

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112224\
 Data File : VX043975.D
 Acq On : 22 Nov 2024 21:05
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/25/2024
 Supervised By : Mahesh Dadoda 11/25/2024

Quant Time: Nov 22 22:32:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	122980	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	223634	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	188299	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86425	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	109385	51.858	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.720%
35) Dibromofluoromethane	5.379	113	80080	50.113	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.220%
50) Toluene-d8	8.647	98	272032	49.385	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.780%
62) 4-Bromofluorobenzene	11.079	95	93160	49.694	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.380%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	68061	43.686	ug/l	100
3) Chloromethane	1.295	50	74224	45.274	ug/l	97
4) Vinyl Chloride	1.374	62	77794	44.612	ug/l	96
5) Bromomethane	1.593	94	57584	53.679	ug/l	100
6) Chloroethane	1.666	64	50694	47.709	ug/l	100
7) Trichlorofluoromethane	1.868	101	166881	53.528	ug/l	99
8) Diethyl Ether	2.136	74	52774	46.443	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	66870	44.966	ug/l	98
10) Methyl Iodide	2.447	142	87758	47.250	ug/l	97
11) Tert butyl alcohol	3.002	59	72806	215.043	ug/l	98
12) 1,1-Dichloroethene	2.307	96	64902	45.800	ug/l	96
13) Acrolein	2.233	56	77602	217.457	ug/l	97
14) Allyl chloride	2.654	41	113282	48.923	ug/l	98
15) Acrylonitrile	3.069	53	194254	235.443	ug/l	98
16) Acetone	2.386	43	179850	185.644	ug/l	100
17) Carbon Disulfide	2.502	76	127176	43.508	ug/l	98
18) Methyl Acetate	2.703	43	104004	46.099	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	257085	49.964	ug/l	98
20) Methylene Chloride	2.782	84	76764	46.692	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	70023	47.861	ug/l	98
22) Diisopropyl ether	3.758	45	248613	50.212	ug/l	92
23) Vinyl Acetate	3.721	43	1083211	255.744	ug/l	99
24) 1,1-Dichloroethane	3.605	63	142098	49.748	ug/l	100
25) 2-Butanone	4.562	43	278537	222.822	ug/l	100
26) 2,2-Dichloropropane	4.471	77	117521	45.557	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	89489	49.483	ug/l	99
28) Bromochloromethane	4.891	49	63042	50.141	ug/l	98
29) Tetrahydrofuran	5.007	42	175631	229.176	ug/l	99
30) Chloroform	5.087	83	153240	49.881	ug/l	98
31) Cyclohexane	5.458	56	108654	46.218	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	135463	51.132	ug/l	99
36) 1,1-Dichloropropene	5.684	75	96384	48.403	ug/l	99
37) Ethyl Acetate	4.715	43	111838	45.245	ug/l	99
38) Carbon Tetrachloride	5.672	117	109113	48.766	ug/l	99
39) Methylcyclohexane	7.373	83	114556	44.283	ug/l	97
40) Benzene	6.032	78	296066	47.732	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	58876	46.538	ug/l	95
42) 1,2-Dichloroethane	6.080	62	120886	48.527	ug/l	100
43) Isopropyl Acetate	6.342	43	188827	48.002	ug/l	100
44) Trichloroethene	7.123	130	70858	40.354	ug/l	93
45) 1,2-Dichloropropane	7.422	63	73488	48.373	ug/l	100
46) Dibromomethane	7.580	93	57212	47.608	ug/l	100
47) Bromodichloromethane	7.818	83	106111	49.233	ug/l	99
48) Methyl methacrylate	7.690	41	86803	45.987	ug/l	99
49) 1,4-Dioxane	7.665	88	23838	708.970	ug/l #	77
51) 4-Methyl-2-Pentanone	8.574	43	569005	237.028	ug/l	99
52) Toluene	8.714	92	179366	48.314	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	107403	48.867	ug/l	97
54) cis-1,3-Dichloropropene	8.360	75	117473	48.756	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	72401	47.244	ug/l	95
56) Ethyl methacrylate	9.116	69	118682	49.720	ug/l	99
57) 1,3-Dichloropropane	9.305	76	123967	48.020	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	279741	213.469	ug/l	99
59) 2-Hexanone	9.433	43	420948	233.298	ug/l	100
60) Dibromochloromethane	9.519	129	73109	47.547	ug/l	96
61) 1,2-Dibromoethane	9.610	107	76113	49.118	ug/l	98
64) Tetrachloroethene	9.269	164	57495	46.307	ug/l	93
65) Chlorobenzene	10.080	112	197185	47.680	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	66254	49.398	ug/l	99
67) Ethyl Benzene	10.189	91	341272	48.699	ug/l	98
68) m/p-Xylenes	10.299	106	259471	99.287	ug/l	99
69) o-Xylene	10.640	106	127383	49.924	ug/l	96
70) Styrene	10.653	104	215795	51.134	ug/l	98
71) Bromoform	10.799	173	45026	44.579	ug/l #	99
73) Isopropylbenzene	10.957	105	327150	49.244	ug/l	100
74) N-amyl acetate	10.842	43	158903	51.633	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.214	83	112173	49.312	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	94567m	49.896	ug/l	
77) Bromobenzene	11.195	156	76053	47.990	ug/l	97
78) n-propylbenzene	11.305	91	379686	51.172	ug/l	99
79) 2-Chlorotoluene	11.360	91	231439	49.328	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	277669	50.803	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	30621	44.087	ug/l	95
82) 4-Chlorotoluene	11.451	91	265745	50.170	ug/l	100
83) tert-Butylbenzene	11.713	119	275078	50.777	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	274500	50.446	ug/l	99
85) sec-Butylbenzene	11.890	105	325633	49.060	ug/l	99
86) p-Isopropyltoluene	12.006	119	271259	50.312	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	135787	47.044	ug/l	99
88) 1,4-Dichlorobenzene	12.037	146	137836	46.839	ug/l	97
89) n-Butylbenzene	12.329	91	240255	50.543	ug/l	99
90) Hexachloroethane	12.536	117	44170	48.179	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	139290	47.819	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	21512	47.196	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	80863	47.087	ug/l	100
94) Hexachlorobutadiene	13.725	225	29838	43.962	ug/l	99
95) Naphthalene	13.774	128	311837	50.444	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	87371	50.266	ug/l	97

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

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

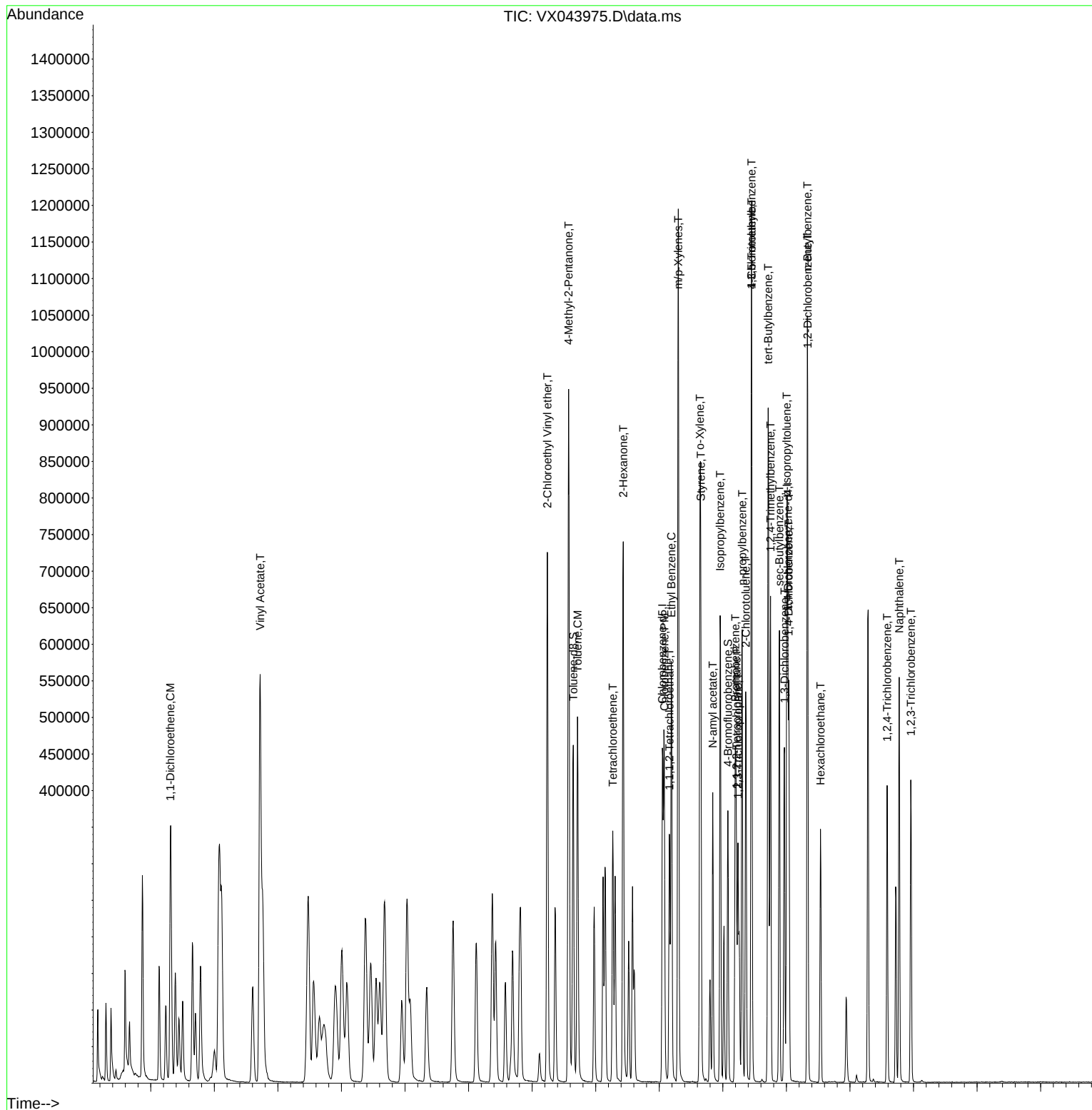
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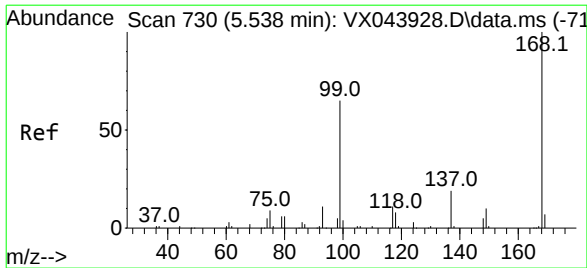
Instrument :
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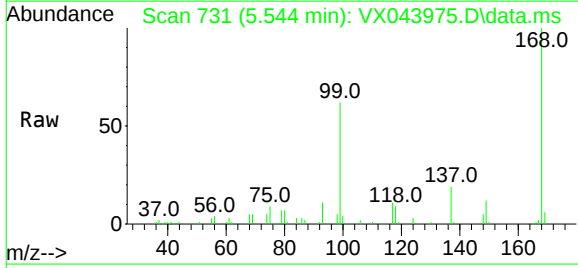
Reviewed By : John Carlone 11/25/2024
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.006 min
Lab File: VX043975.D
Acq: 22 Nov 2024 21:05

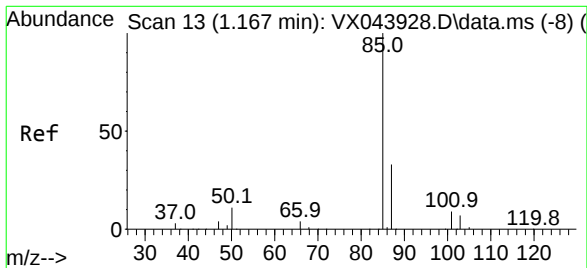
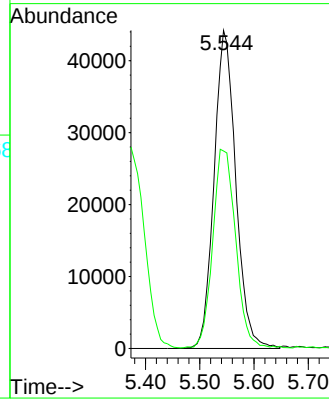
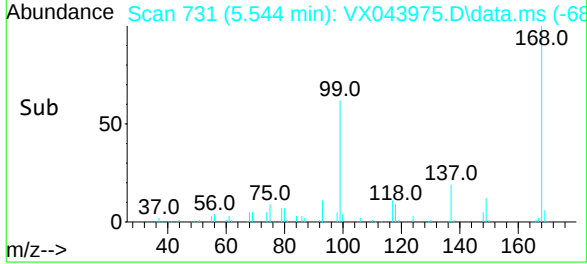
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 168 Resp: 122980
Ion Ratio Lower Upper
168 100
99 61.9 51.8 77.8

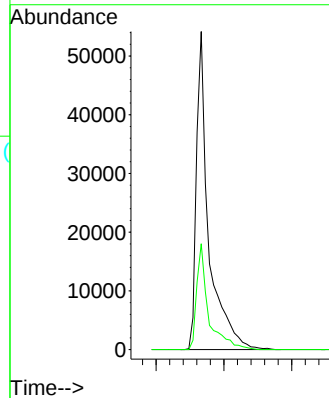
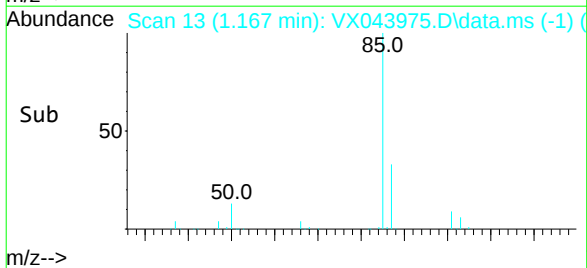
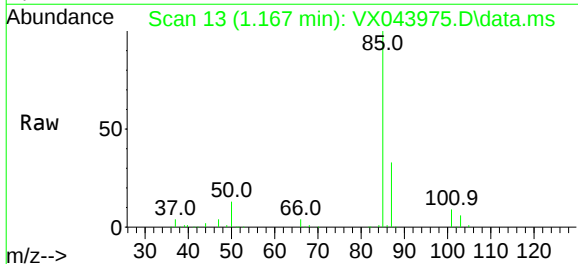
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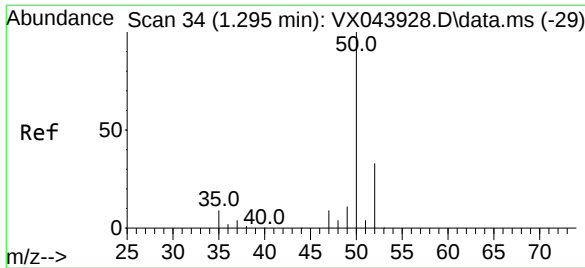
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#2
Dichlorodifluoromethane
Concen: 43.686 ug/l
RT: 1.167 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX043975.D
Acq: 22 Nov 2024 21:05

Tgt Ion: 85 Resp: 68061
Ion Ratio Lower Upper
85 100
87 33.3 16.6 49.8





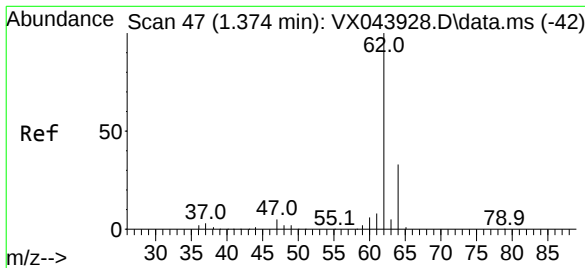
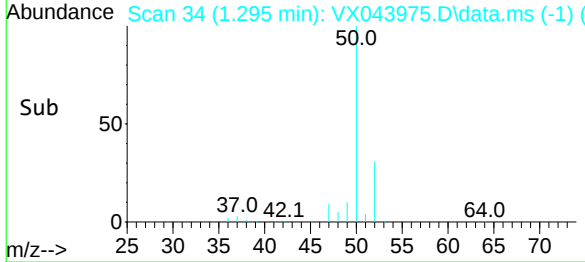
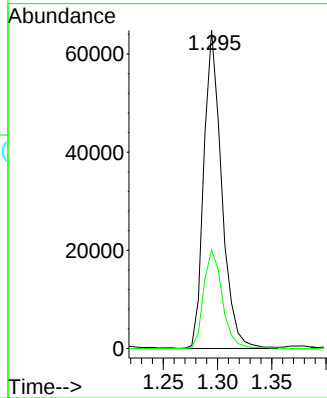
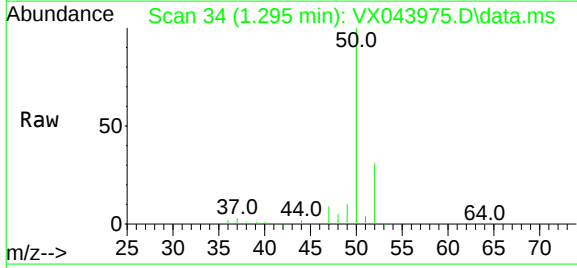
#3
Chloromethane
Concen: 45.274 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX043975.D
Acq: 22 Nov 2024 21:05

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ClientSampleId :
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Tgt Ion: 50 Resp: 74224
Ion Ratio Lower Upper
50 100
52 31.0 26.1 39.1

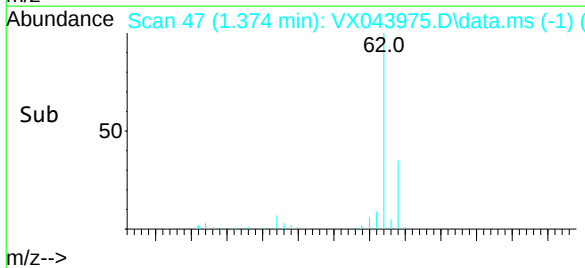
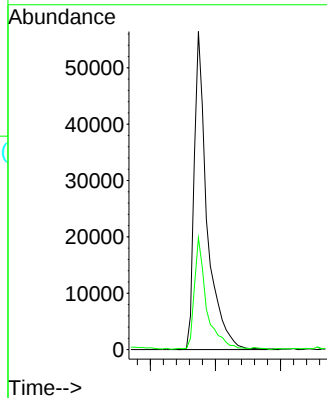
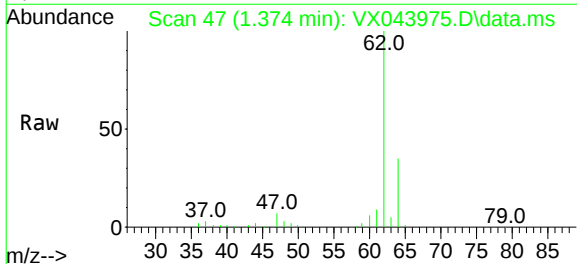
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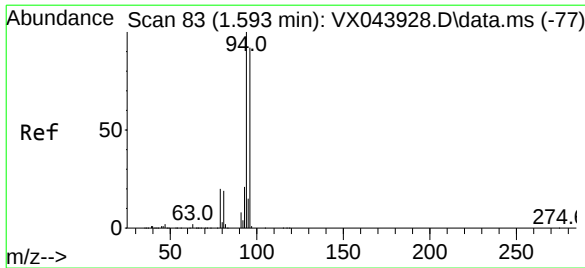
Reviewed By :John Carlone 11/25/2024
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#4
Vinyl Chloride
Concen: 44.612 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX043975.D
Acq: 22 Nov 2024 21:05

