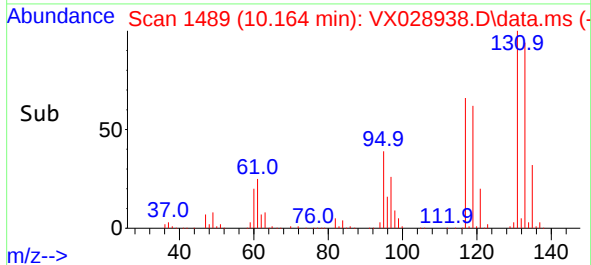
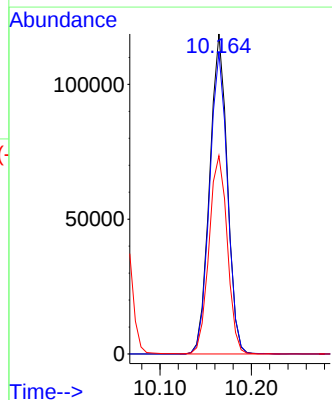
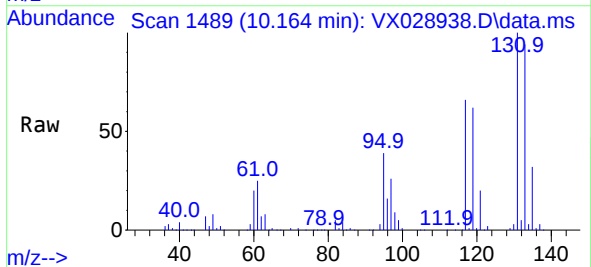
Manual Integrations
APPROVED

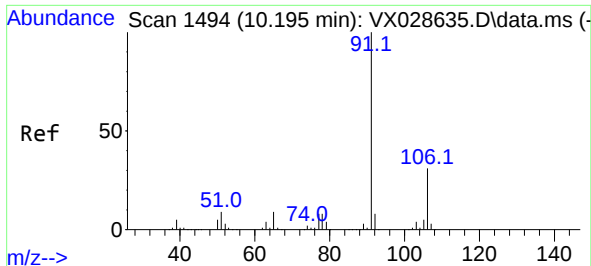
Reviewed By :John Carlone 05/26/2022
Supervised By :Mahesh Dadoda 05/26/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 57.778 ug/l
RT: 10.164 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX028938.D
Acq: 25 May 2022 10:15

Tgt Ion:131 Resp: 158948
Ion Ratio Lower Upper
131 100
133 95.2 48.3 144.8
119 64.1 32.6 98.0





#67

Ethyl Benzene

Concen: 52.250 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX028938.D

Acq: 25 May 2022 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 727308

Ion Ratio Lower Upper

91 100

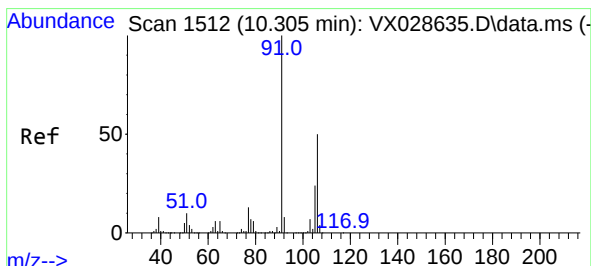
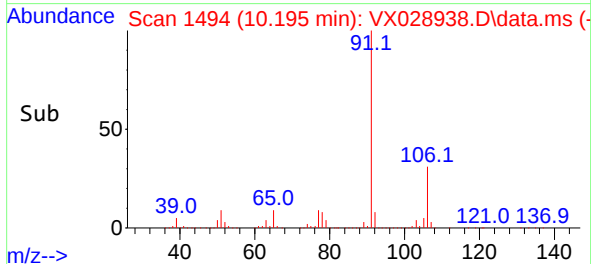
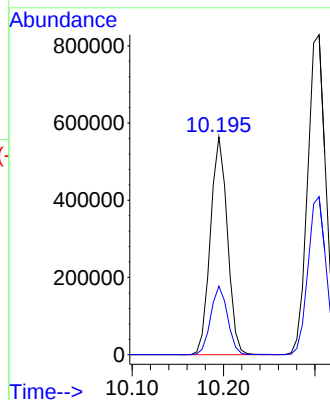
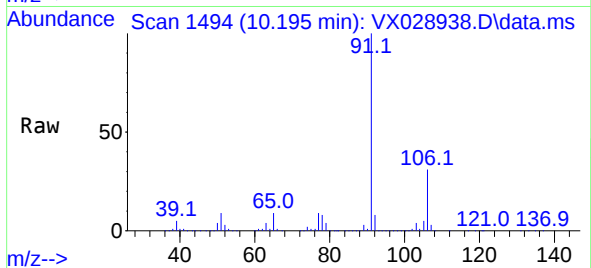
106 31.4 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/26/2022

Supervised By :Mahesh Dadoda 05/26/2022



#68

m/p-Xylenes

Concen: 104.031 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. -0.000 min

Lab File: VX028938.D

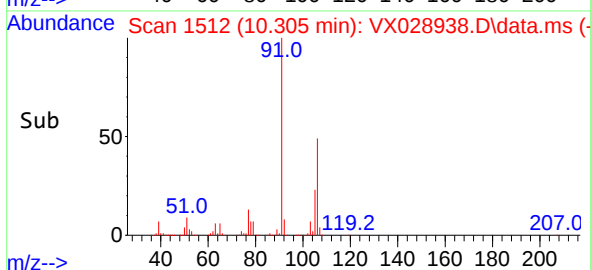
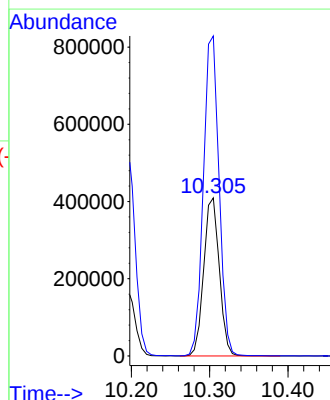
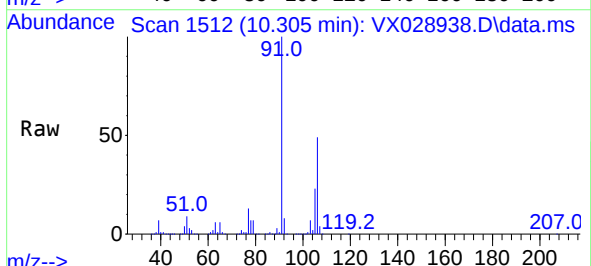
Acq: 25 May 2022 10:15

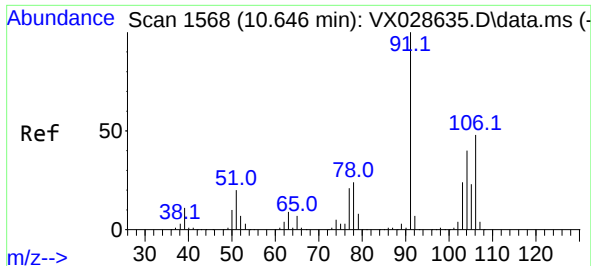
Tgt Ion:106 Resp: 563777

Ion Ratio Lower Upper

106 100

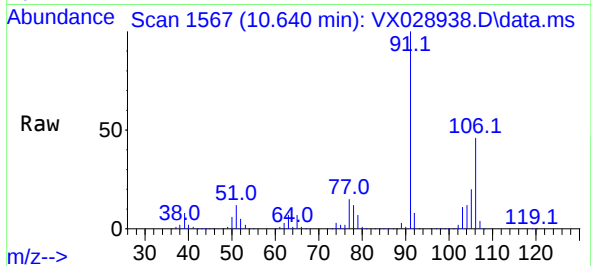
91 203.8 160.4 240.6





#69
o-Xylene
Concen: 53.162 ug/l
RT: 10.640 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VX028938.D
Acq: 25 May 2022 10:15

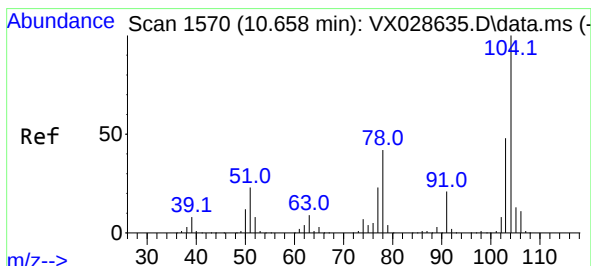
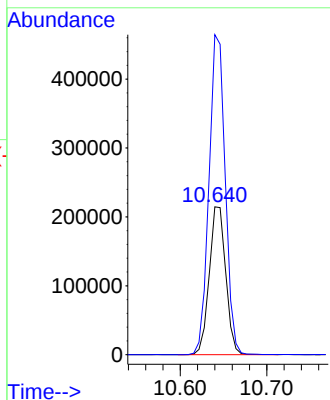
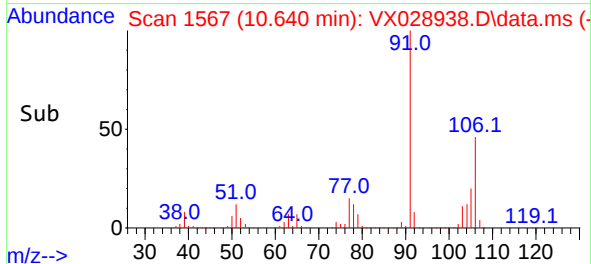
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