Tgt Ion: 62 Resp: 77794
Ion Ratio Lower Upper
62 100
64 34.8 26.2 39.4





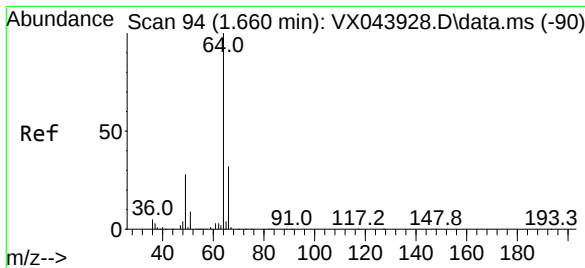
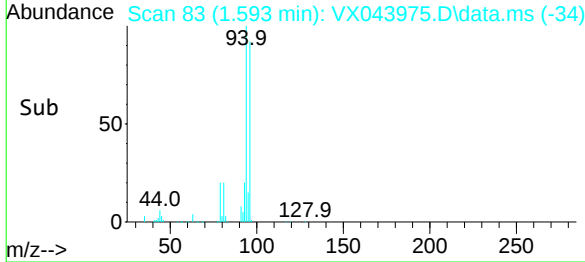
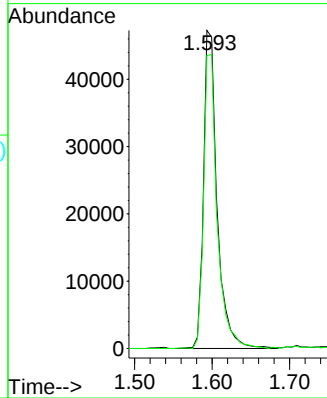
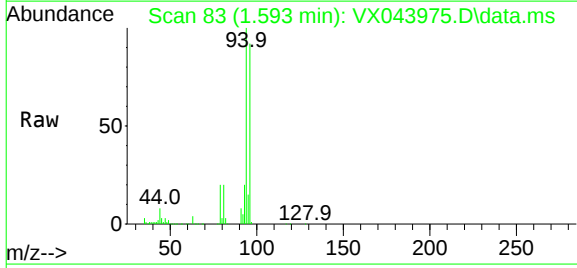
#5
Bromomethane
Concen: 53.679 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.000 min
Lab File: VX043975.D
Acq: 22 Nov 2024 21:05

Instrument :
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Tgt Ion: 94 Resp: 57584
Ion Ratio Lower Upper
94 100
96 91.9 73.9 110.9

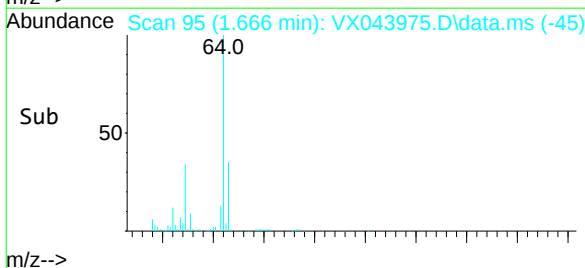
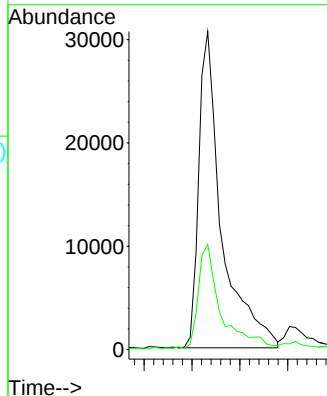
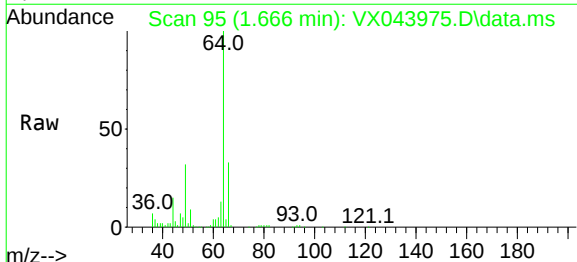
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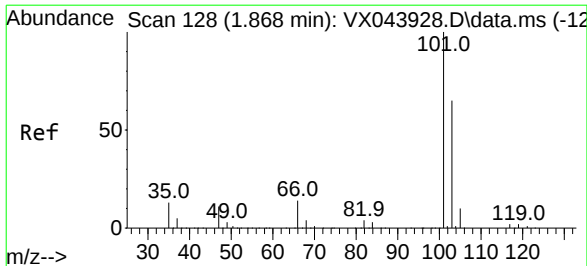
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#6
Chloroethane
Concen: 47.709 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.006 min
Lab File: VX043975.D
Acq: 22 Nov 2024 21:05

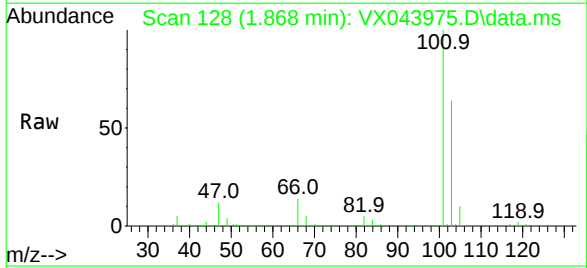
Tgt Ion: 64 Resp: 50694
Ion Ratio Lower Upper
64 100
66 32.4 25.9 38.9





#7
 Trichlorofluoromethane
 Concen: 53.528 ug/l
 RT: 1.868 min Scan# 128
 Delta R.T. -0.000 min
 Lab File: VX043975.D
 Acq: 22 Nov 2024 21:05

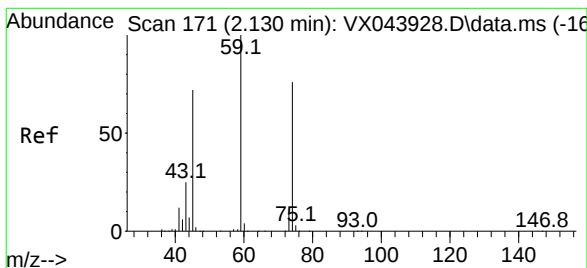
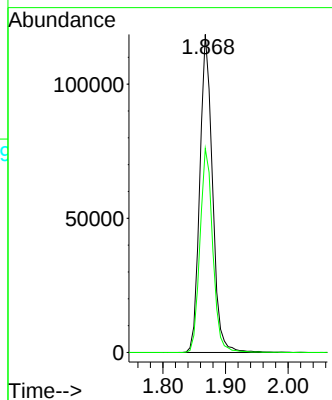
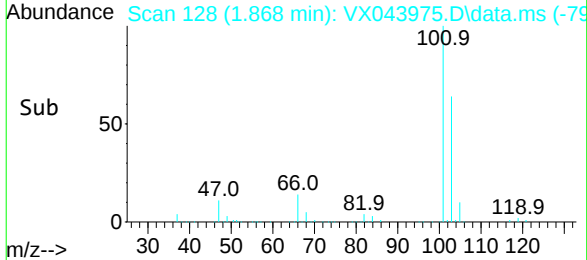
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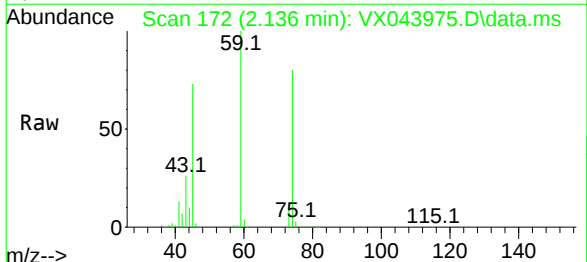
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 Ion Ratio Lower Upper
 101 100
 103 64.1 52.2 78.2

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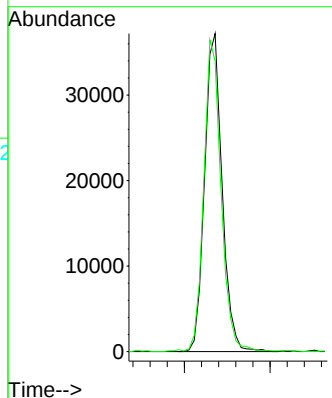
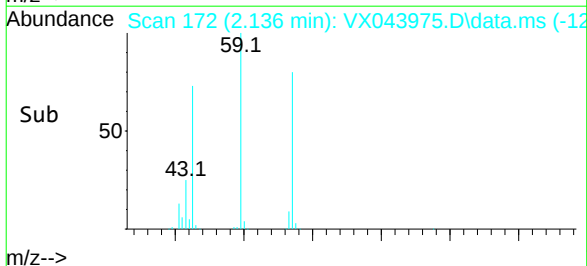
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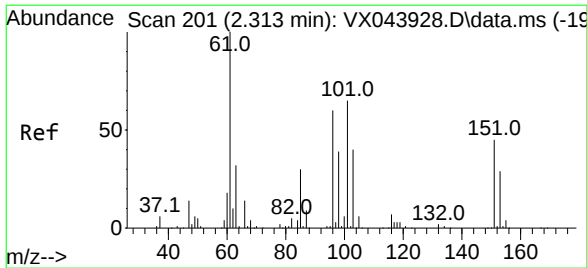


#8
 Diethyl Ether
 Concen: 46.443 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.006 min
 Lab File: VX043975.D
 Acq: 22 Nov 2024 21:05



Tgt Ion: 74 Resp: 52774
 Ion Ratio Lower Upper
 74 100
 45 97.1 47.9 143.6





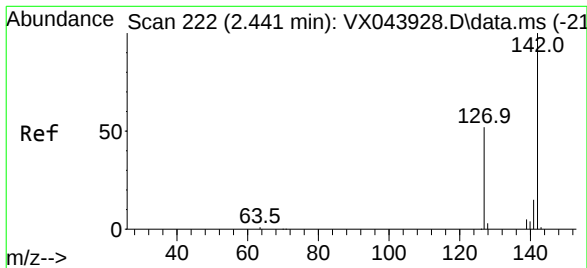
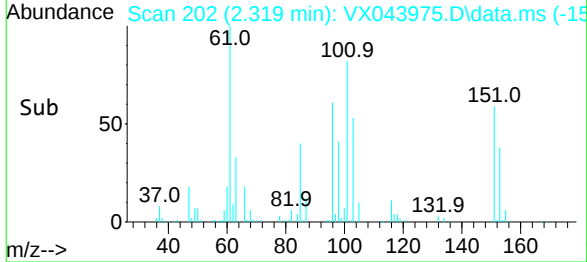
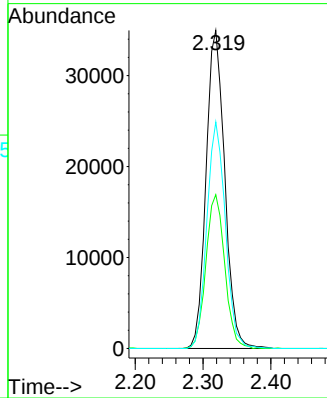
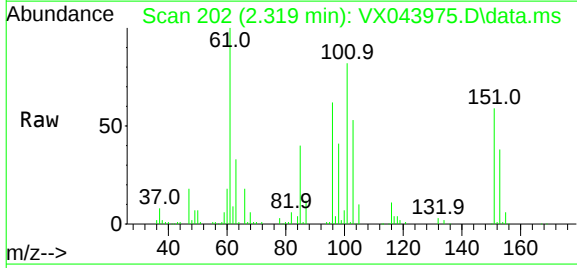
#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.966 ug/l
RT: 2.319 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX043975.D
Acq: 22 Nov 2024 21:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 66876
Ion Ratio Lower Upper
101 100
85 48.8 37.9 56.9
151 70.6 57.5 86.3

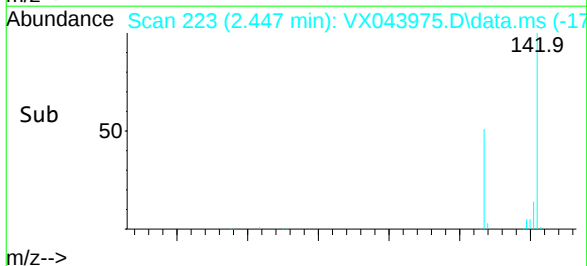
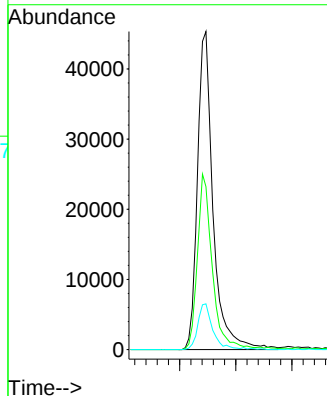
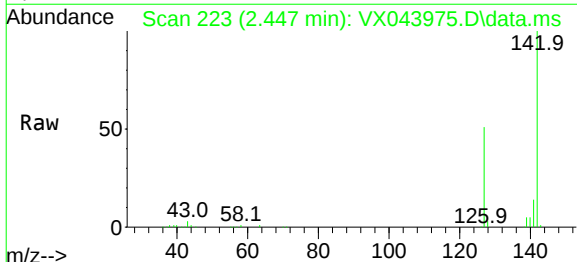
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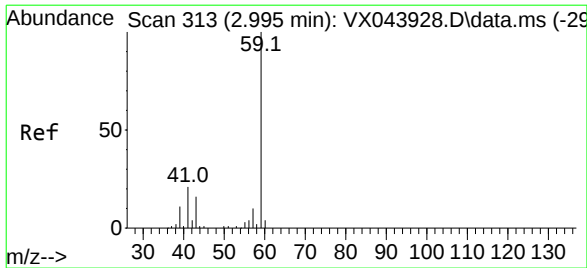
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#10
Methyl Iodide
Concen: 47.250 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.006 min
Lab File: VX043975.D
Acq: 22 Nov 2024 21:05

Tgt Ion:142 Resp: 87758
Ion Ratio Lower Upper
142 100
127 53.0 40.7 61.1
141 13.6 12.0 18.0





#11

Tert butyl alcohol

Concen: 215.043 ug/l

RT: 3.002 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX043975.D

Acq: 22 Nov 2024 21:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 72806

Ion Ratio Lower Upper

59 100

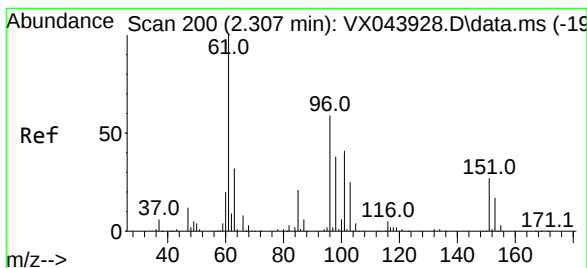
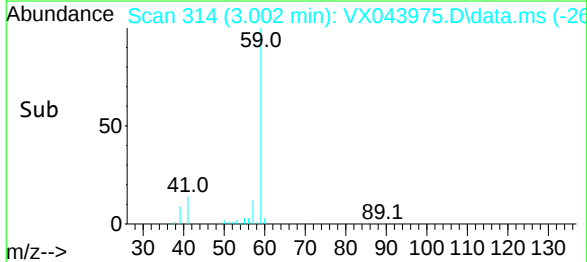
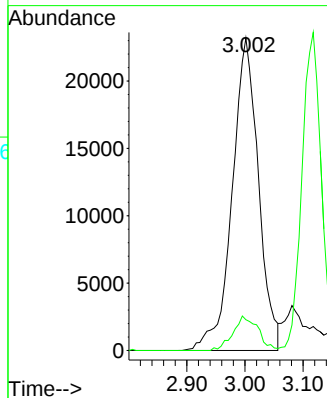
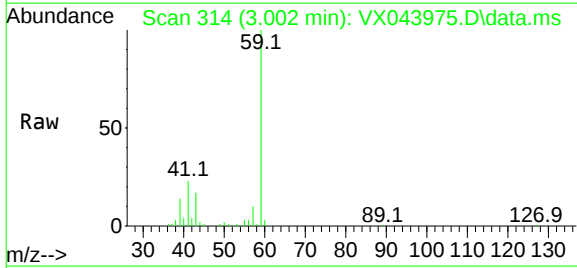
57 10.5 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#12

1,1-Dichloroethene

Concen: 45.800 ug/l

RT: 2.307 min Scan# 200

Delta R.T. -0.000 min

Lab File: VX043975.D

Acq: 22 Nov 2024 21:05

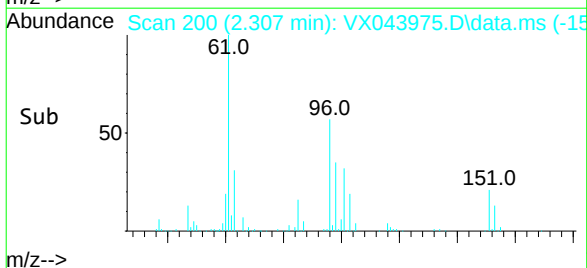
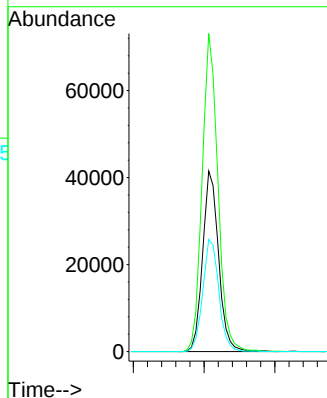
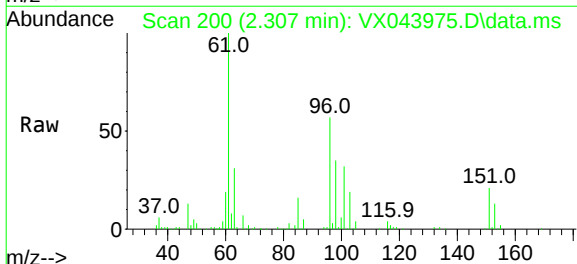
Tgt Ion: 96 Resp: 64902

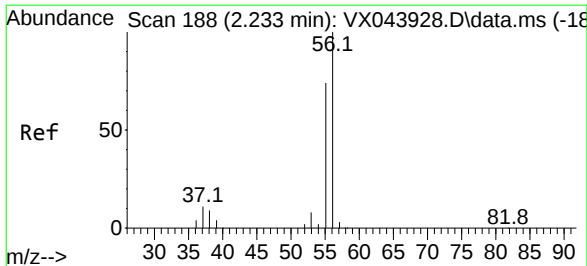
Ion Ratio Lower Upper

96 100

61 176.1 135.5 203.3

98 62.2 50.8 76.2





#13

Acrolein

Concen: 217.457 ug/l

RT: 2.233 min Scan# 18

Delta R.T. -0.000 min

Lab File: VX043975.D

Acq: 22 Nov 2024 21:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 77602

Ion Ratio Lower Upper

56 100

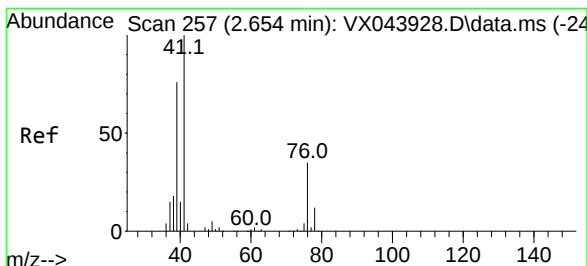
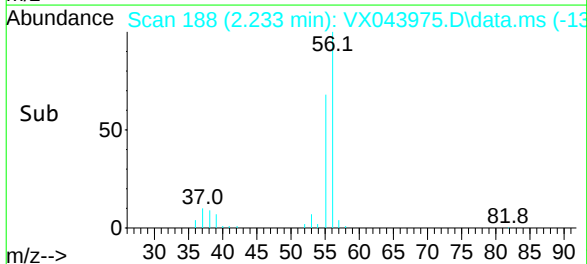
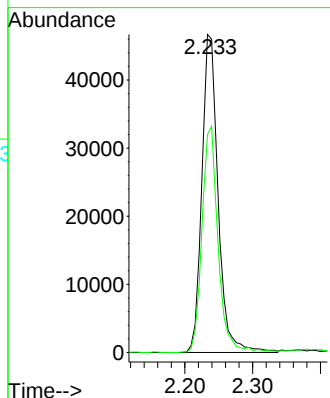
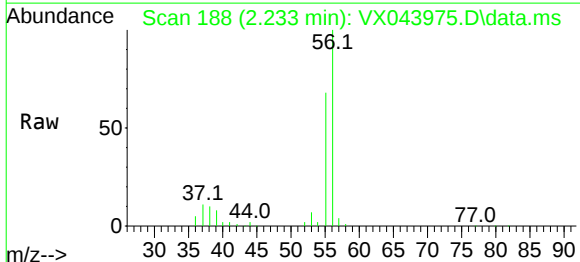
55 70.5 58.2 87.2

Manual Integrations

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Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#14

Allyl chloride

Concen: 48.923 ug/l

RT: 2.654 min Scan# 257

Delta R.T. -0.000 min

Lab File: VX043975.D

Acq: 22 Nov 2024 21:05

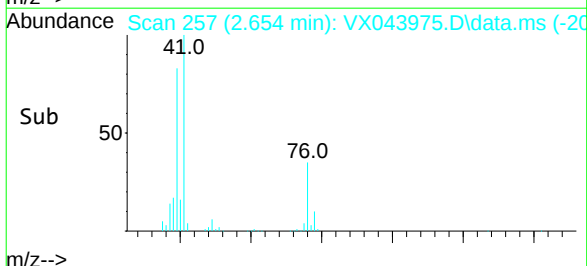
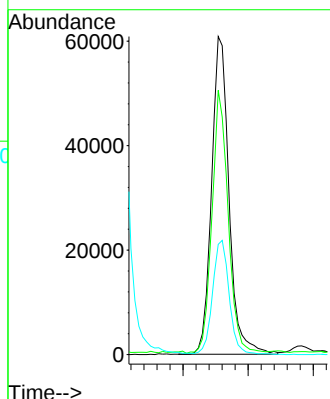
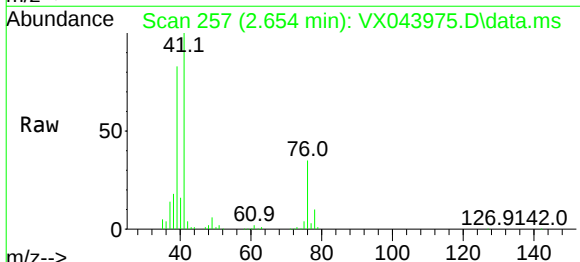
Tgt Ion: 41 Resp: 113282

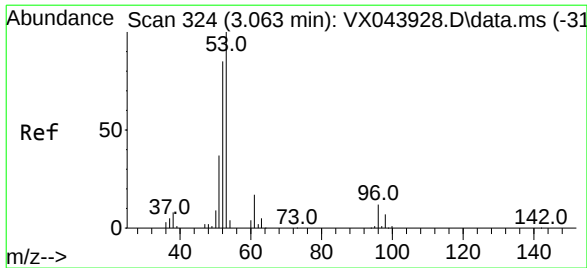
Ion Ratio Lower Upper

41 100

39 76.8 59.5 89.3

76 34.4 27.4 41.2





#15

Acrylonitrile

Concen: 235.443 ug/l

RT: 3.069 min Scan# 324

Delta R.T. 0.006 min

Lab File: VX043975.D

Acq: 22 Nov 2024 21:05

Instrument :

MSVOA_X

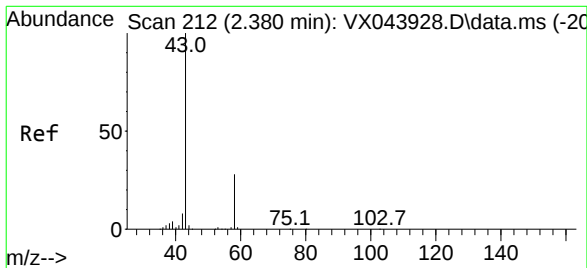
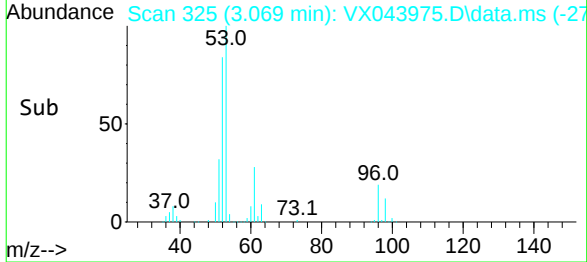
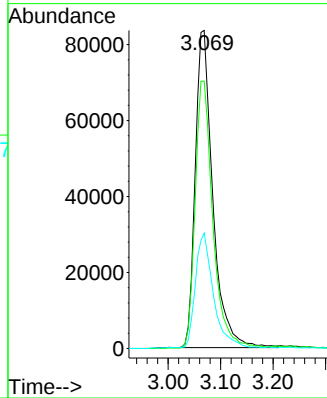
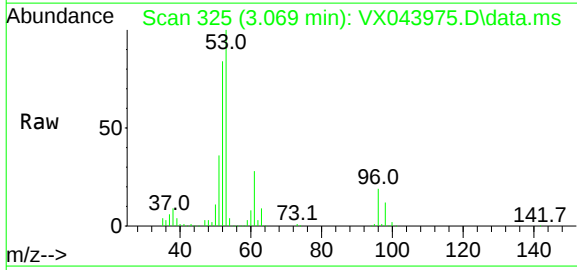
ClientSampleId :

VSTDCCC050EC

Tgt Ion: 53	Resp: 194254
Ion Ratio	Lower Upper
53 100	
52 85.2	66.5 99.7
51 36.6	30.2 45.4

Manual Integrations
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Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#16

Acetone

Concen: 185.644 ug/l

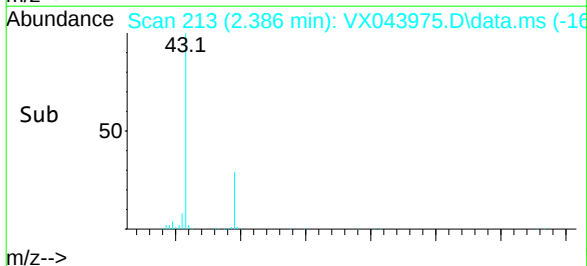
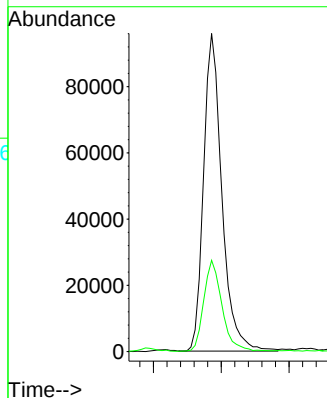
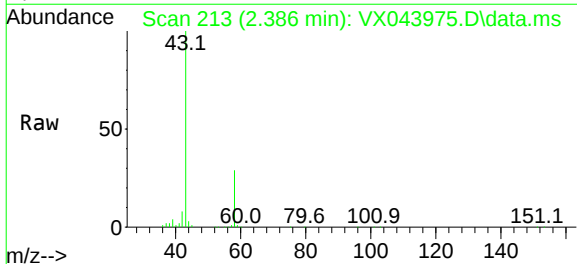
RT: 2.386 min Scan# 213

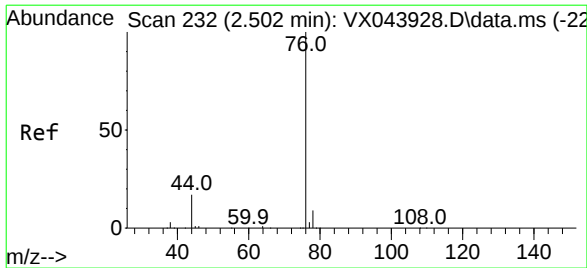
Delta R.T. 0.006 min

Lab File: VX043975.D

Acq: 22 Nov 2024 21:05

Tgt Ion: 43	Resp: 179850
Ion Ratio	Lower Upper
43 100	
58 28.6	22.7 34.1





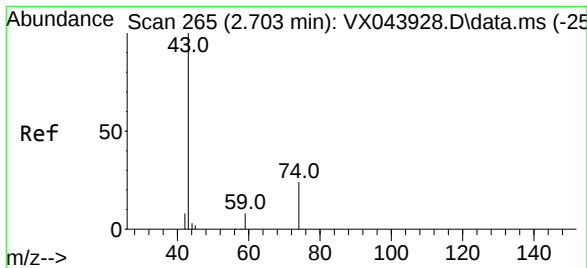
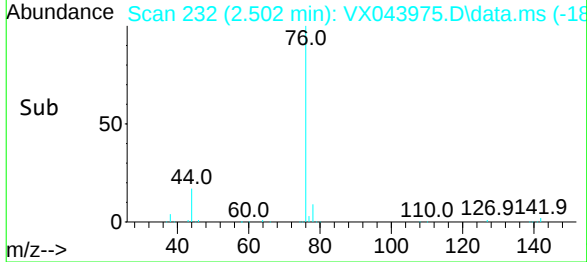
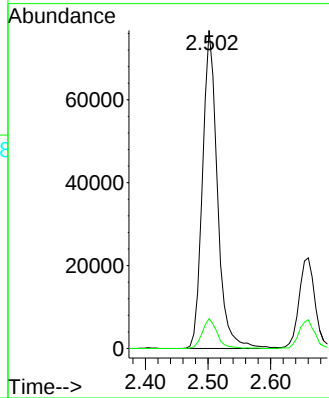
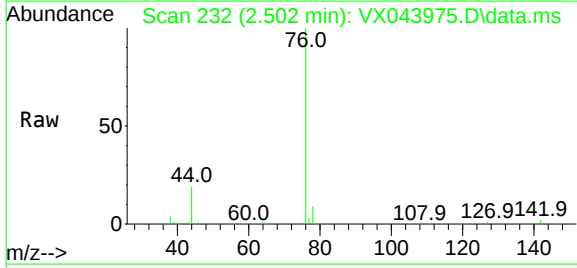
#17
Carbon Disulfide
Concen: 43.508 ug/l
RT: 2.502 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX043975.D
Acq: 22 Nov 2024 21:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 127176
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.6

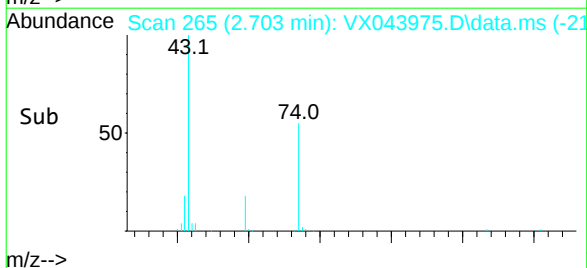
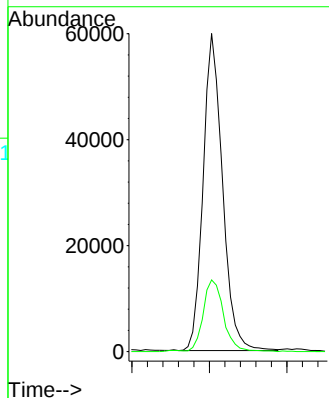
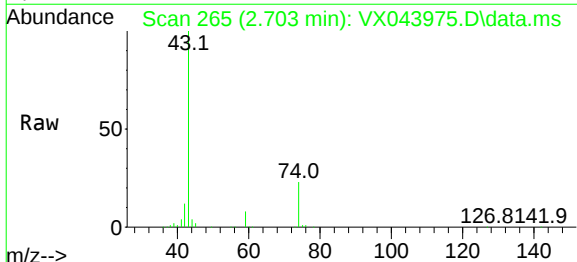
Manual Integrations
APPROVED

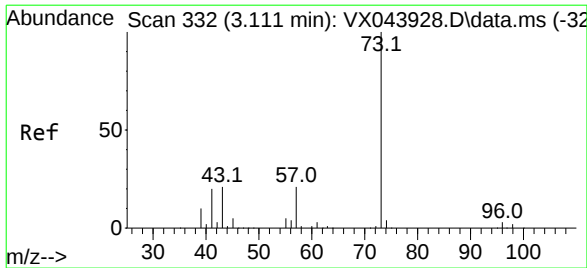
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#18
Methyl Acetate
Concen: 46.099 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX043975.D
Acq: 22 Nov 2024 21:05

Tgt Ion: 43 Resp: 104004
Ion Ratio Lower Upper
43 100
74 23.7 18.9 28.3





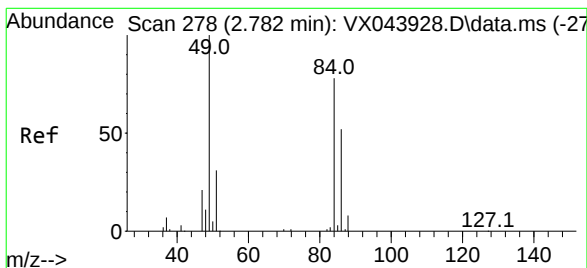
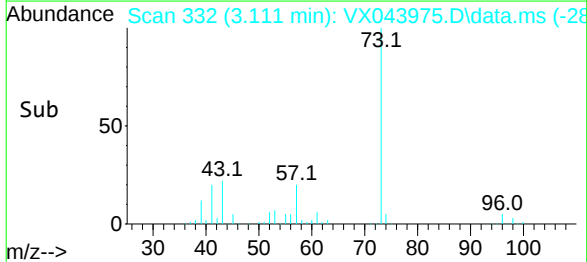
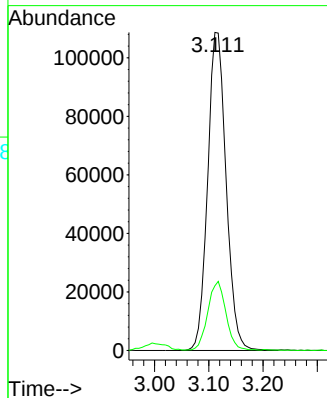
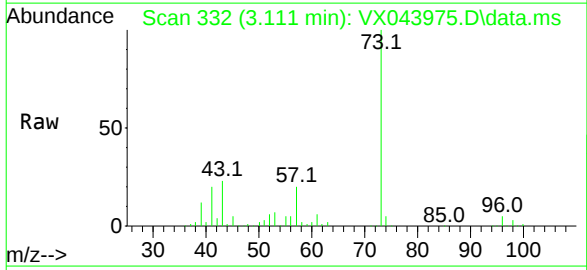
#19
Methyl tert-butyl Ether
Concen: 49.964 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX043975.D
Acq: 22 Nov 2024 21:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 257085
Ion Ratio Lower Upper
73 100
57 20.2 17.0 25.6

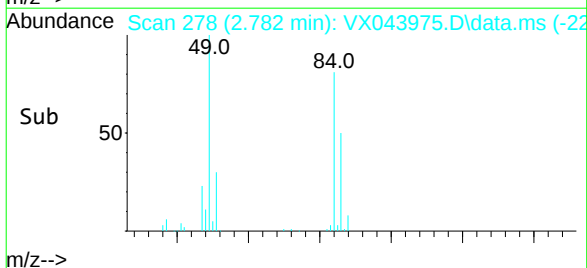
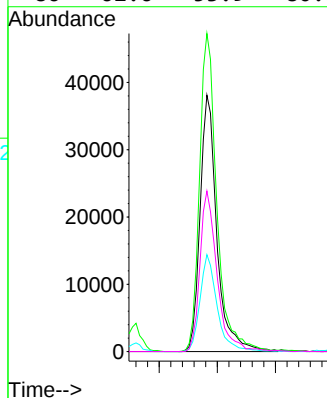
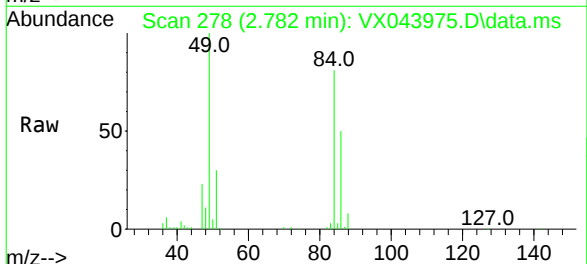
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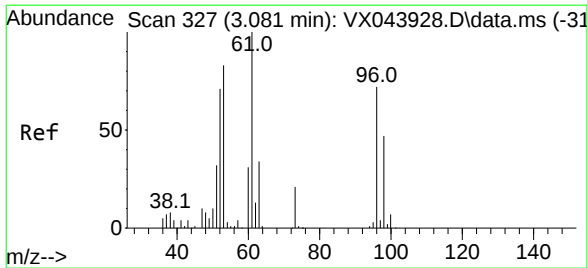
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#20
Methylene Chloride
Concen: 46.692 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX043975.D
Acq: 22 Nov 2024 21:05