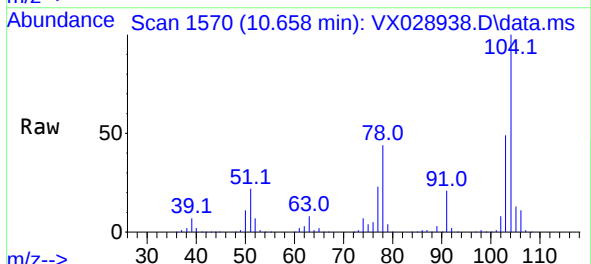
Tgt Ion:106 Resp: 28365
Ion Ratio Lower Upper
106 100
91 213.3 106.1 318.1

Manual Integrations
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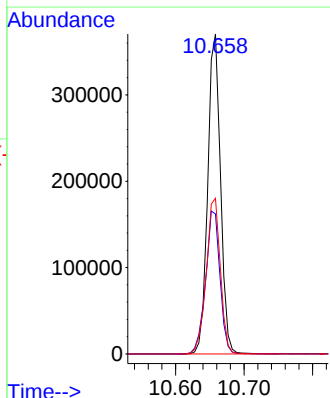
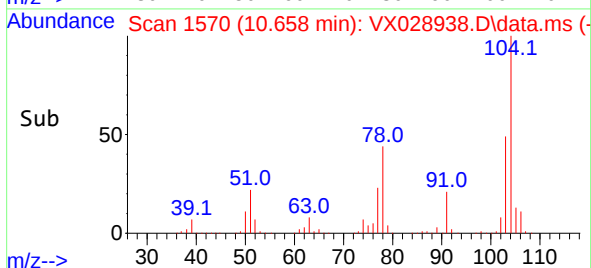
Reviewed By :John Carlone 05/26/2022
Supervised By :Mahesh Dadoda 05/26/2022



#70
Styrene
Concen: 55.532 ug/l
RT: 10.658 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX028938.D
Acq: 25 May 2022 10:15



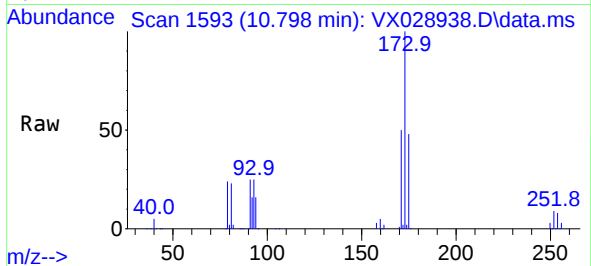
Tgt Ion:104 Resp: 481167
Ion Ratio Lower Upper
104 100
78 50.3 38.6 57.8
103 53.7 43.8 65.8





#71
Bromoform
Concen: 54.472 ug/l
RT: 10.798 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX028938.D
Acq: 25 May 2022 10:15

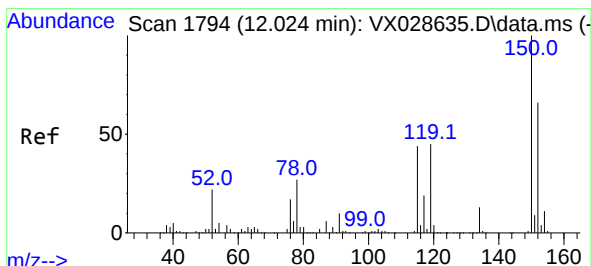
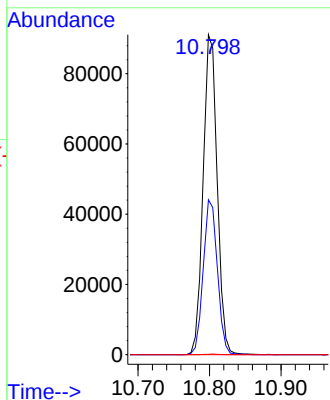
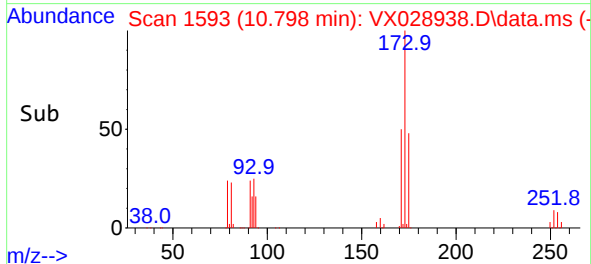
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



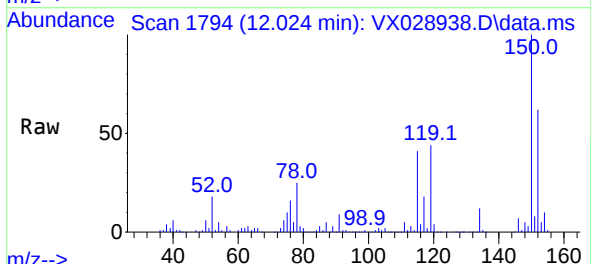
Tgt Ion:173 Resp: 124574
Ion Ratio Lower Upper
173 100
175 48.7 24.1 72.2
254 0.2 0.1 0.1

Manual Integrations
APPROVED

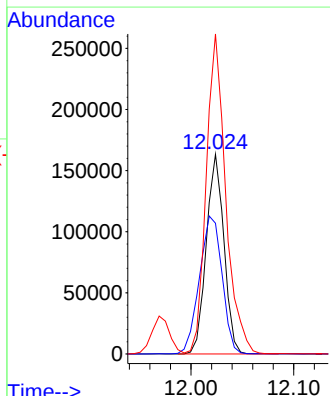
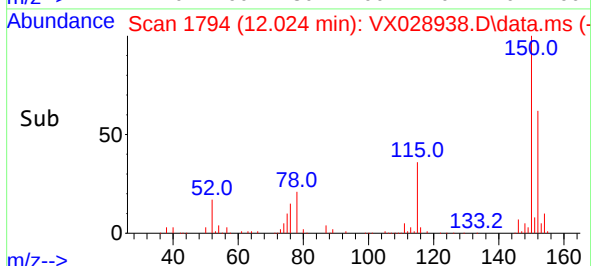
Reviewed By :John Carlone 05/26/2022
Supervised By :Mahesh Dadoda 05/26/2022

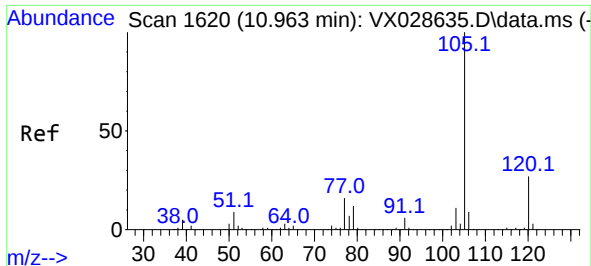


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX028938.D
Acq: 25 May 2022 10:15



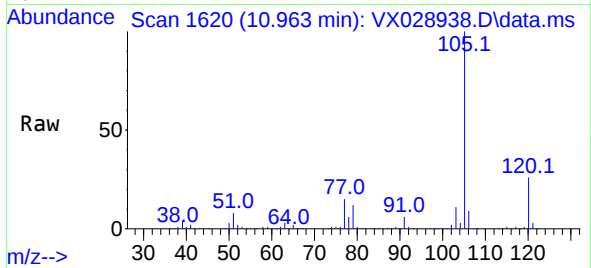
Tgt Ion:152 Resp: 194905
Ion Ratio Lower Upper
152 100
115 89.0 37.5 112.7
150 176.9 0.0 338.2





#73
Isopropylbenzene
Concen: 50.073 ug/l
RT: 10.963 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VX028938.D
Acq: 25 May 2022 10:15

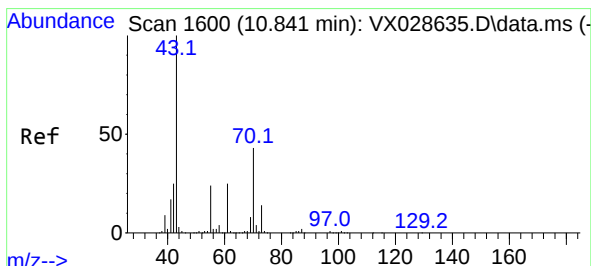
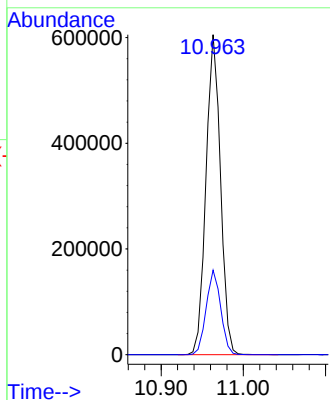
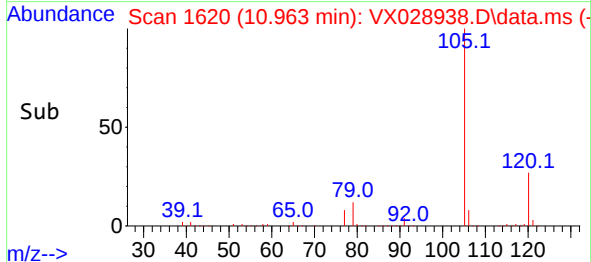
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