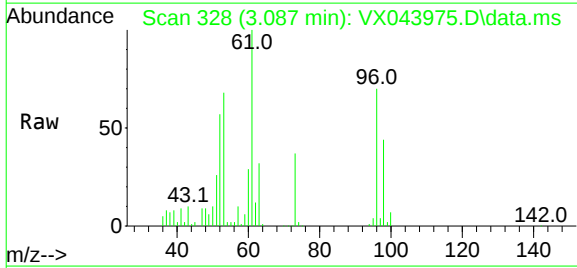
Tgt Ion: 84 Resp: 76764
Ion Ratio Lower Upper
84 100
49 124.0 102.7 154.1
51 37.8 31.7 47.5
86 62.6 53.9 80.9





#21
trans-1,2-Dichloroethene
Concen: 47.861 ug/l
RT: 3.087 min Scan# 327
Delta R.T. 0.006 min
Lab File: VX043975.D
Acq: 22 Nov 2024 21:05

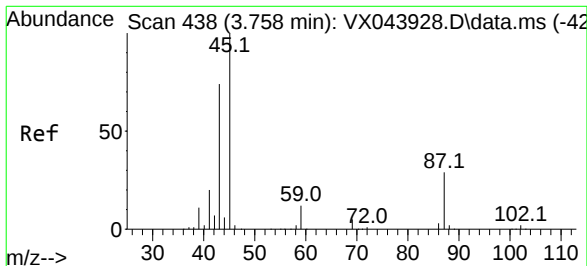
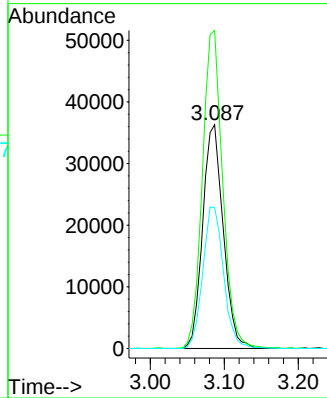
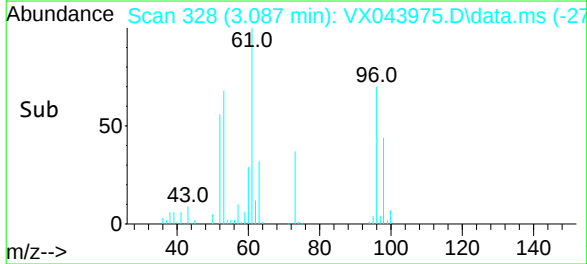
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 70023
Ion Ratio Lower Upper
96 100
61 141.9 111.8 167.6
98 63.0 52.7 79.1

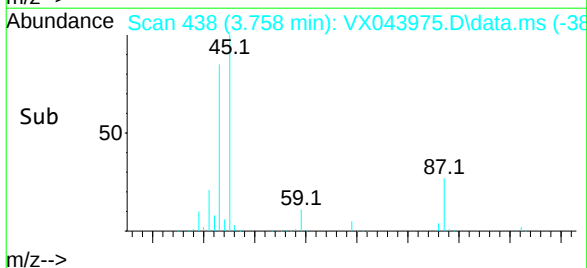
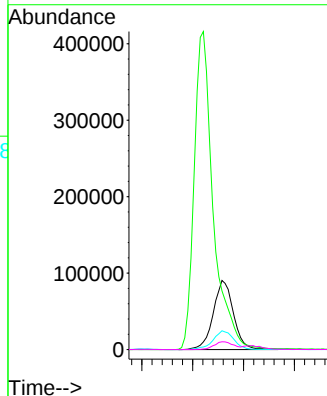
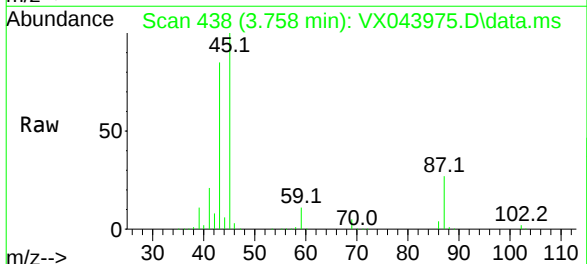
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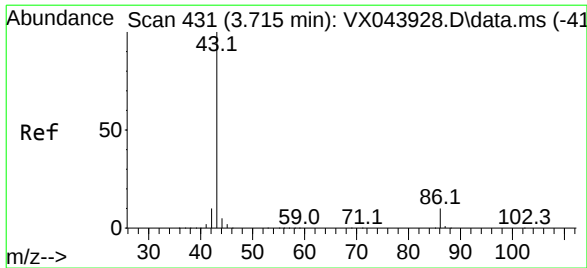
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#22
Diisopropyl ether
Concen: 50.212 ug/l
RT: 3.758 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX043975.D
Acq: 22 Nov 2024 21:05

Tgt Ion: 45 Resp: 248613
Ion Ratio Lower Upper
45 100
43 84.4 59.6 89.4
87 27.2 22.9 34.3
59 11.2 9.8 14.6





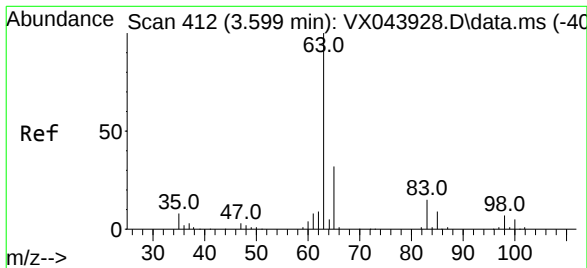
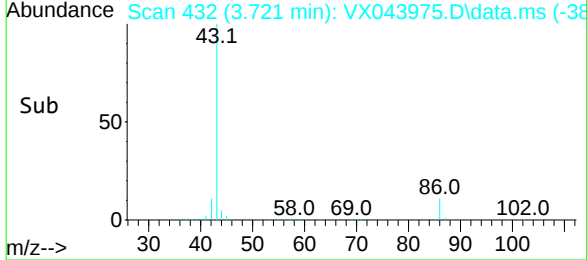
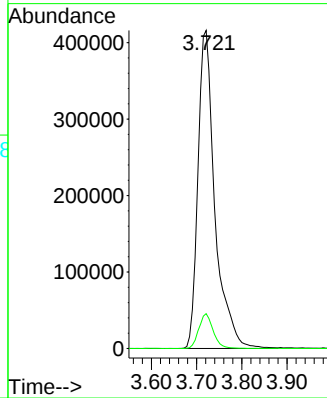
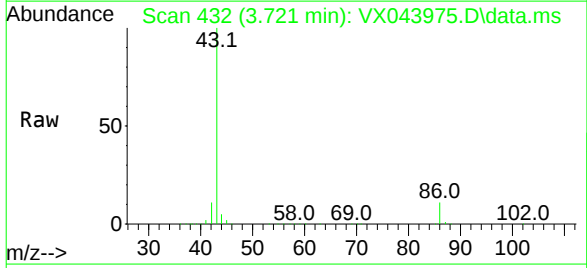
#23
 Vinyl Acetate
 Concen: 255.744 ug/l
 RT: 3.721 min Scan# 43
 Delta R.T. 0.006 min
 Lab File: VX043975.D
 Acq: 22 Nov 2024 21:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1083211
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.3 12.5

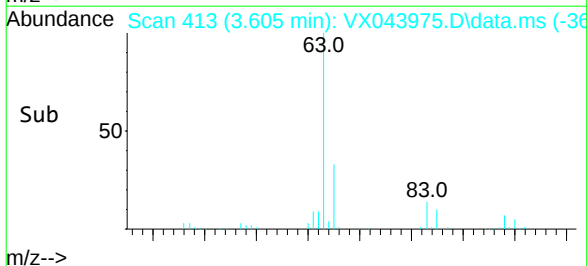
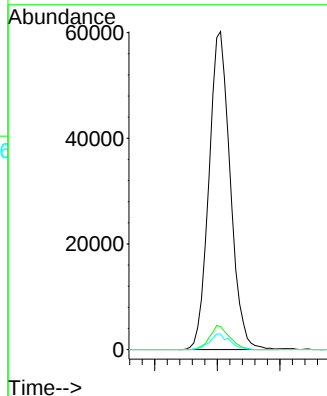
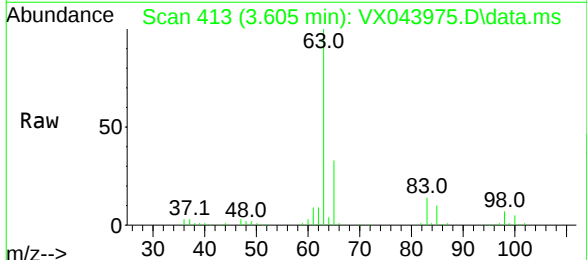
Manual Integrations
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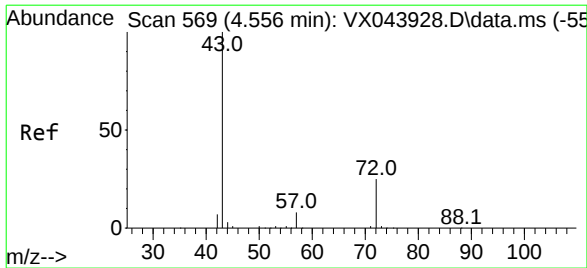
Reviewed By :John Carlone 11/25/2024
 Supervised By :Mahesh Dadoda 11/25/2024



#24
 1,1-Dichloroethane
 Concen: 49.748 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.006 min
 Lab File: VX043975.D
 Acq: 22 Nov 2024 21:05

Tgt Ion: 63 Resp: 142098
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.5 10.6
 100 4.9 2.4 7.1





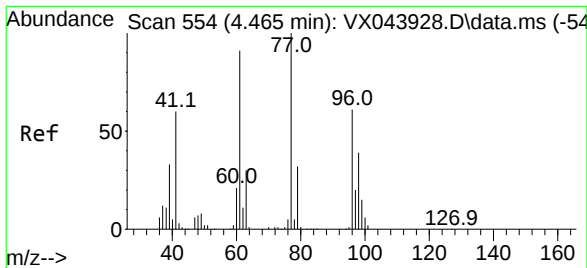
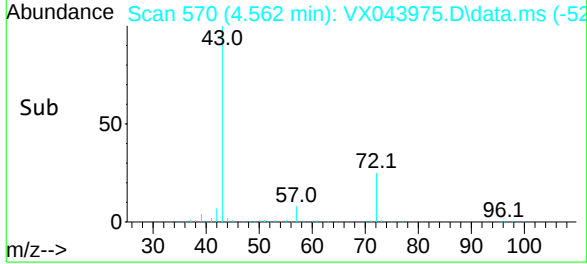
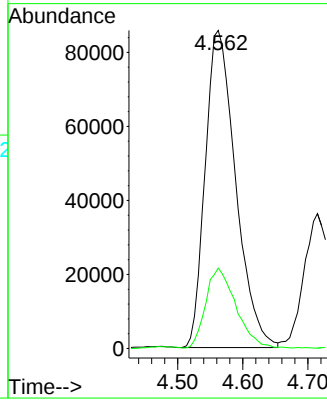
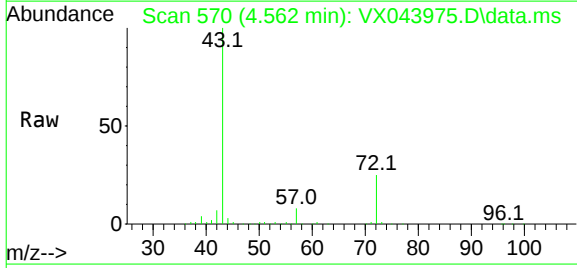
#25
2-Butanone
Concen: 222.822 ug/l
RT: 4.562 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX043975.D
Acq: 22 Nov 2024 21:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 278537
Ion Ratio Lower Upper
43 100
72 25.0 20.2 30.2

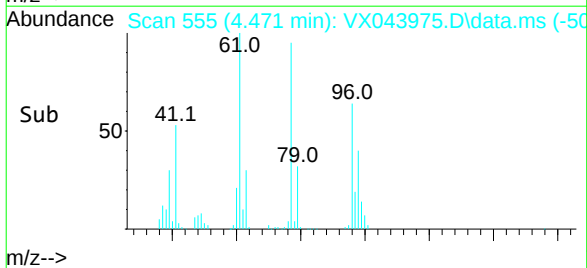
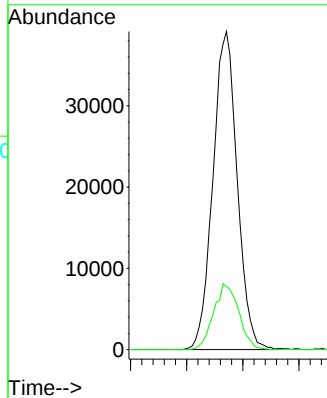
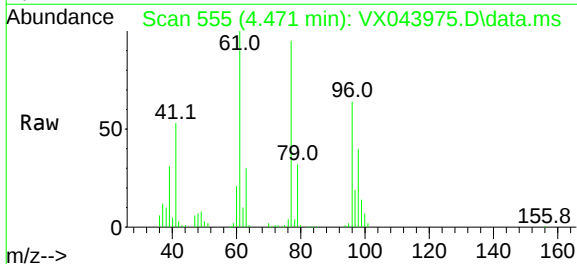
Manual Integrations
APPROVED

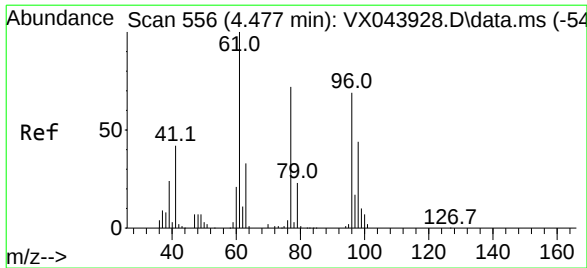
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#26
2,2-Dichloropropane
Concen: 45.557 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX043975.D
Acq: 22 Nov 2024 21:05

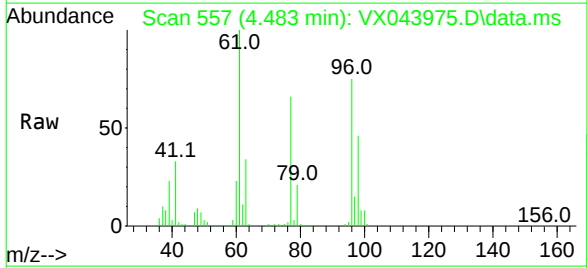
Tgt Ion: 77 Resp: 117521
Ion Ratio Lower Upper
77 100
97 21.4 10.8 32.3





#27
cis-1,2-Dichloroethene
Concen: 49.483 ug/l
RT: 4.483 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX043975.D
Acq: 22 Nov 2024 21:05

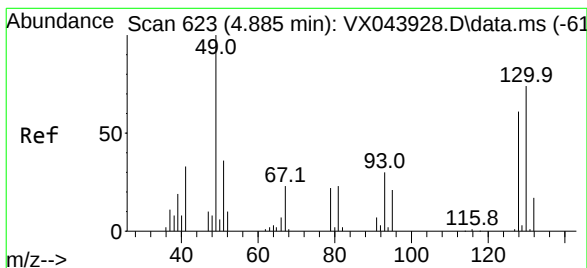
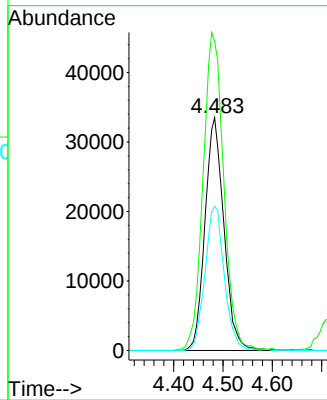
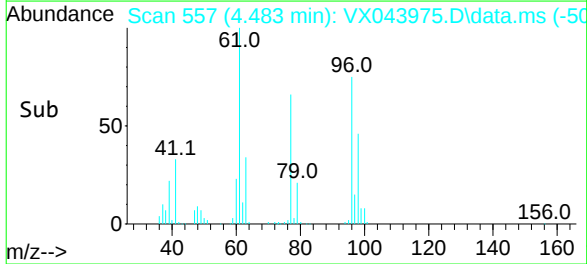
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 89489
Ion Ratio Lower Upper
96 100
61 148.3 0.0 297.4
98 63.1 0.0 127.8

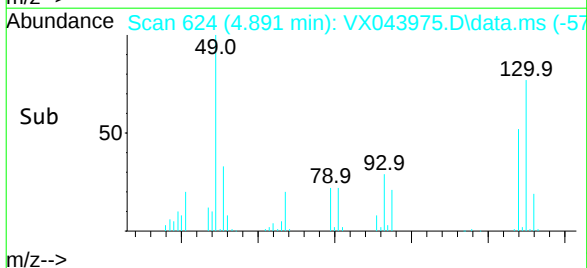
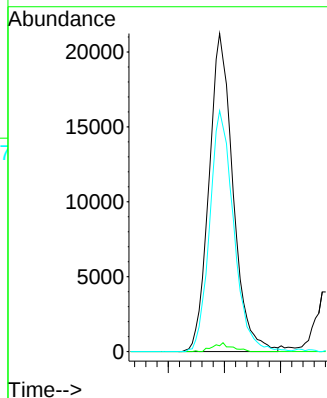
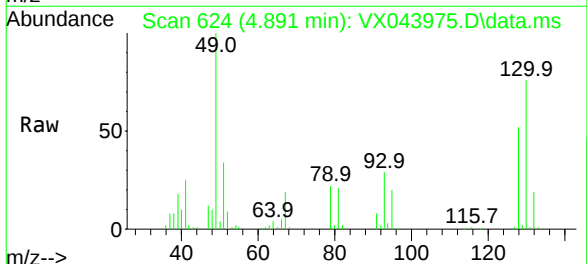
Manual Integrations
APPROVED

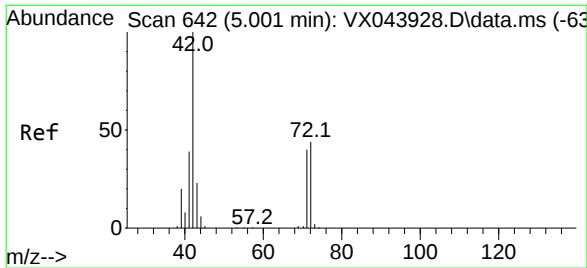
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#28
Bromochloromethane
Concen: 50.141 ug/l
RT: 4.891 min Scan# 624
Delta R.T. 0.006 min
Lab File: VX043975.D
Acq: 22 Nov 2024 21:05