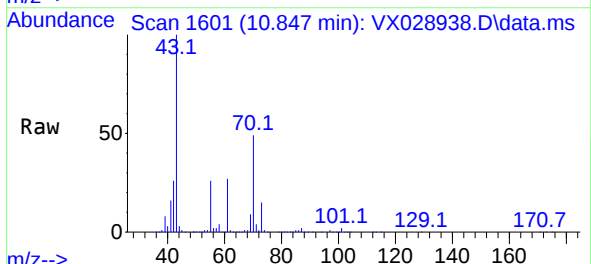
Tgt Ion:105 Resp: 74010
Ion Ratio Lower Upper
105 100
120 26.5 13.5 40.5

Manual Integrations
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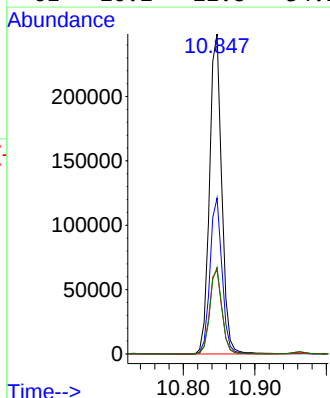
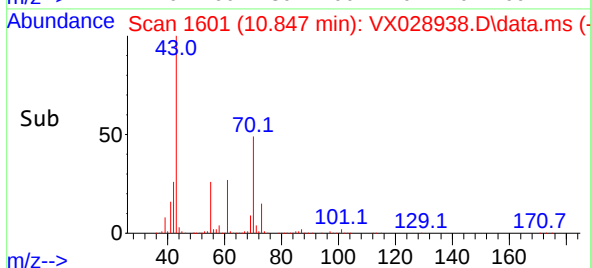
Reviewed By :John Carlone 05/26/2022
Supervised By :Mahesh Dadoda 05/26/2022

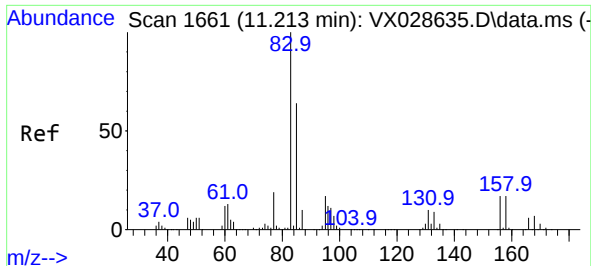


#74
N-ethyl acetate
Concen: 50.811 ug/l
RT: 10.847 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX028938.D
Acq: 25 May 2022 10:15



Tgt Ion: 43 Resp: 295217
Ion Ratio Lower Upper
43 100
70 48.3 42.5 63.7
55 26.7 23.1 34.7
61 26.2 22.8 34.2





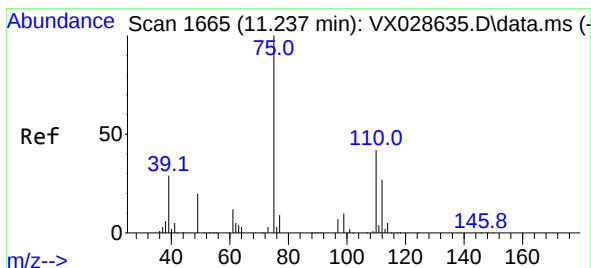
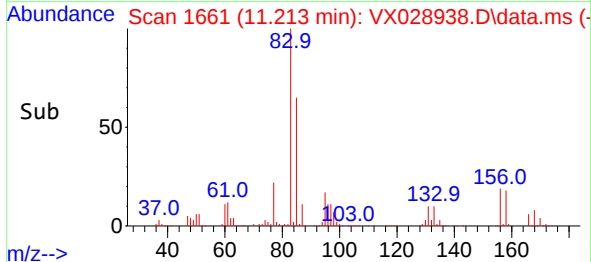
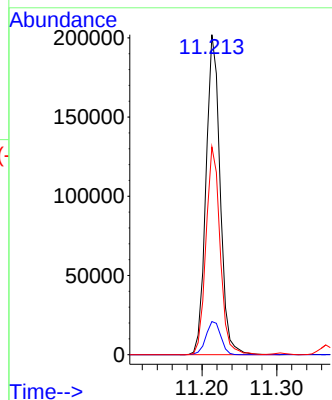
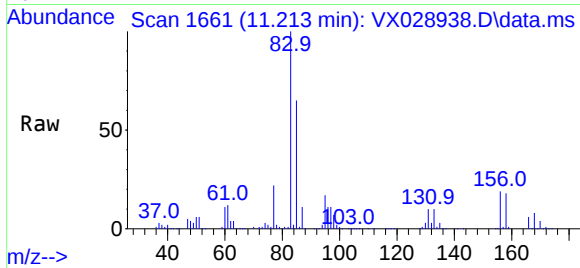
#75
1,1,2,2-Tetrachloroethane
Concen: 52.196 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX028938.D
Acq: 25 May 2022 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 264670
Ion Ratio Lower Upper
83 100
131 10.9 5.1 15.3
85 64.9 32.6 97.7

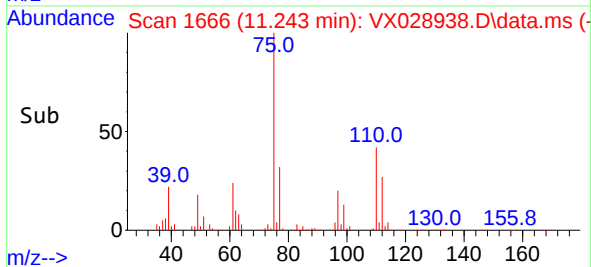
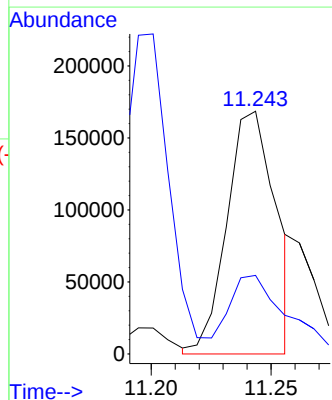
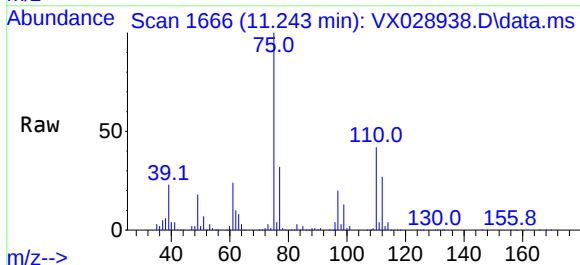
Manual Integrations
APPROVED

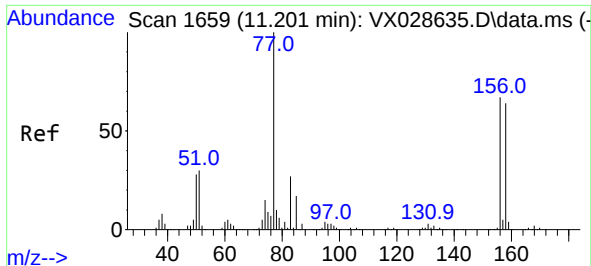
Reviewed By :John Carlone 05/26/2022
Supervised By :Mahesh Dadoda 05/26/2022



#76
1,2,3-Trichloropropane
Concen: 52.434 ug/l m
RT: 11.243 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VX028938.D
Acq: 25 May 2022 10:15