Tgt Ion: 49 Resp: 63042
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.0
130 75.6 59.0 88.6





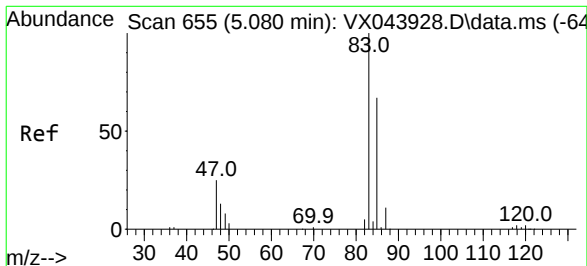
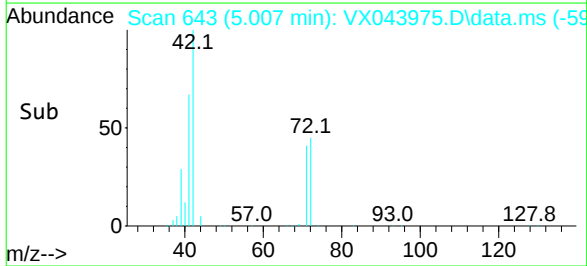
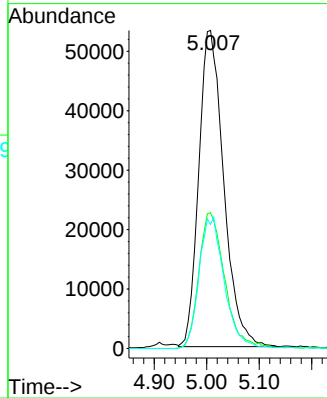
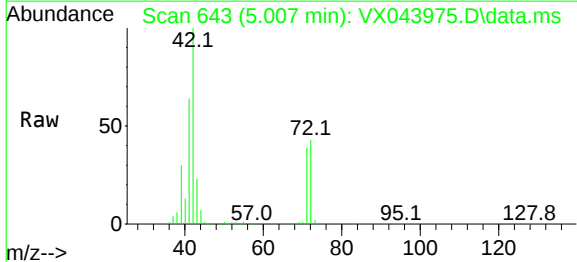
#29
Tetrahydrofuran
Concen: 229.176 ug/l
RT: 5.007 min Scan# 64
Delta R.T. 0.006 min
Lab File: VX043975.D
Acq: 22 Nov 2024 21:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 175631
Ion Ratio Lower Upper
42 100
72 44.5 36.4 54.6
71 42.0 33.4 50.0

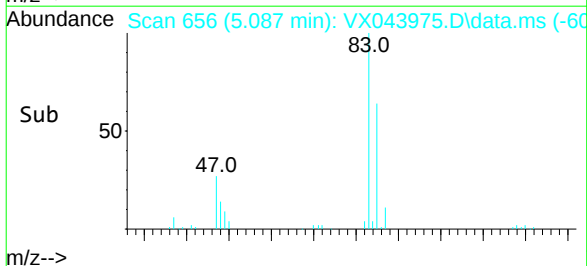
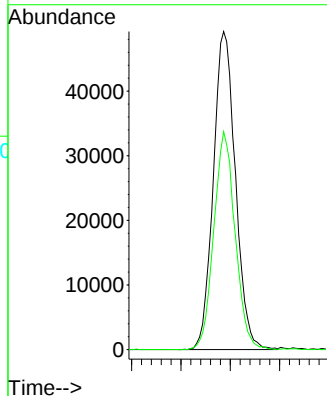
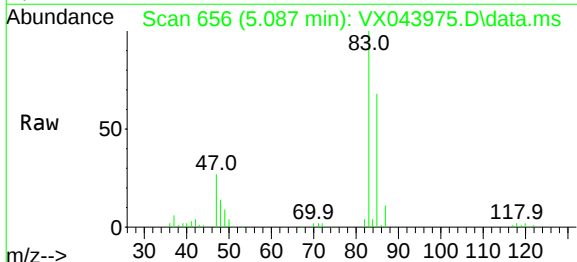
Manual Integrations
APPROVED

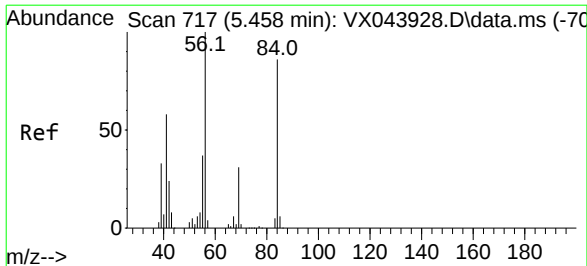
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#30
Chloroform
Concen: 49.881 ug/l
RT: 5.087 min Scan# 656
Delta R.T. 0.006 min
Lab File: VX043975.D
Acq: 22 Nov 2024 21:05

Tgt Ion: 83 Resp: 153240
Ion Ratio Lower Upper
83 100
85 68.5 53.5 80.3





#31

Cyclohexane

Concen: 46.218 ug/l

RT: 5.458 min Scan# 717

Delta R.T. -0.000 min

Lab File: VX043975.D

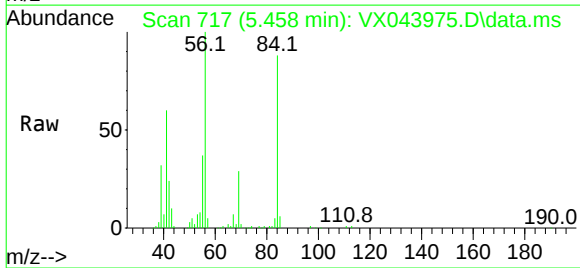
Acq: 22 Nov 2024 21:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 56 Resp: 108654

Ion Ratio Lower Upper

56 100

69 29.2 24.7 37.1

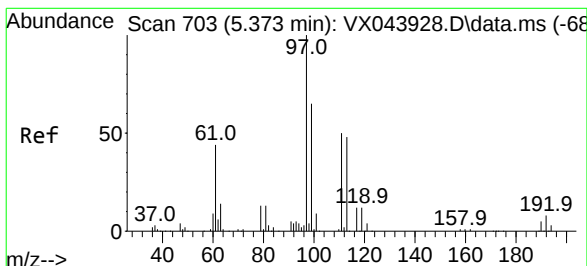
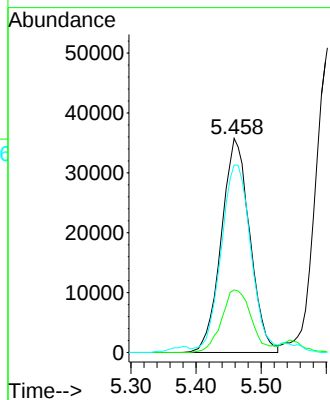
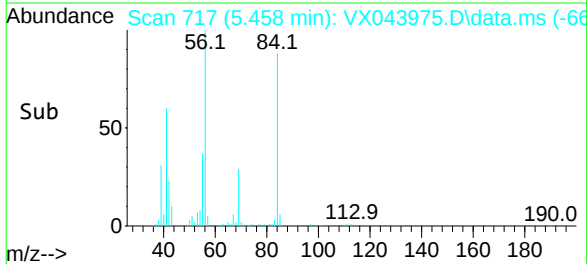
84 85.4 68.7 103.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#32

1,1,1-Trichloroethane

Concen: 51.132 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.000 min

Lab File: VX043975.D

Acq: 22 Nov 2024 21:05

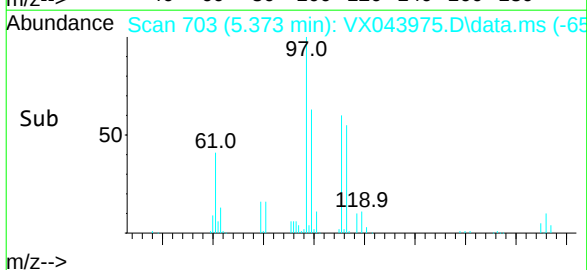
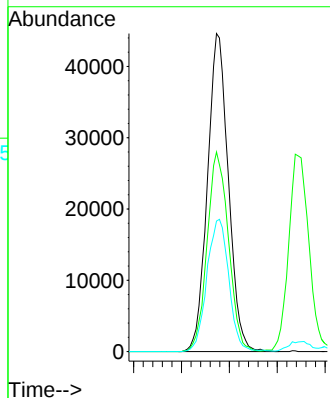
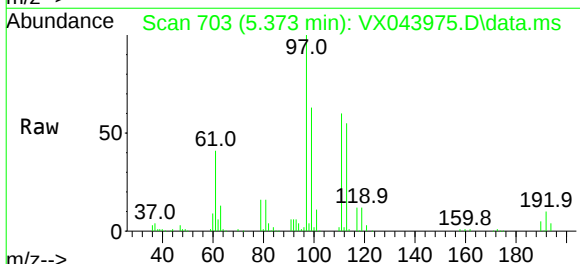
Tgt Ion: 97 Resp: 135463

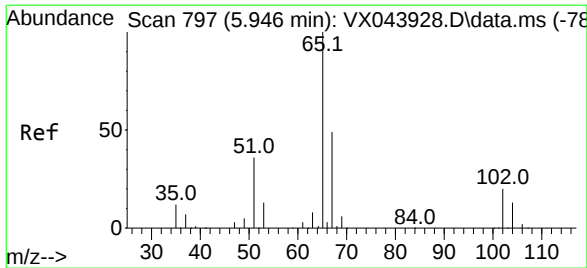
Ion Ratio Lower Upper

97 100

99 64.0 50.8 76.2

61 43.7 35.4 53.2





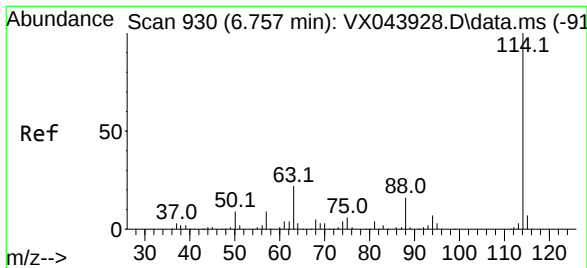
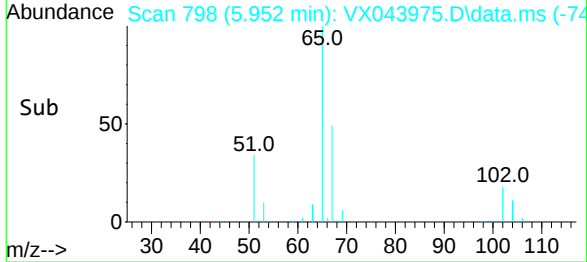
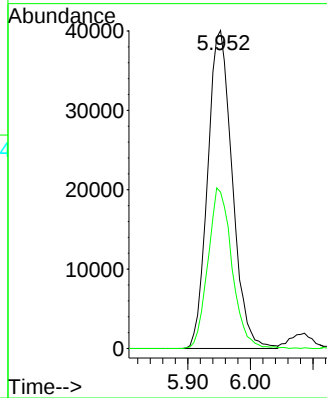
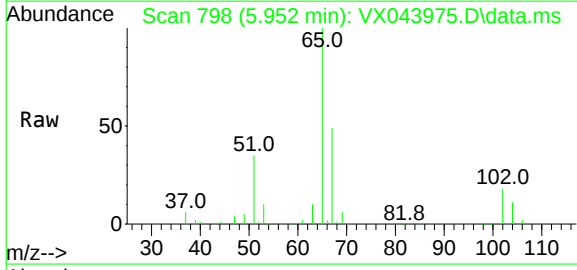
#33
1,2-Dichloroethane-d4
Concen: 51.858 ug/l
RT: 5.952 min Scan# 79
Delta R.T. 0.006 min
Lab File: VX043975.D
Acq: 22 Nov 2024 21:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 109385
Ion Ratio Lower Upper
65 100
67 49.2 0.0 100.8

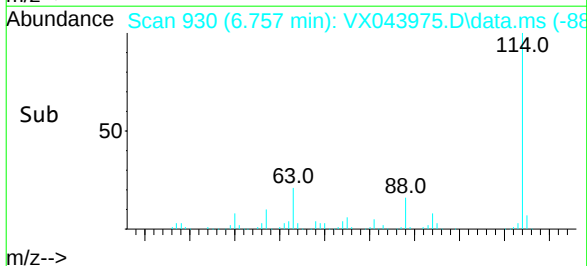
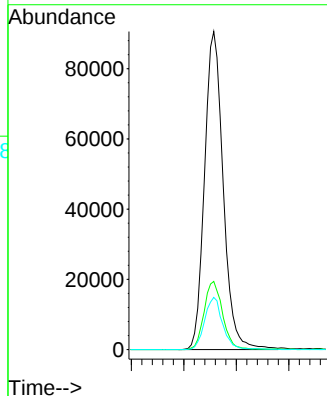
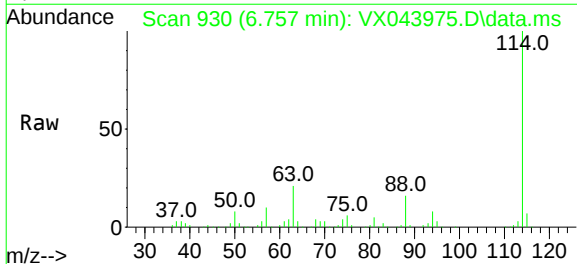
Manual Integrations
APPROVED

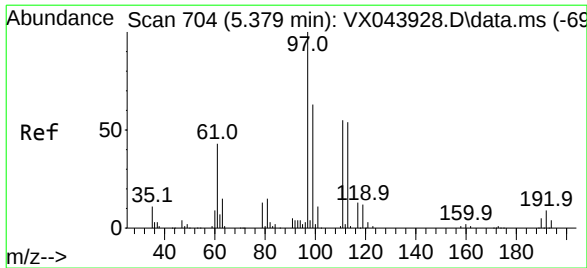
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX043975.D
Acq: 22 Nov 2024 21:05

Tgt Ion:114 Resp: 223634
Ion Ratio Lower Upper
114 100
63 21.4 0.0 44.0
88 16.4 0.0 32.4





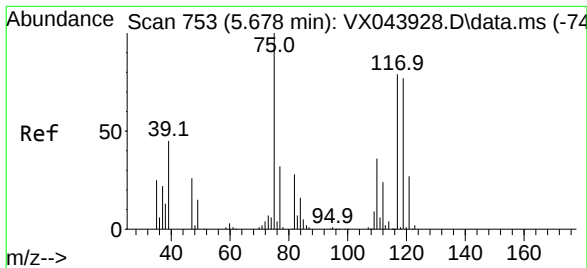
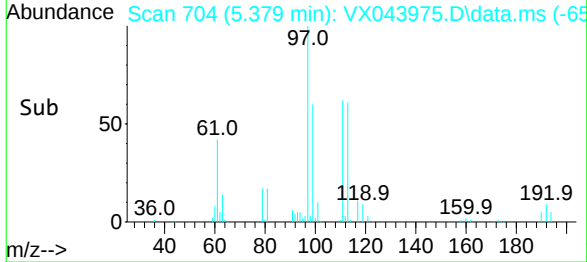
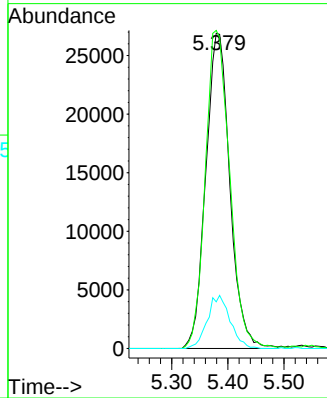
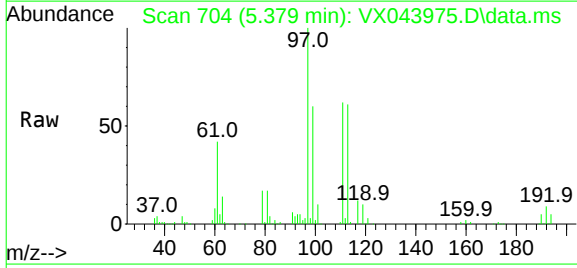
#35
Dibromofluoromethane
Concen: 50.113 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX043975.D
Acq: 22 Nov 2024 21:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:113 Resp: 80080
Ion Ratio Lower Upper
113 100
111 102.5 81.0 121.4
192 16.0 13.0 19.6

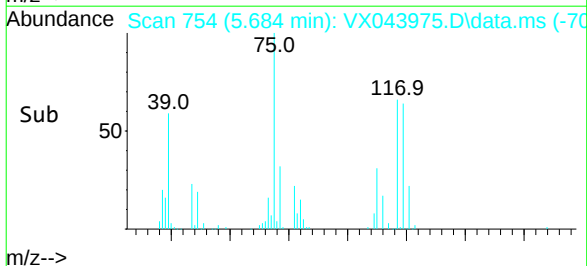
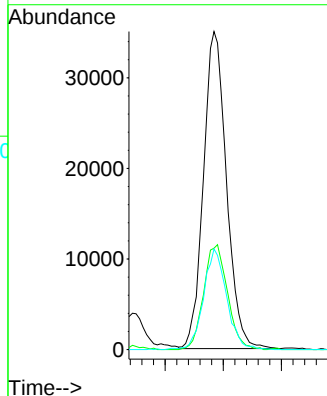
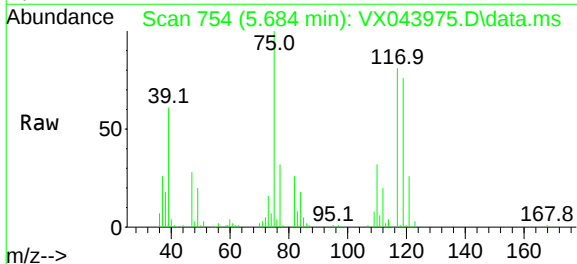
Manual Integrations
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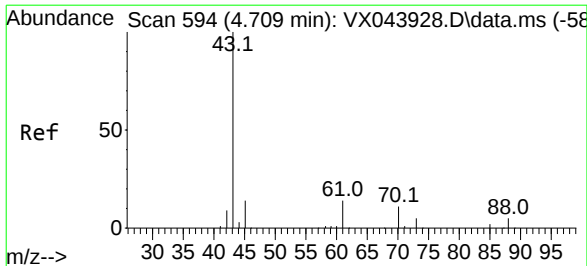
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#36
1,1-Dichloropropene
Concen: 48.403 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.006 min
Lab File: VX043975.D
Acq: 22 Nov 2024 21:05

Tgt Ion: 75 Resp: 96384
Ion Ratio Lower Upper
75 100
110 34.2 17.4 52.2
77 31.9 25.8 38.8





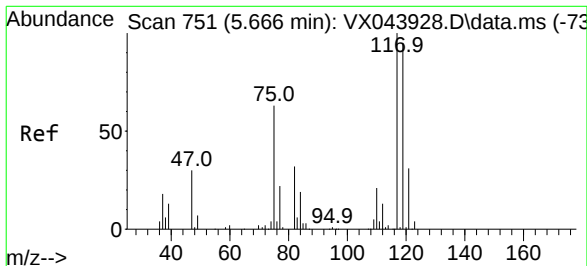
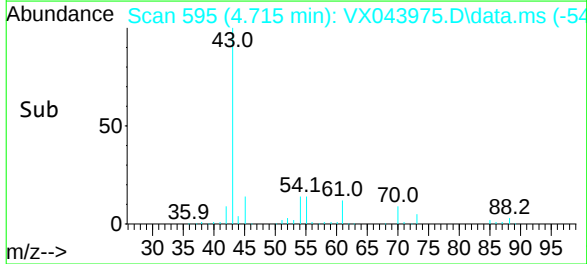
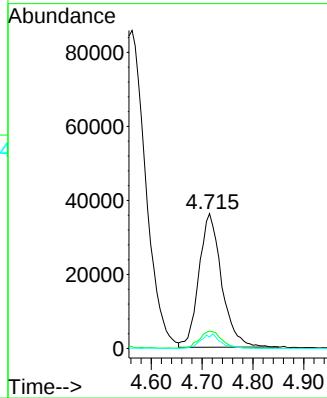
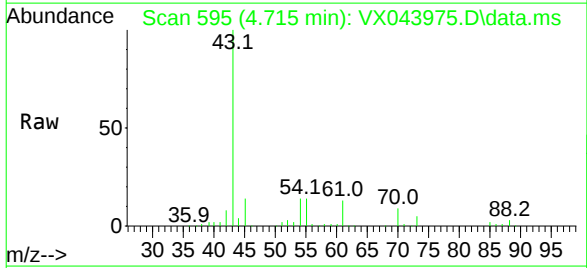
#37
Ethyl Acetate
Concen: 45.245 ug/l
RT: 4.715 min Scan# 594
Delta R.T. 0.006 min
Lab File: VX043975.D
Acq: 22 Nov 2024 21:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 111838
Ion Ratio Lower Upper
43 100
61 13.3 10.7 16.1
70 9.5 8.0 12.0

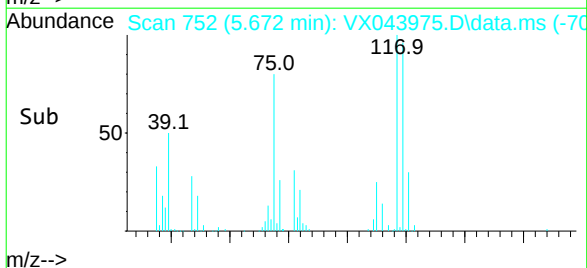
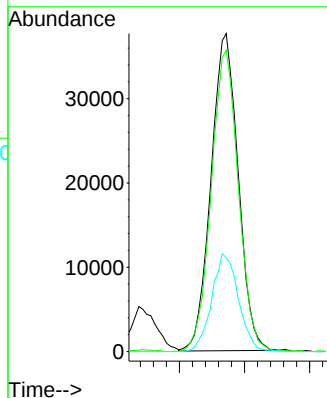
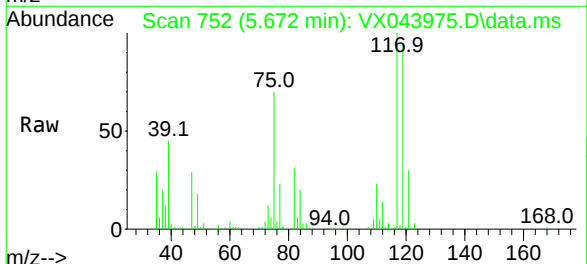
Manual Integrations
APPROVED

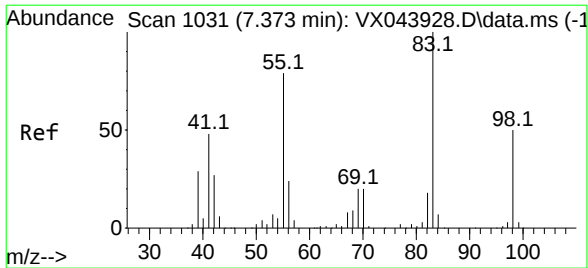
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#38
Carbon Tetrachloride
Concen: 48.766 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.006 min
Lab File: VX043975.D
Acq: 22 Nov 2024 21:05

Tgt Ion:117 Resp: 109113
Ion Ratio Lower Upper
117 100
119 95.1 75.2 112.8
121 29.7 24.5 36.7





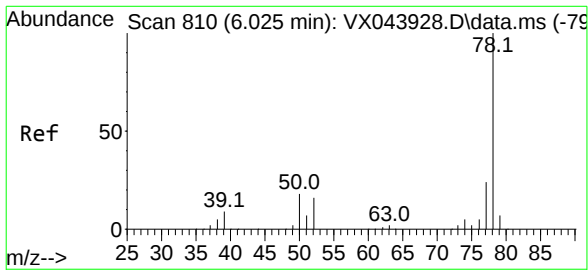
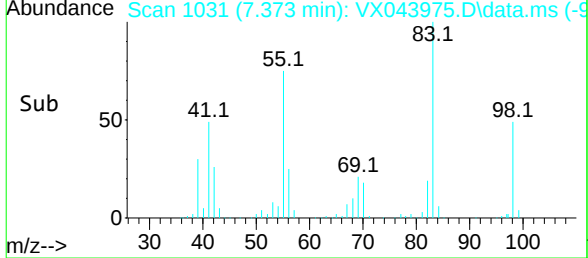
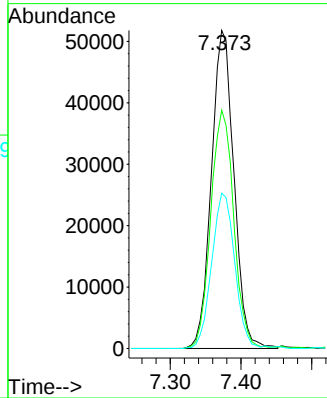
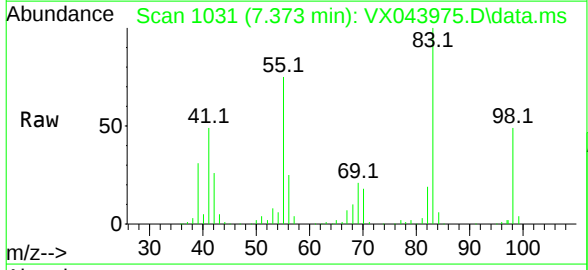
#39
Methylcyclohexane
Concen: 44.283 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX043975.D
Acq: 22 Nov 2024 21:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 114556
Ion Ratio Lower Upper
83 100
55 74.9 63.1 94.7
98 48.8 40.0 60.0

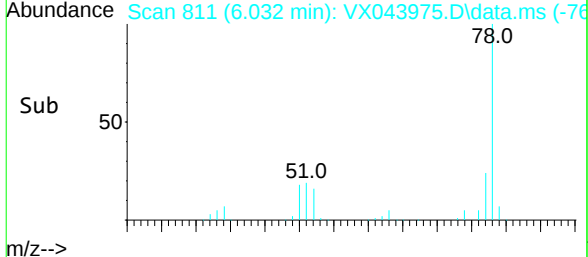
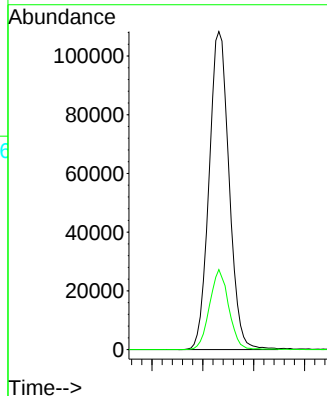
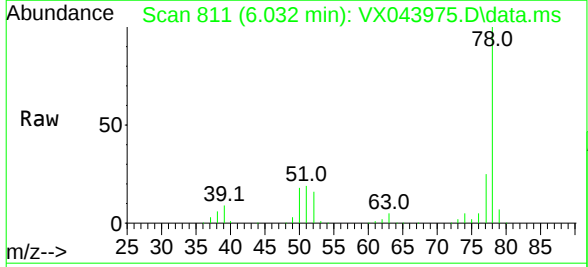
Manual Integrations
APPROVED

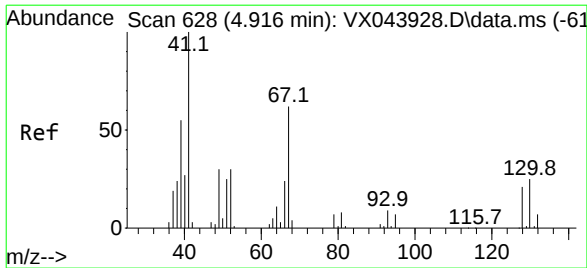
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#40
Benzene
Concen: 47.732 ug/l
RT: 6.032 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX043975.D
Acq: 22 Nov 2024 21:05

Tgt Ion: 78 Resp: 296066
Ion Ratio Lower Upper
78 100
77 25.1 19.2 28.8





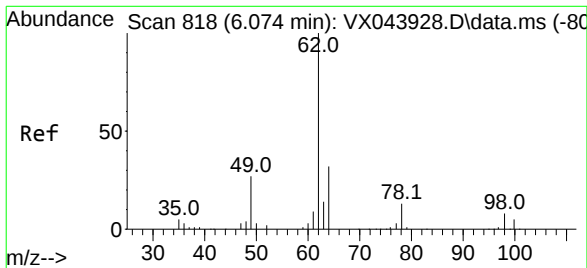
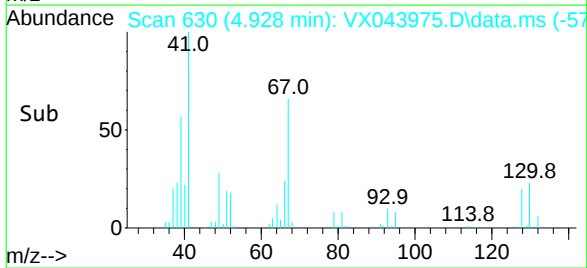
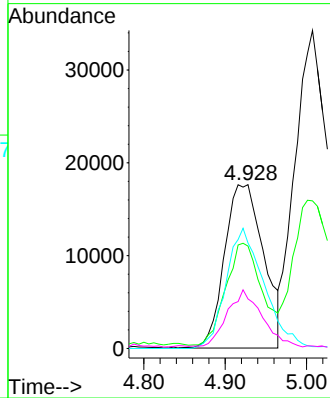
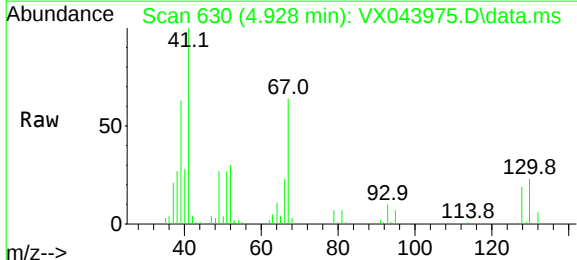
#41
Methacrylonitrile
Concen: 46.538 ug/l
RT: 4.928 min Scan# 631
Delta R.T. 0.012 min
Lab File: VX043975.D
Acq: 22 Nov 2024 21:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	58876
Ion	Ratio	Lower	Upper
41	100		
39	57.9	41.7	62.5
67	72.3	55.8	83.8
52	30.9	24.0	36.0

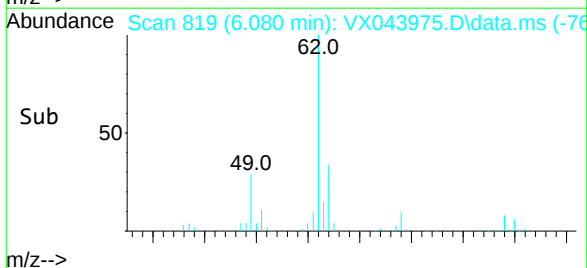
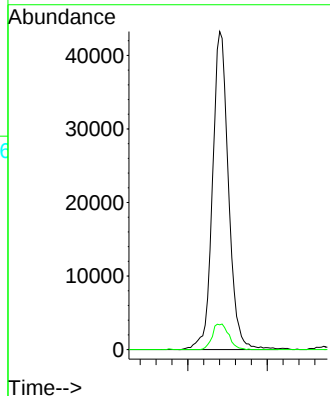
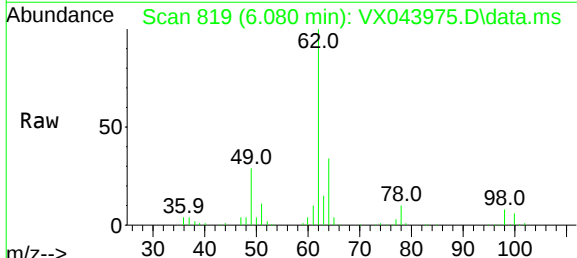
Manual Integrations
APPROVED

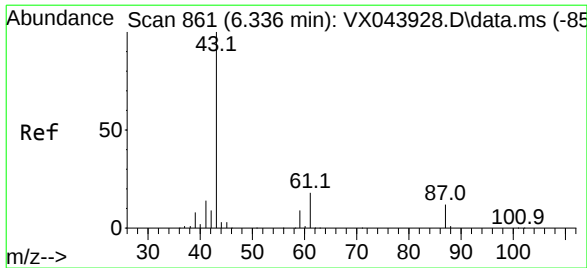
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#42
1,2-Dichloroethane
Concen: 48.527 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.006 min
Lab File: VX043975.D
Acq: 22 Nov 2024 21:05

Tgt Ion:	62	Resp:	120886
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	16.4





#43

Isopropyl Acetate

Concen: 48.002 ug/l

RT: 6.342 min Scan# 861

Delta R.T. 0.006 min

Lab File: VX043975.D

Acq: 22 Nov 2024 21:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

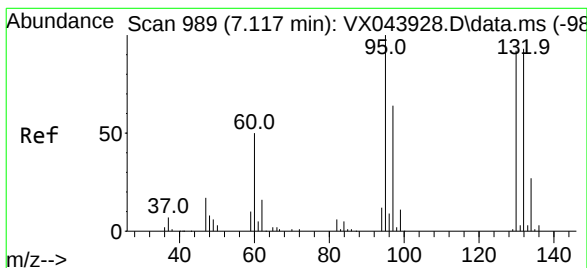
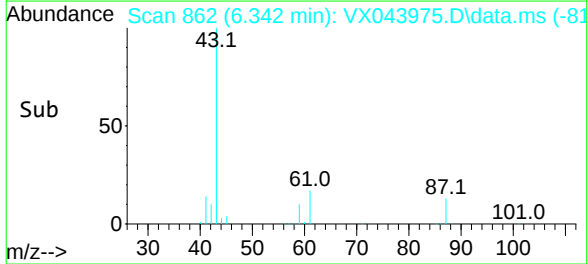
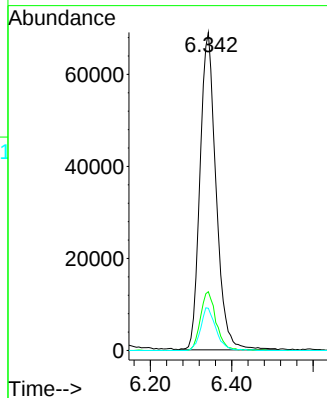
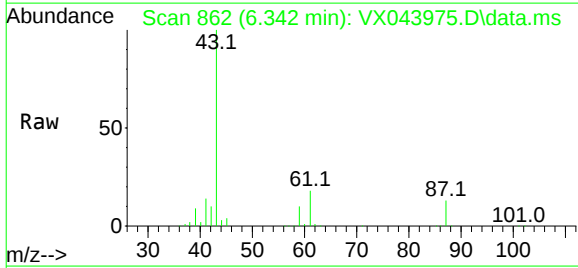
Tgt Ion:	43	Resp:	188827
Ion	Ratio	Lower	Upper
43	100		
61	18.1	14.5	21.7
87	12.7	10.2	15.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#44

Trichloroethene

Concen: 40.354 ug/l

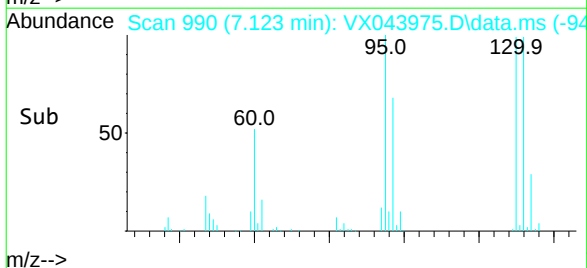
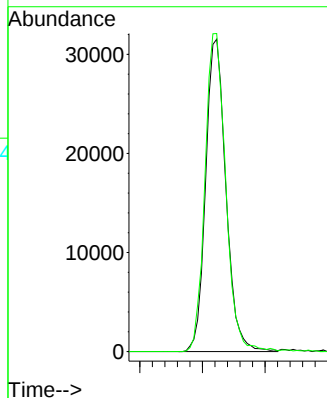
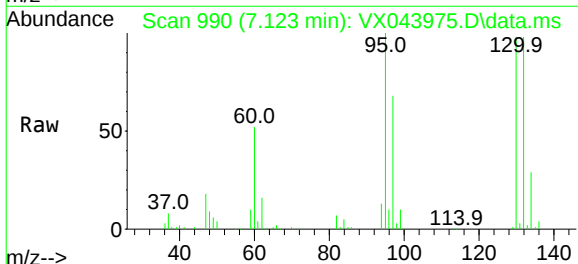
RT: 7.123 min Scan# 990