Tgt Ion: 75 Resp: 239335
Ion Ratio Lower Upper
75 100
77 37.9 19.4 58.2





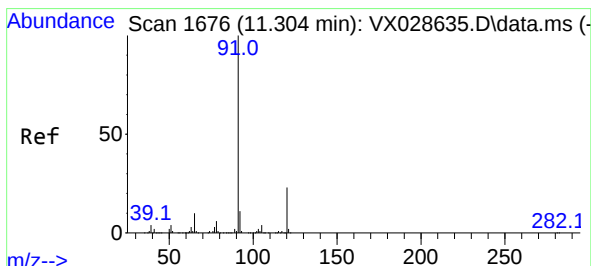
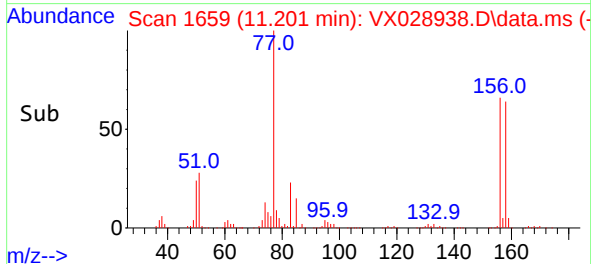
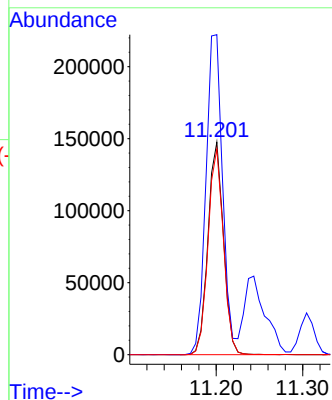
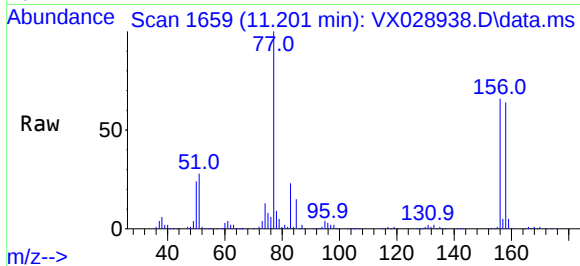
#77
Bromobenzene
Concen: 52.521 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. -0.000 min
Lab File: VX028938.D
Acq: 25 May 2022 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 183680
Ion Ratio Lower Upper
156 100
77 162.1 78.5 235.3
158 96.2 50.2 150.7

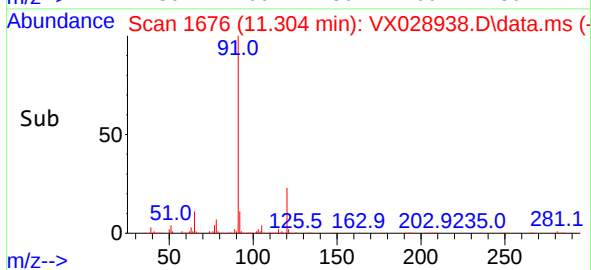
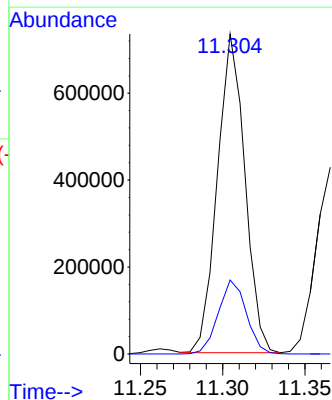
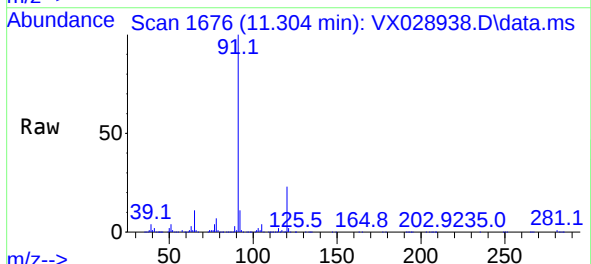
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/26/2022
Supervised By :Mahesh Dadoda 05/26/2022



#78
n-propylbenzene
Concen: 49.875 ug/l
RT: 11.304 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX028938.D
Acq: 25 May 2022 10:15

Tgt Ion: 91 Resp: 852715
Ion Ratio Lower Upper
91 100
120 23.6 11.6 34.8





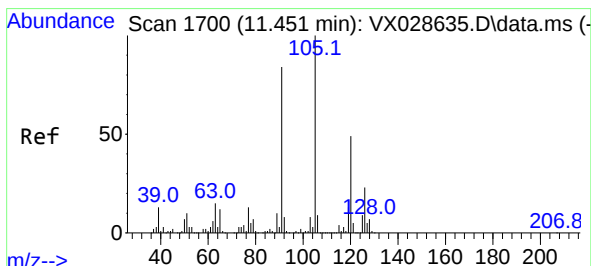
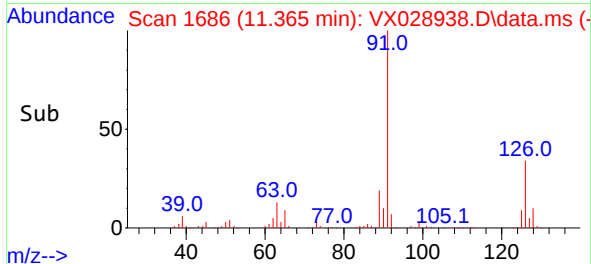
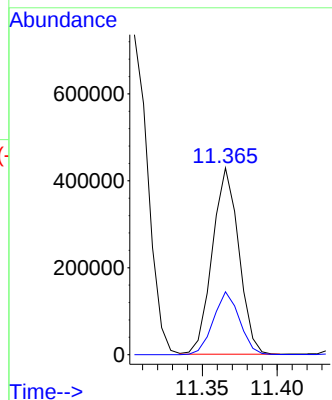
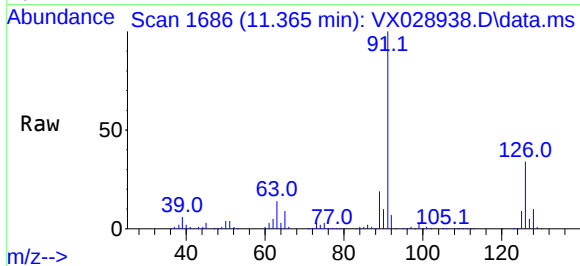
#79
2-Chlorotoluene
Concen: 50.356 ug/l
RT: 11.365 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VX028938.D
Acq: 25 May 2022 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 527674
Ion Ratio Lower Upper
91 100
126 33.4 17.3 51.9

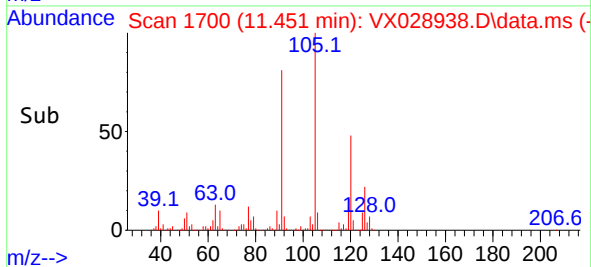
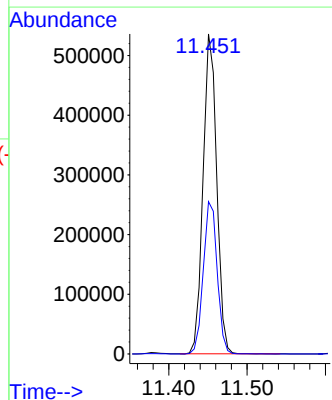
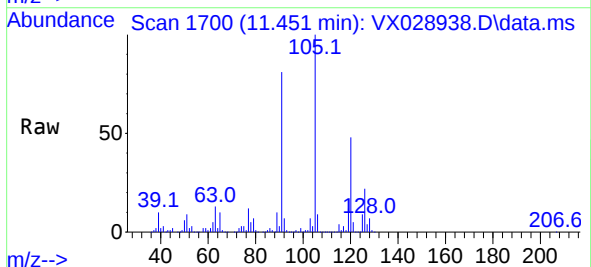
Manual Integrations
APPROVED

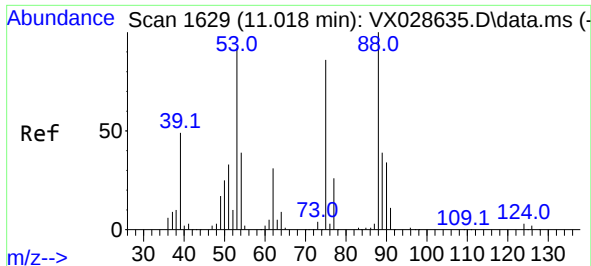
Reviewed By :John Carlone 05/26/2022
Supervised By :Mahesh Dadoda 05/26/2022



#80
1,3,5-Trimethylbenzene
Concen: 52.539 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX028938.D
Acq: 25 May 2022 10:15

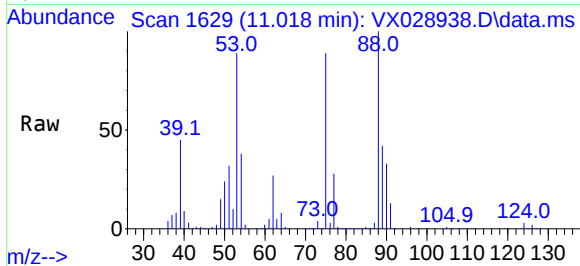
Tgt Ion:105 Resp: 647073
Ion Ratio Lower Upper
105 100
120 48.5 24.3 72.9





#81
trans-1,4-Dichloro-2-butene
Concen: 49.265 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX028938.D
Acq: 25 May 2022 10:15

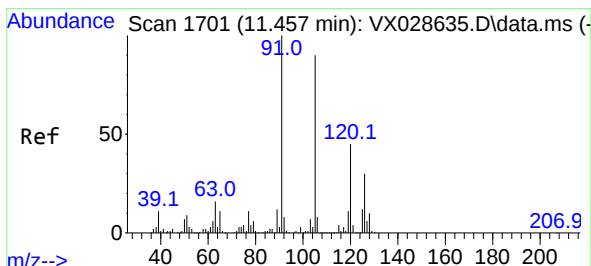
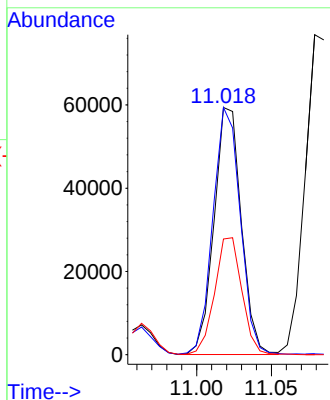
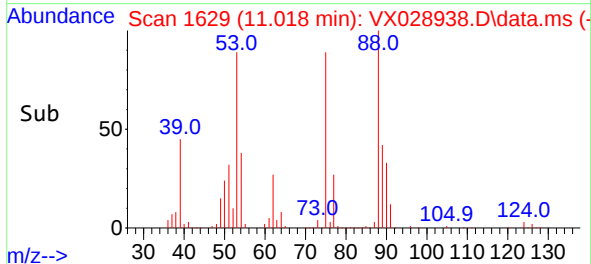
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



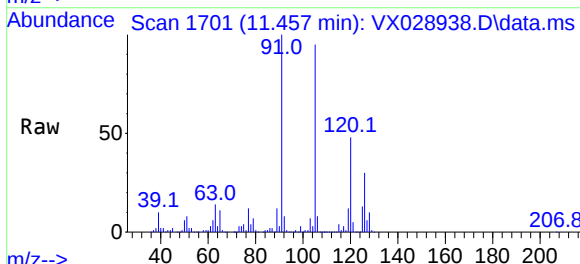
Tgt Ion: 75 Resp: 75284
Ion Ratio Lower Upper
75 100
53 99.7 69.0 103.4
89 47.4 37.0 55.6

Manual Integrations
APPROVED

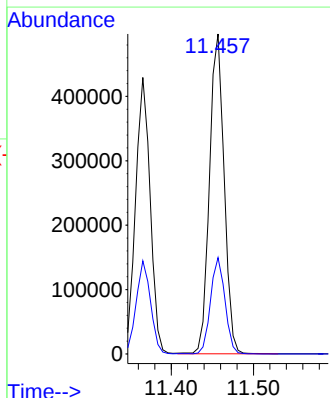
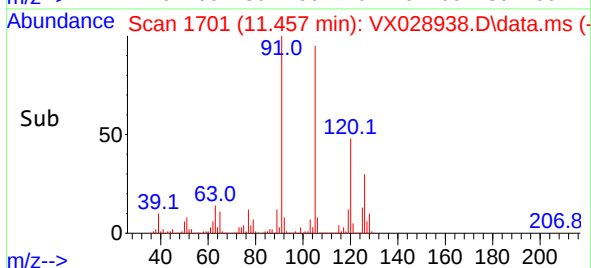
Reviewed By :John Carlone 05/26/2022
Supervised By :Mahesh Dadoda 05/26/2022



#82
4-Chlorotoluene
Concen: 50.919 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX028938.D
Acq: 25 May 2022 10:15



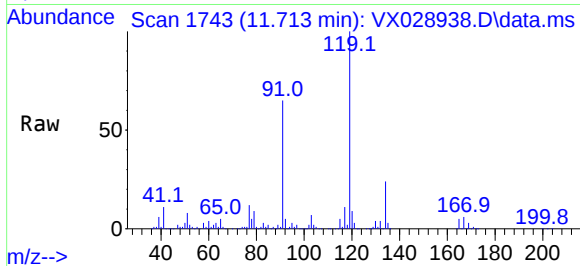
Tgt Ion: 91 Resp: 616844
Ion Ratio Lower Upper
91 100
126 29.7 14.9 44.5





#83
tert-Butylbenzene
Concen: 53.853 ug/l
RT: 11.713 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX028938.D
Acq: 25 May 2022 10:15

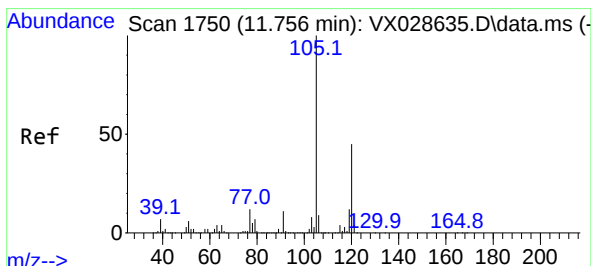
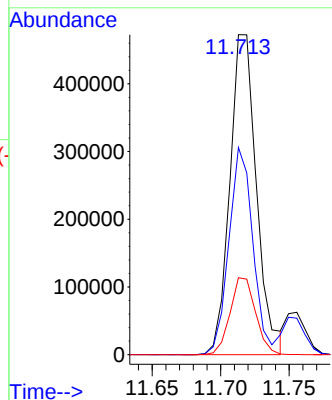
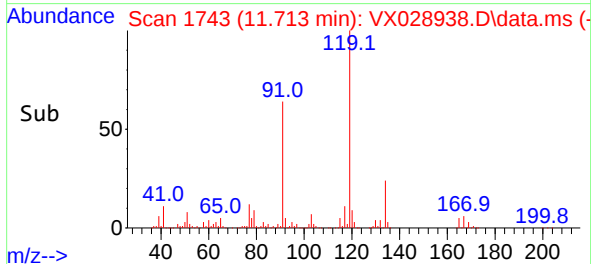
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



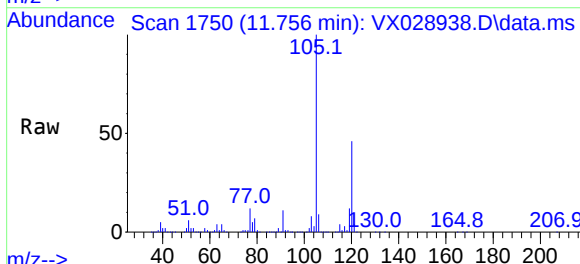
Tgt Ion:119 Resp: 642160
Ion Ratio Lower Upper
119 100
91 58.0 26.9 80.6
134 23.0 11.4 34.2

Manual Integrations
APPROVED

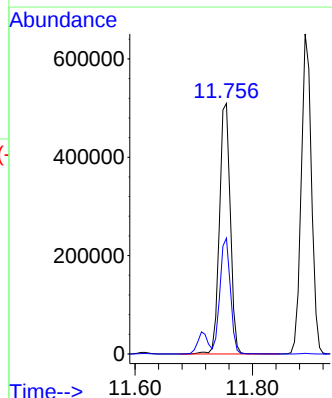
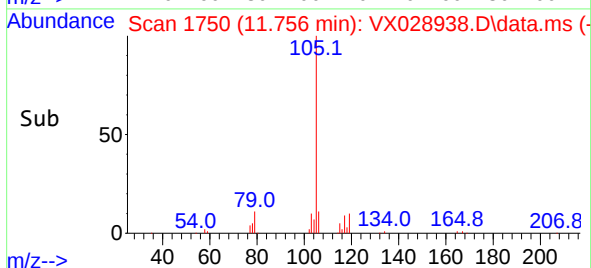
Reviewed By :John Carlone 05/26/2022
Supervised By :Mahesh Dadoda 05/26/2022

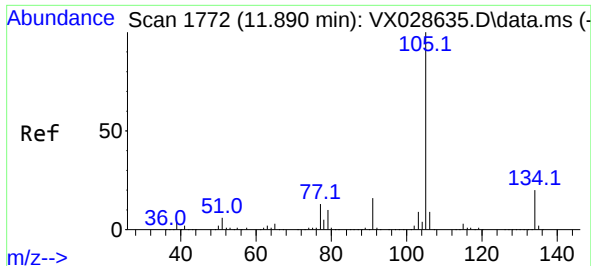


#84
1,2,4-Trimethylbenzene
Concen: 52.611 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX028938.D
Acq: 25 May 2022 10:15



Tgt Ion:105 Resp: 649761
Ion Ratio Lower Upper
105 100
120 44.6 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 53.403 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX028938.D
 Acq: 25 May 2022 10:15

Instrument :

MSVOA_X

ClientSampleId :