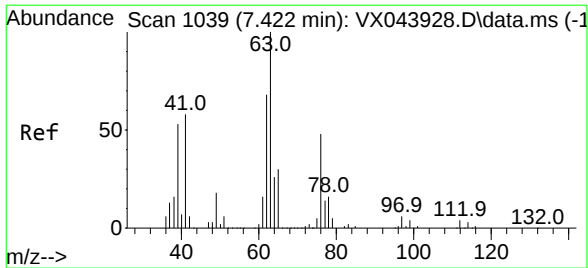
Delta R.T. 0.006 min

Lab File: VX043975.D

Acq: 22 Nov 2024 21:05

Tgt Ion:	130	Resp:	70858
Ion	Ratio	Lower	Upper
130	100		
95	101.8	0.0	217.8





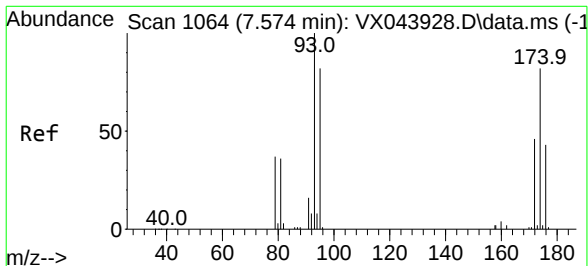
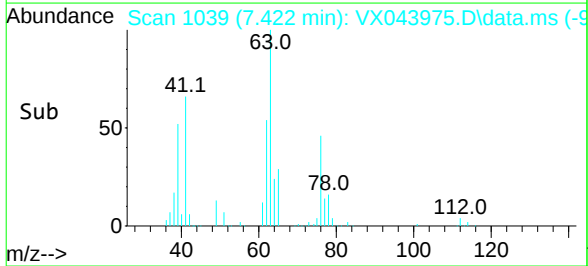
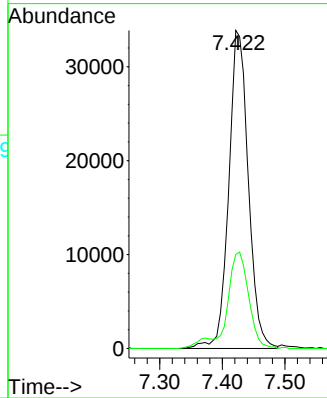
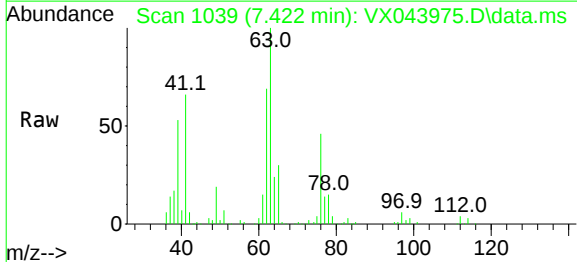
#45
1,2-Dichloropropane
Concen: 48.373 ug/l
RT: 7.422 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VX043975.D
Acq: 22 Nov 2024 21:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 73488
Ion Ratio Lower Upper
63 100
65 29.6 23.8 35.6

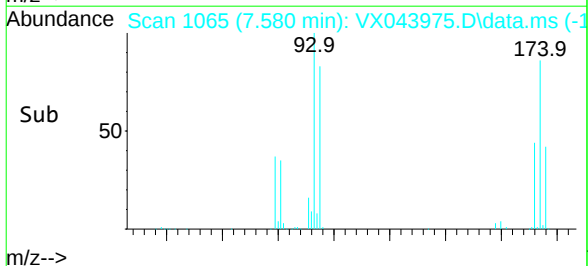
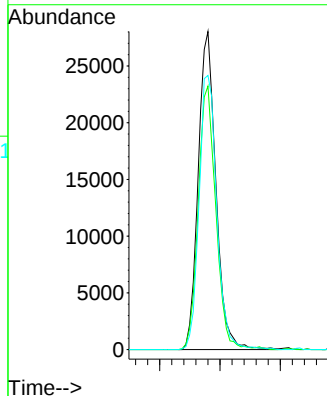
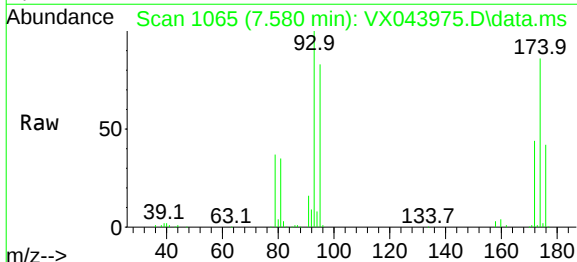
Manual Integrations
APPROVED

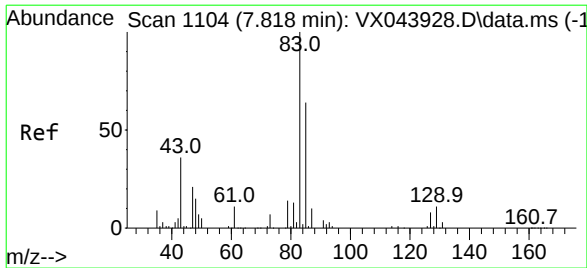
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#46
Dibromomethane
Concen: 47.608 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VX043975.D
Acq: 22 Nov 2024 21:05

Tgt Ion: 93 Resp: 57212
Ion Ratio Lower Upper
93 100
95 82.3 66.2 99.4
174 86.7 69.6 104.4





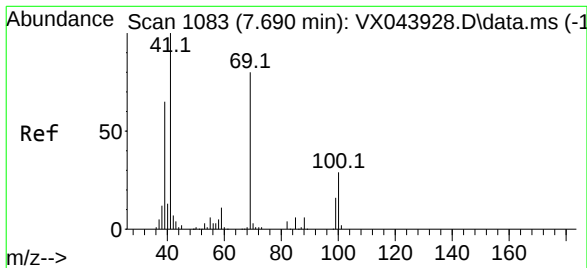
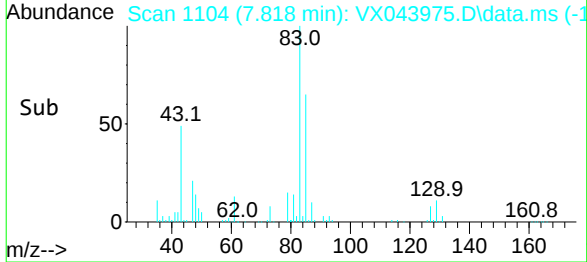
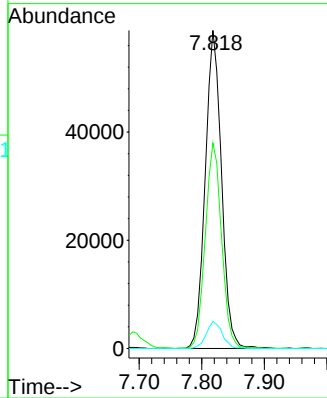
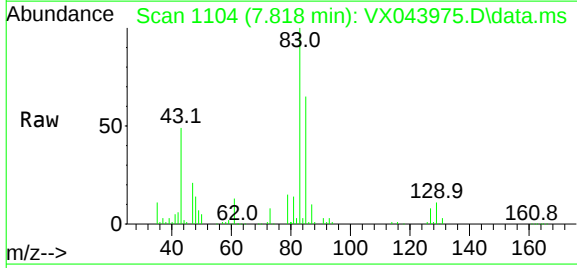
#47
Bromodichloromethane
Concen: 49.233 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX043975.D
Acq: 22 Nov 2024 21:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 106111
Ion Ratio Lower Upper
83 100
85 64.6 51.4 77.0
127 8.5 6.6 10.0

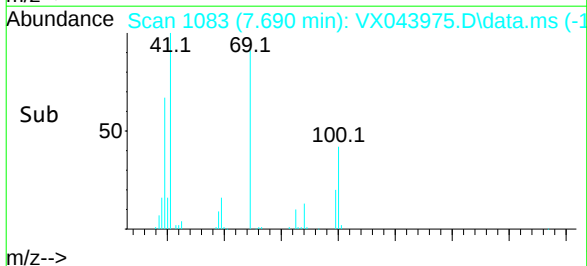
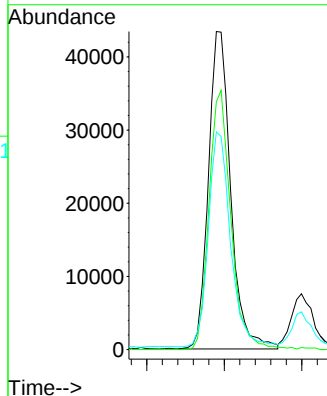
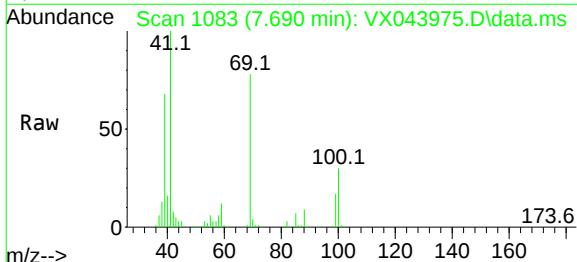
Manual Integrations
APPROVED

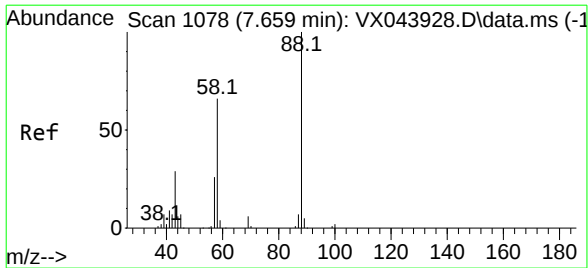
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#48
Methyl methacrylate
Concen: 45.987 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX043975.D
Acq: 22 Nov 2024 21:05

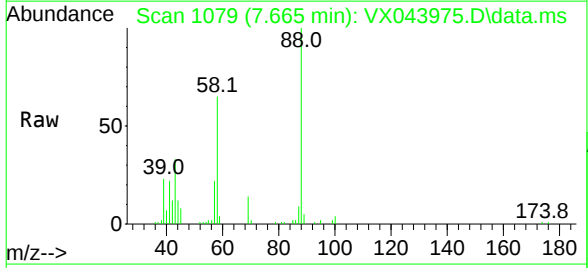
Tgt Ion: 41 Resp: 86803
Ion Ratio Lower Upper
41 100
69 80.4 64.6 97.0
39 67.2 53.3 79.9





#49
1,4-Dioxane
Concen: 708.970 ug/l
RT: 7.665 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VX043975.D
Acq: 22 Nov 2024 21:05

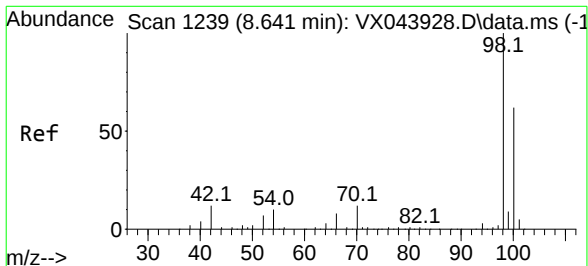
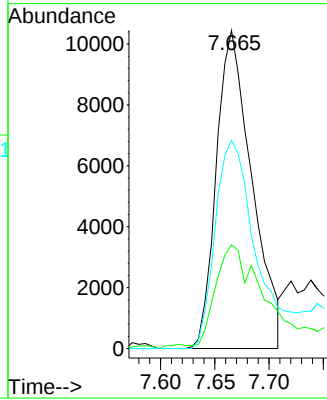
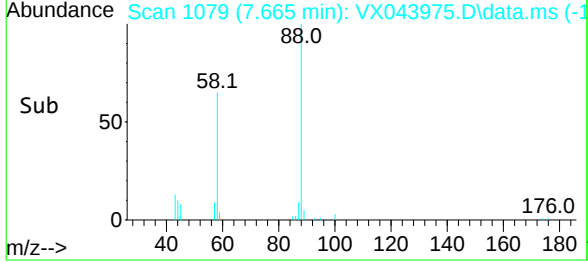
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 23838
Ion Ratio Lower Upper
88 100
43 43.2 26.8 40.2#
58 76.3 45.4 68.2#

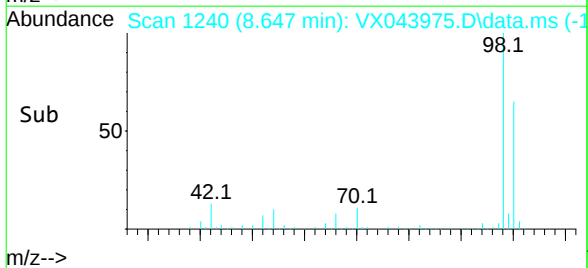
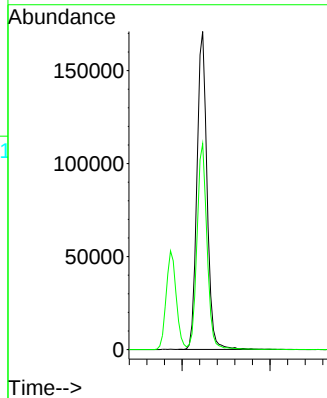
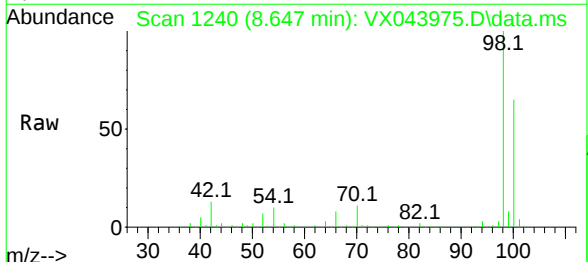
Manual Integrations
APPROVED

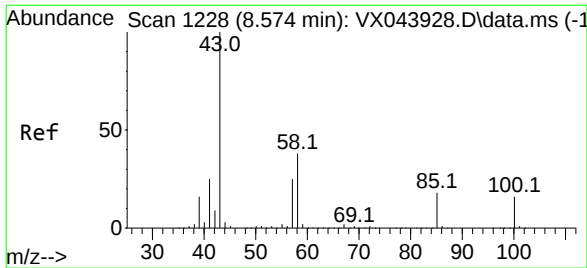
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#50
Toluene-d8
Concen: 49.385 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VX043975.D
Acq: 22 Nov 2024 21:05

Tgt Ion: 98 Resp: 272032
Ion Ratio Lower Upper
98 100
100 64.4 52.6 79.0





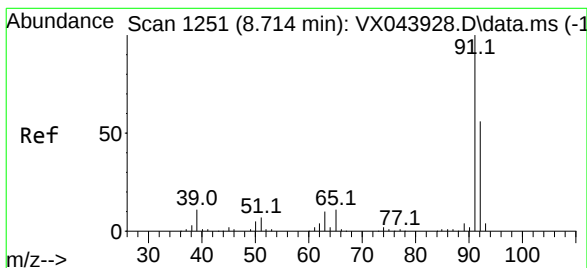
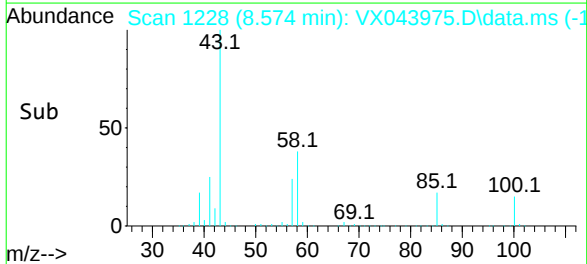
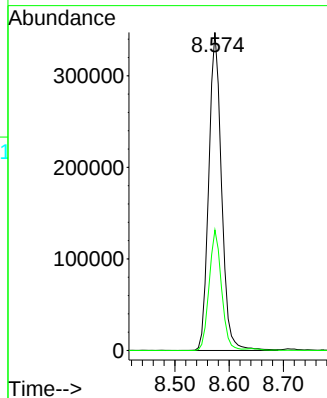
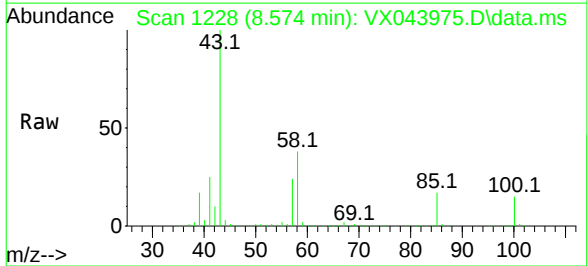
#51
4-Methyl-2-Pentanone
Concen: 237.028 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX043975.D
Acq: 22 Nov 2024 21:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 569005
Ion Ratio Lower Upper
43 100
58 36.7 30.0 45.0

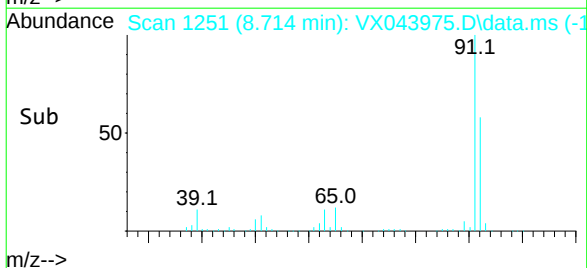
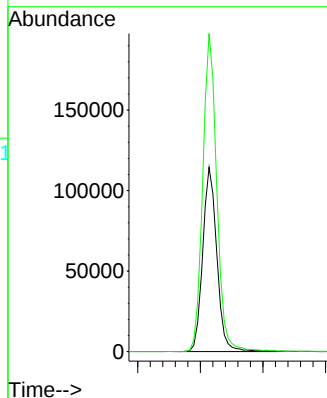
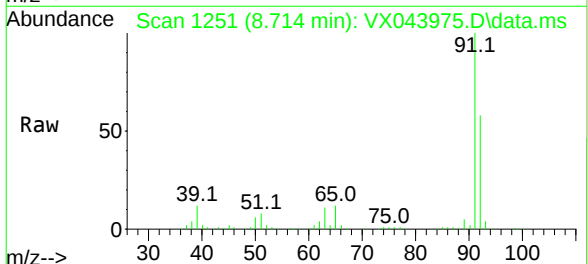
Manual Integrations
APPROVED

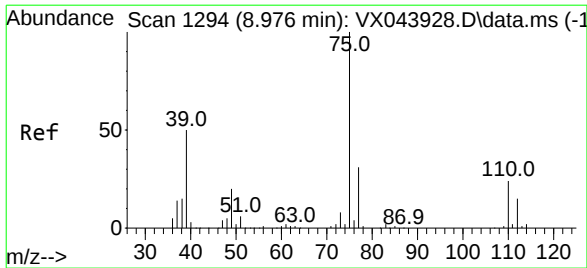
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#52
Toluene
Concen: 48.314 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX043975.D
Acq: 22 Nov 2024 21:05

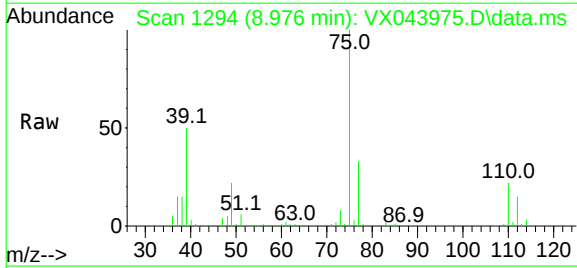
Tgt Ion: 92 Resp: 179366
Ion Ratio Lower Upper
92 100
91 171.8 139.7 209.5