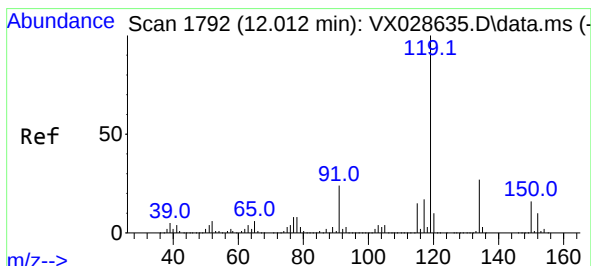
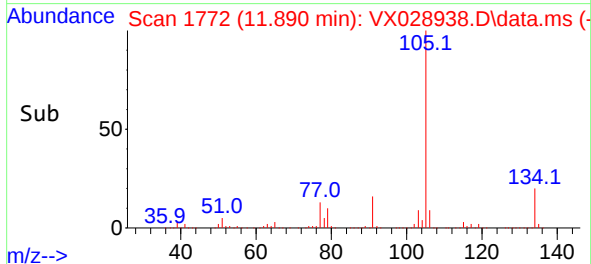
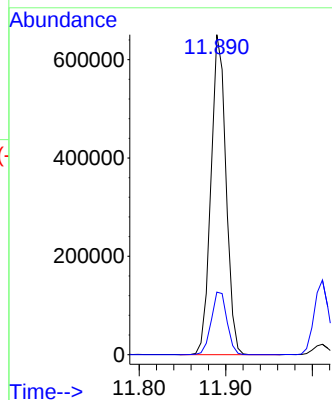
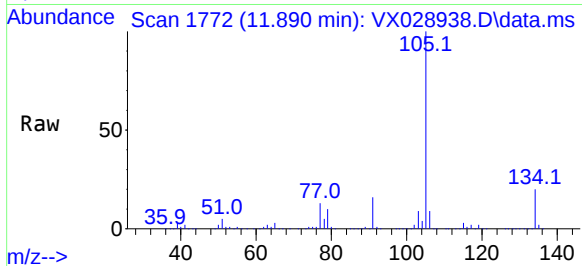
VSTDCCC050

Tgt Ion:105 Resp: 785490
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.2 30.4

Manual Integrations

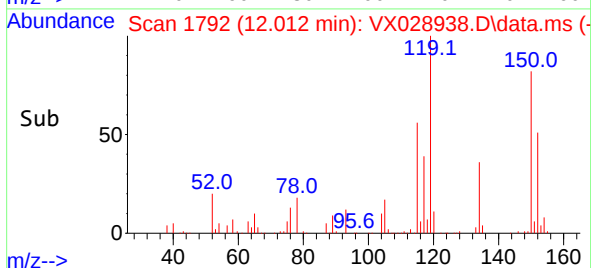
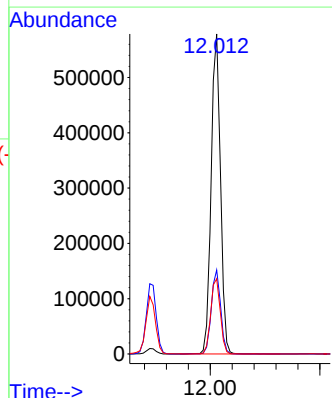
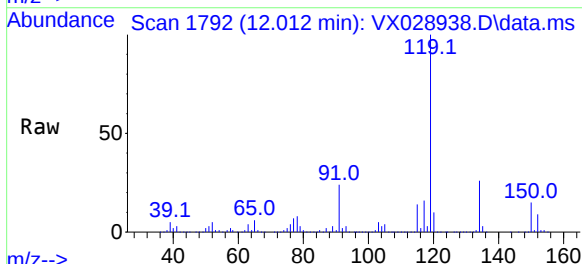
APPROVED

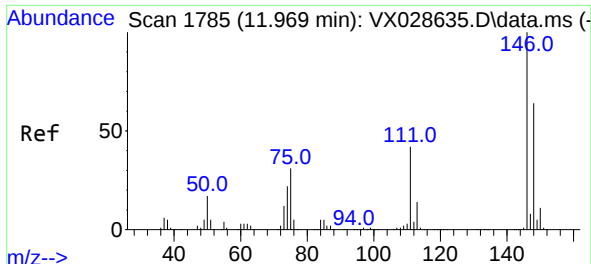
Reviewed By :John Carlone 05/26/2022
 Supervised By :Mahesh Dadoda 05/26/2022



#86
 p-Isopropyltoluene
 Concen: 55.053 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX028938.D
 Acq: 25 May 2022 10:15

Tgt Ion:119 Resp: 679494
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.0 39.0
 91 24.1 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 51.980 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX028938.D

Acq: 25 May 2022 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 35656

Ion Ratio Lower Upper

146 100

111 42.0 19.7 59.1

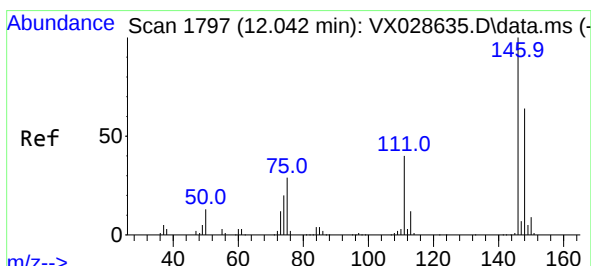
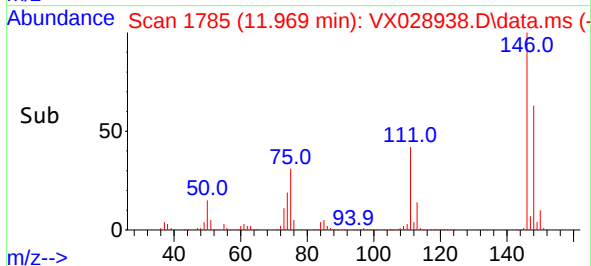
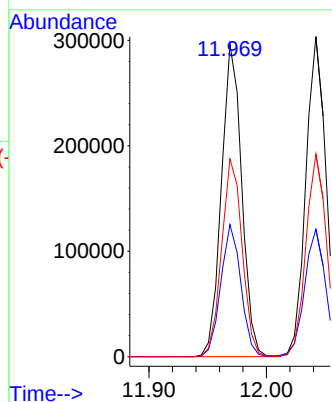
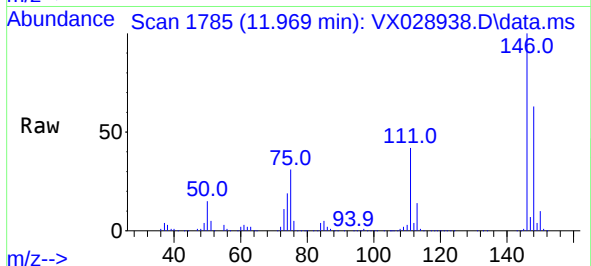
148 63.9 31.6 94.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/26/2022

Supervised By :Mahesh Dadoda 05/26/2022



#88

1,4-Dichlorobenzene

Concen: 51.228 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX028938.D

Acq: 25 May 2022 10:15

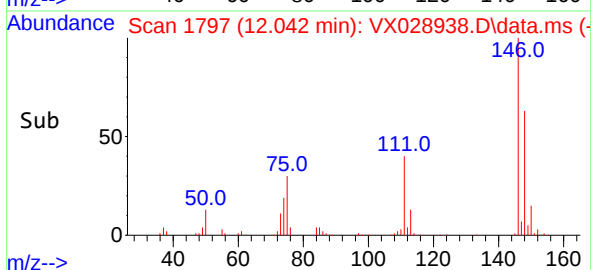
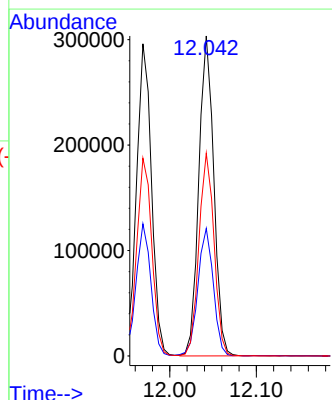
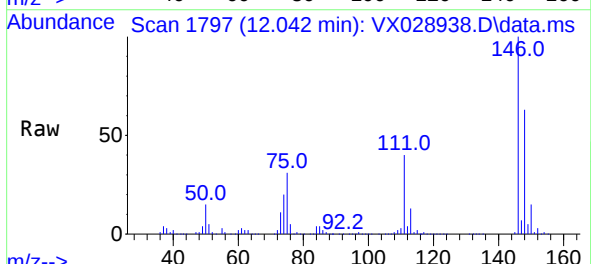
Tgt Ion:146 Resp: 364493

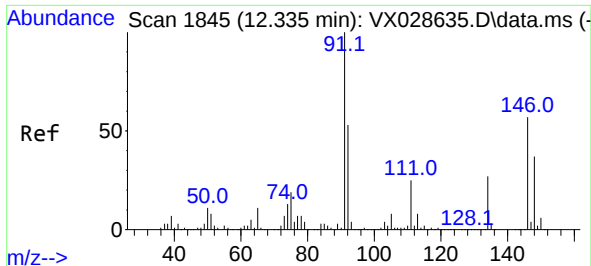
Ion Ratio Lower Upper

146 100

111 41.1 19.2 57.6

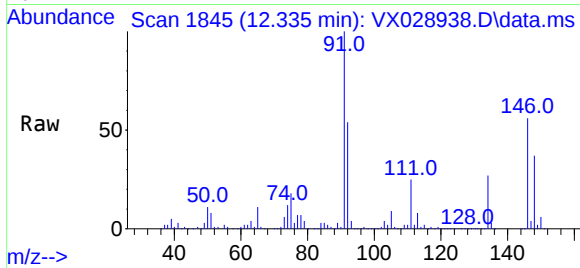
148 64.0 32.3 96.9





#89
n-Butylbenzene
Concen: 54.793 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX028938.D
Acq: 25 May 2022 10:15

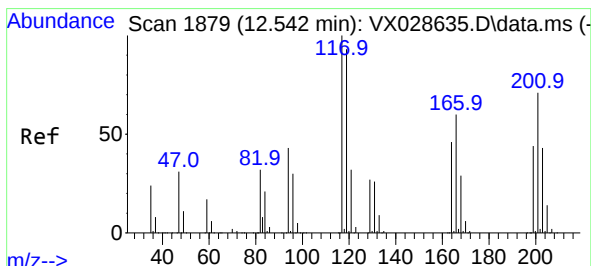
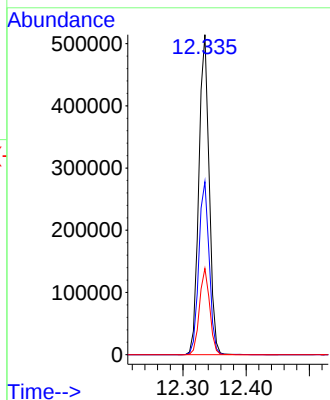
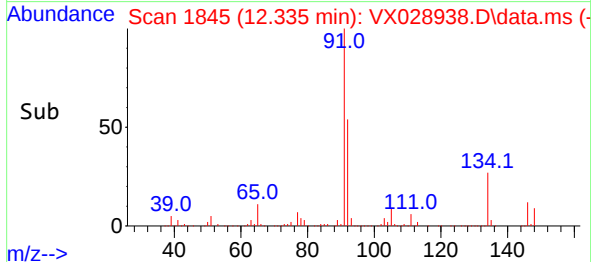
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



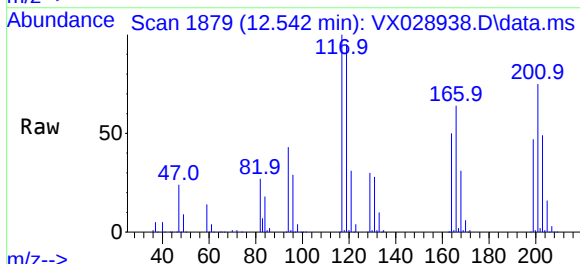
Tgt Ion: 91 Resp: 58596
Ion Ratio Lower Upper
91 100
92 54.3 27.8 83.3
134 26.6 13.3 39.8

Manual Integrations
APPROVED

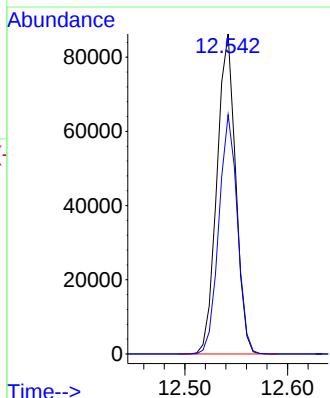
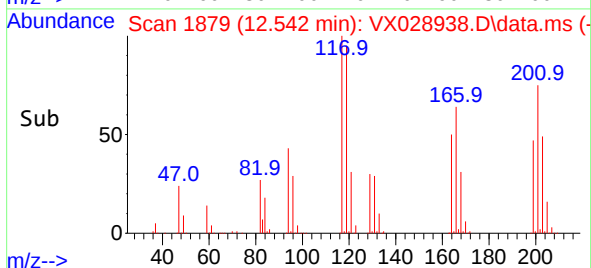
Reviewed By :John Carlone 05/26/2022
Supervised By :Mahesh Dadoda 05/26/2022

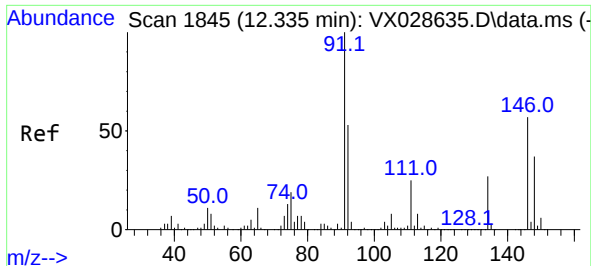


#90
Hexachloroethane
Concen: 54.579 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX028938.D
Acq: 25 May 2022 10:15



Tgt Ion:117 Resp: 108938
Ion Ratio Lower Upper
117 100
201 73.9 39.5 118.5





#91
1,2-Dichlorobenzene
Concen: 53.615 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX028938.D
Acq: 25 May 2022 10:15

Instrument :

MSVOA_X

ClientSampleId :

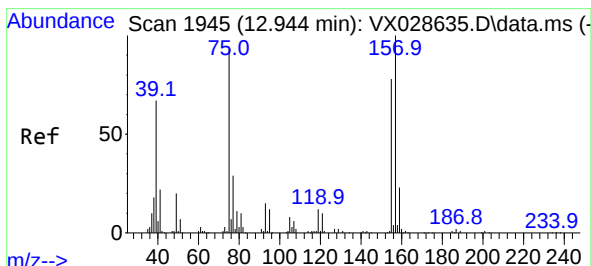
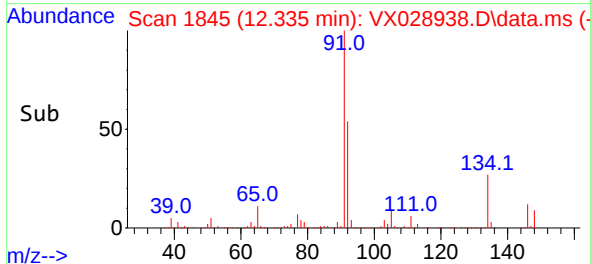
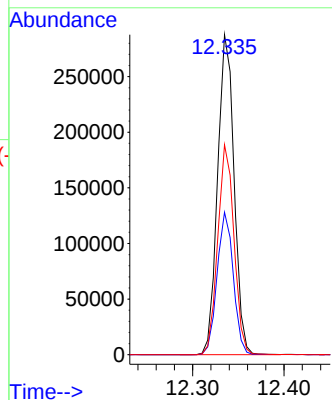
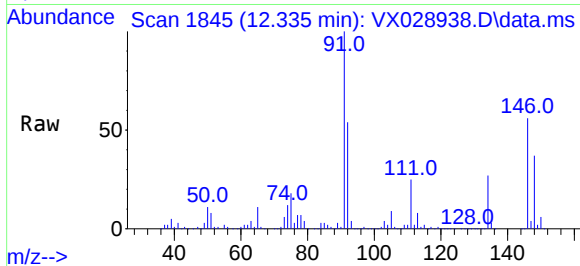
VSTDCCC050

Tgt Ion:146 Resp: 36129
Ion Ratio Lower Upper
146 100
111 43.7 21.0 63.0
148 64.6 32.6 97.7

Manual Integrations

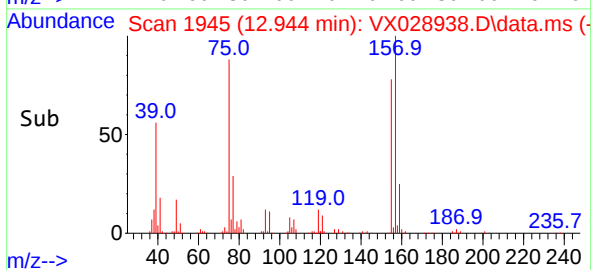
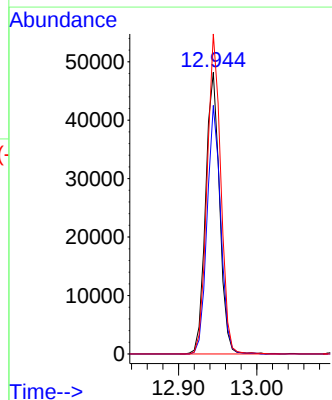
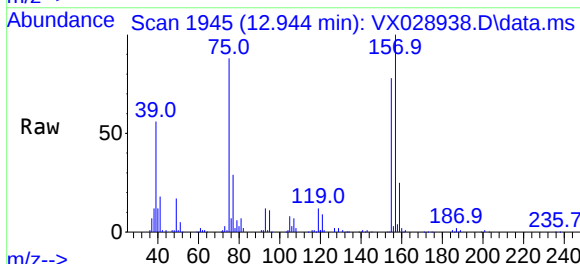
APPROVED

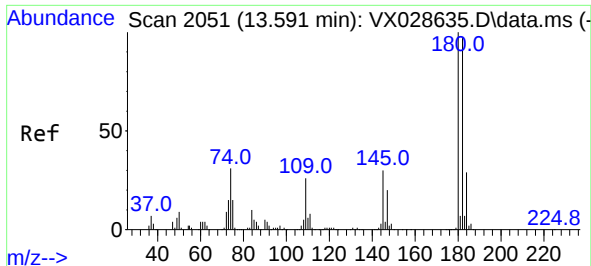
Reviewed By :John Carlone 05/26/2022
Supervised By :Mahesh Dadoda 05/26/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 54.912 ug/l
RT: 12.944 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX028938.D
Acq: 25 May 2022 10:15

Tgt Ion: 75 Resp: 59454
Ion Ratio Lower Upper
75 100
155 85.9 47.0 141.2
157 111.3 57.9 173.6





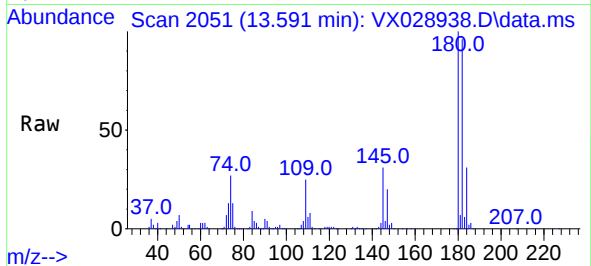
#93
1,2,4-Trichlorobenzene
Concen: 58.895 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX028938.D
Acq: 25 May 2022 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

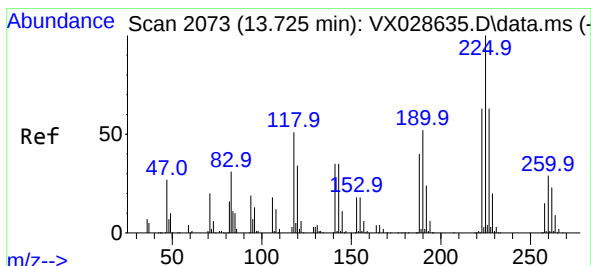
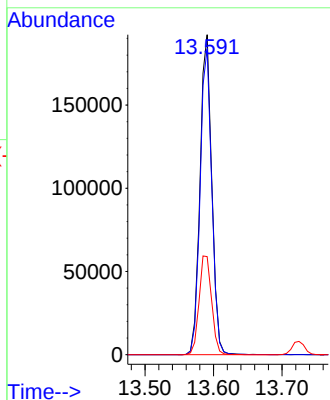
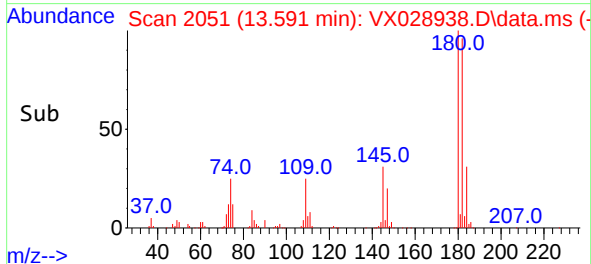


Tgt Ion:180 Resp: 22922
Ion Ratio Lower Upper
180 100
182 95.3 47.7 143.1
145 32.9 15.2 45.5

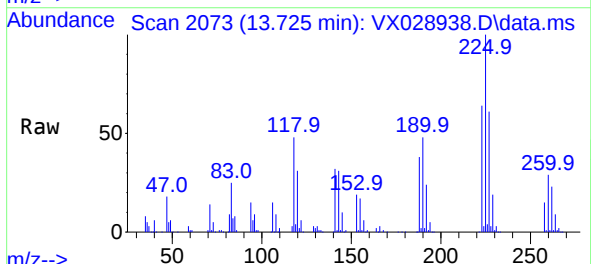
Manual Integrations

APPROVED

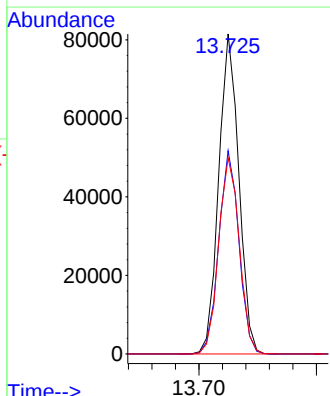
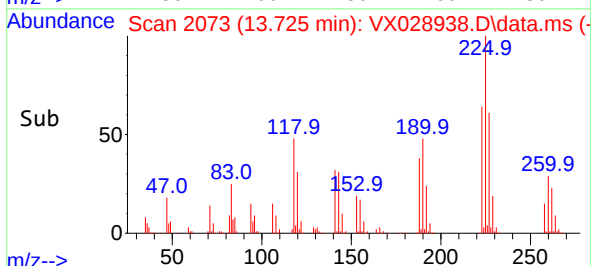
Reviewed By :John Carlone 05/26/2022
Supervised By :Mahesh Dadoda 05/26/2022

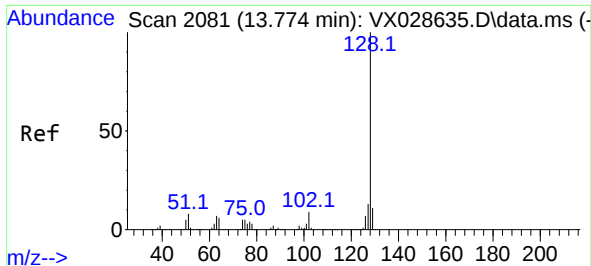


#94
Hexachlorobutadiene
Concen: 61.206 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX028938.D
Acq: 25 May 2022 10:15



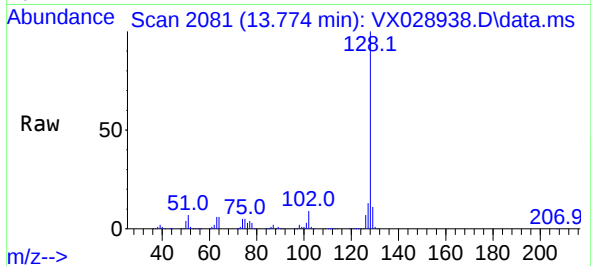
Tgt Ion:225 Resp: 96777
Ion Ratio Lower Upper
225 100
223 63.4 34.2 102.5
227 63.0 33.9 101.7





#95
Naphthalene
Concen: 57.390 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX028938.D
Acq: 25 May 2022 10:15

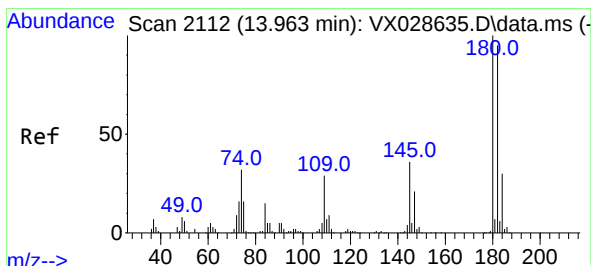
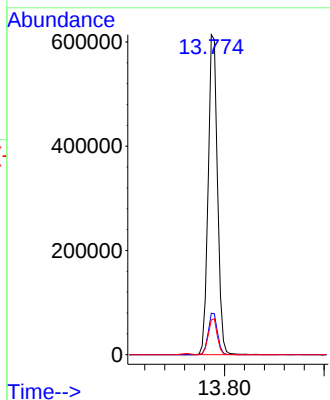
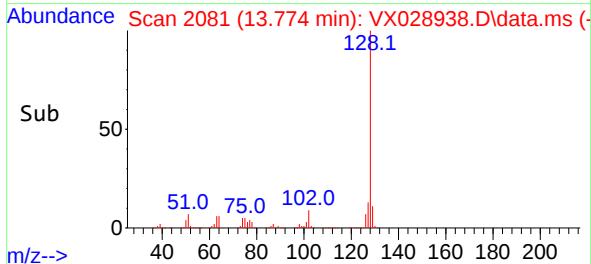
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



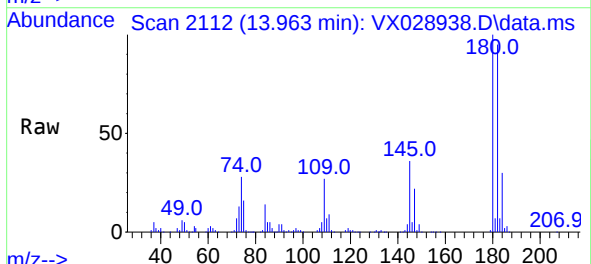
Tgt Ion:128 Resp: 794850
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/26/2022
Supervised By :Mahesh Dadoda 05/26/2022



#96
1,2,3-Trichlorobenzene
Concen: 58.567 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX028938.D
Acq: 25 May 2022 10:15



Tgt Ion:180 Resp: 228940
Ion Ratio Lower Upper
180 100
182 95.5 50.0 149.8
145 35.1 16.2 48.5