#53
t-1,3-Dichloropropene
Concen: 48.867 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX043975.D
Acq: 22 Nov 2024 21:05

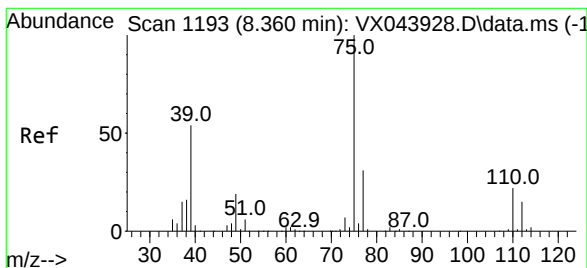
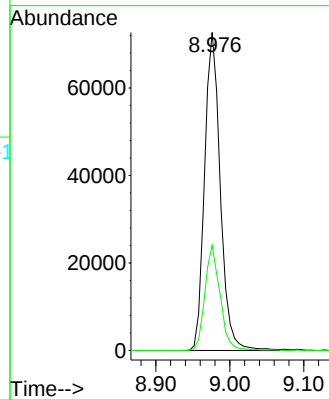
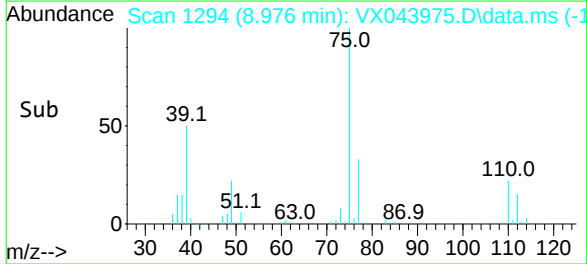
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 107403
Ion Ratio Lower Upper
75 100
77 33.1 25.1 37.7

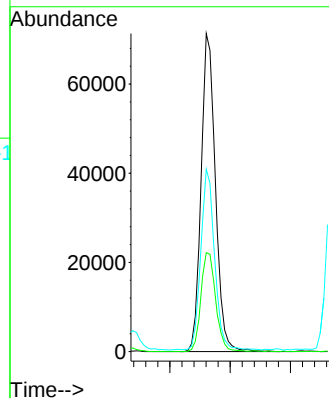
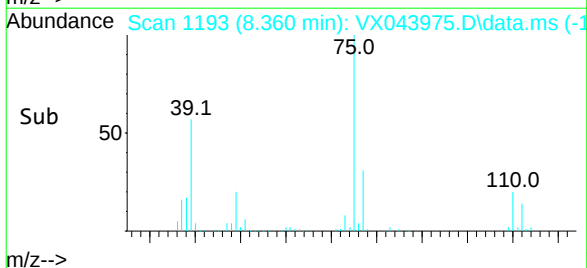
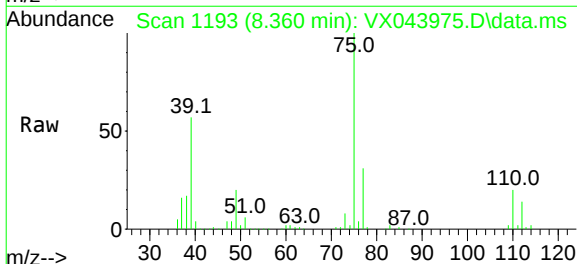
Manual Integrations
APPROVED

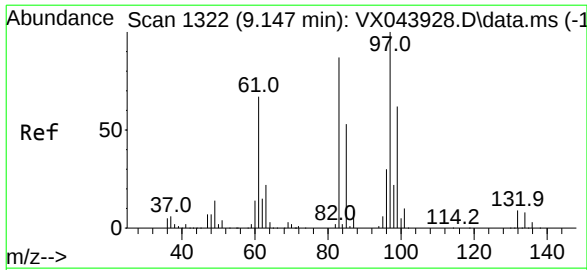
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#54
cis-1,3-Dichloropropene
Concen: 48.756 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. -0.000 min
Lab File: VX043975.D
Acq: 22 Nov 2024 21:05

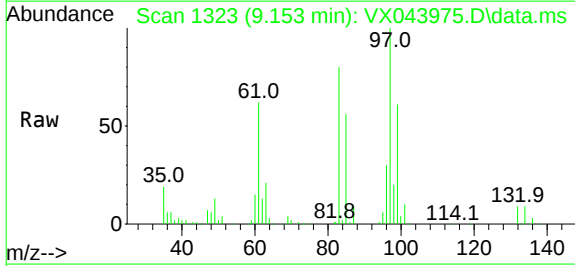
Tgt Ion: 75 Resp: 117473
Ion Ratio Lower Upper
75 100
77 31.1 25.2 37.8
39 56.8 43.1 64.7





#55
1,1,2-Trichloroethane
Concen: 47.244 ug/l
RT: 9.153 min Scan# 1322
Delta R.T. 0.006 min
Lab File: VX043975.D
Acq: 22 Nov 2024 21:05

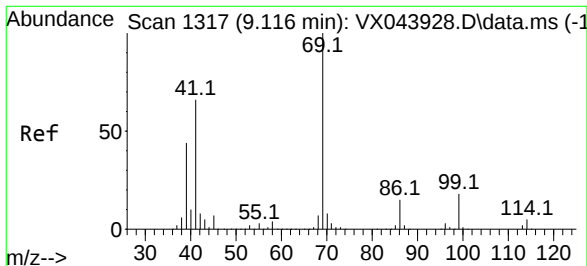
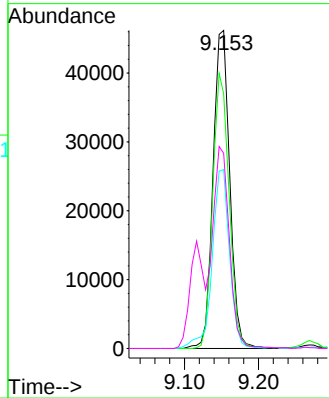
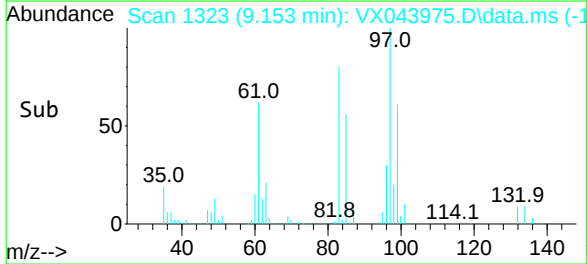
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	97	Resp:	72401
Ion	Ratio	Lower	Upper
97	100		
83	80.1	69.4	104.0
85	56.1	42.3	63.5
99	61.1	49.6	74.4

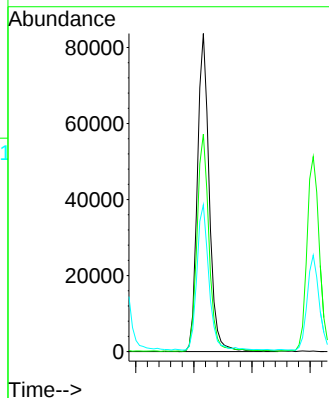
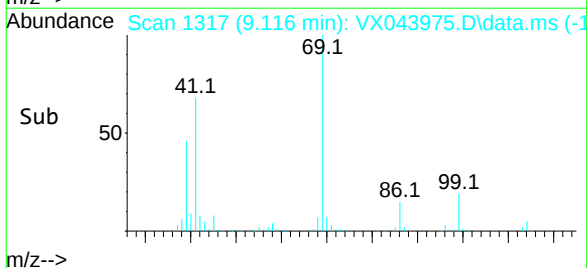
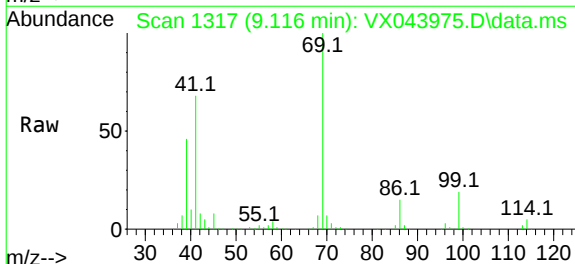
Manual Integrations
APPROVED

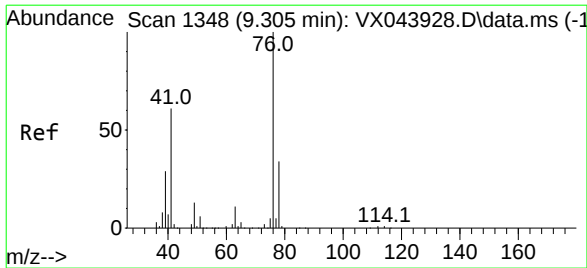
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#56
Ethyl methacrylate
Concen: 49.720 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX043975.D
Acq: 22 Nov 2024 21:05

Tgt Ion:	69	Resp:	118682
Ion	Ratio	Lower	Upper
69	100		
41	68.8	55.8	83.8
39	45.4	36.7	55.1





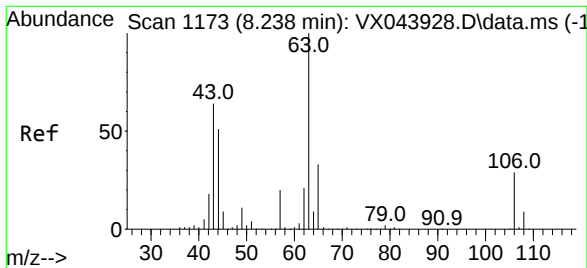
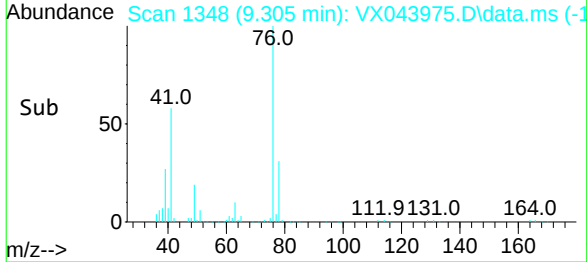
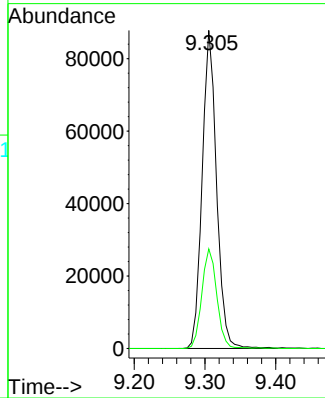
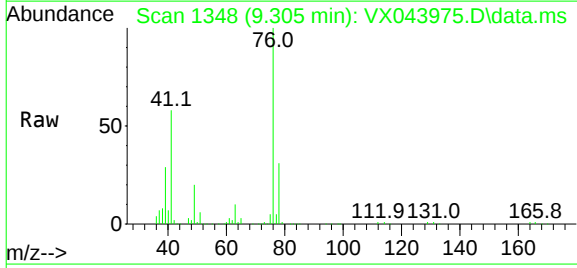
#57
1,3-Dichloropropane
Concen: 48.020 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VX043975.D
Acq: 22 Nov 2024 21:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 123967
Ion Ratio Lower Upper
76 100
78 32.7 26.0 39.0

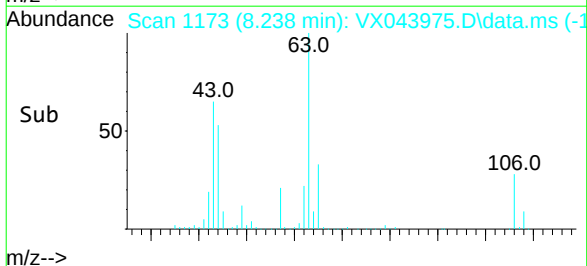
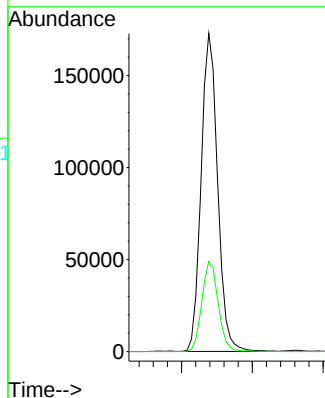
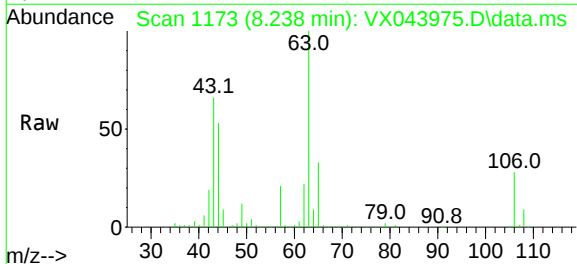
Manual Integrations
APPROVED

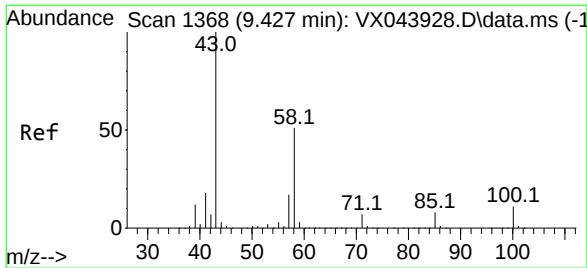
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#58
2-Chloroethyl Vinyl ether
Concen: 213.469 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX043975.D
Acq: 22 Nov 2024 21:05

Tgt Ion: 63 Resp: 279741
Ion Ratio Lower Upper
63 100
106 28.2 23.0 34.6





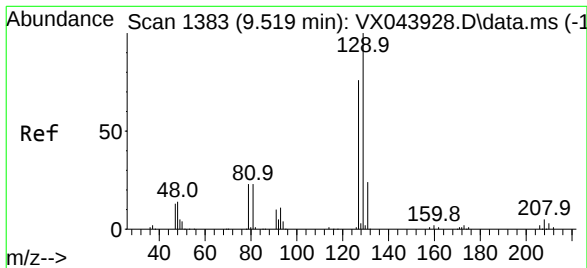
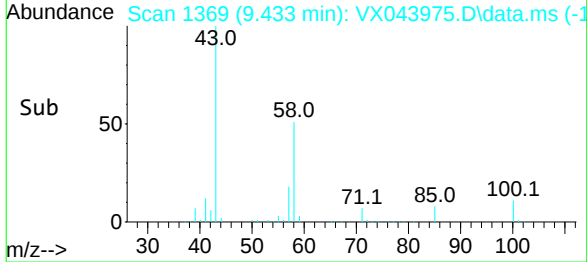
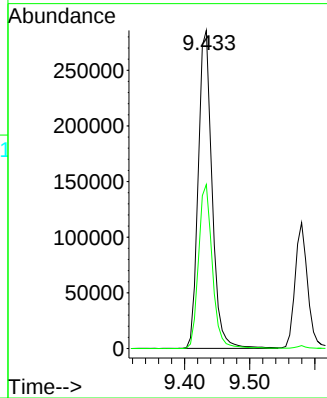
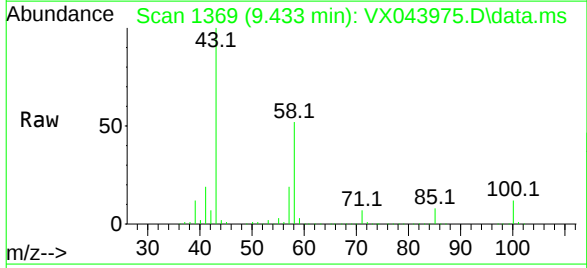
#59
2-Hexanone
Concen: 233.298 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX043975.D
Acq: 22 Nov 2024 21:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 420948
Ion Ratio Lower Upper
43 100
58 51.7 25.9 77.6

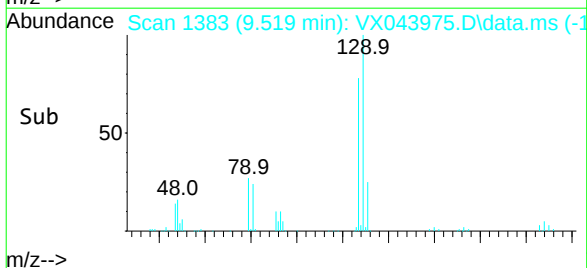
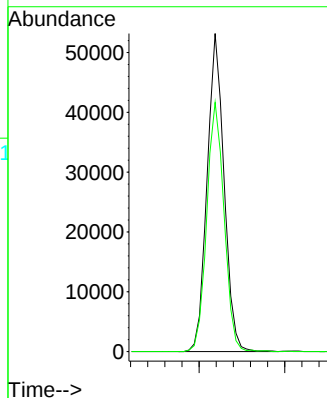
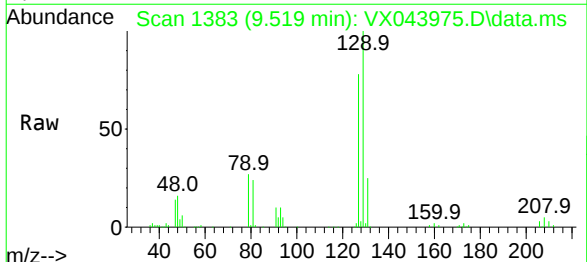
Manual Integrations
APPROVED

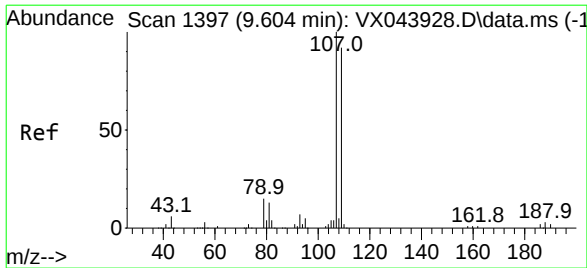
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#60
Dibromochloromethane
Concen: 47.547 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX043975.D
Acq: 22 Nov 2024 21:05

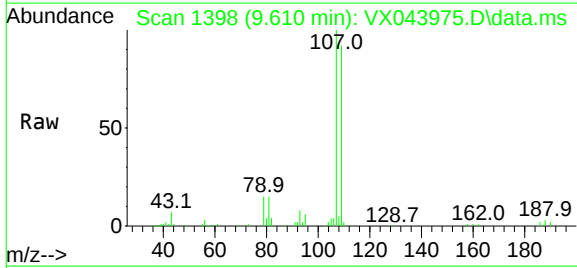
Tgt Ion:129 Resp: 73109
Ion Ratio Lower Upper
129 100
127 79.9 38.2 114.6





#61
1,2-Dibromoethane
Concen: 49.118 ug/l
RT: 9.610 min Scan# 1397
Delta R.T. 0.006 min
Lab File: VX043975.D
Acq: 22 Nov 2024 21:05

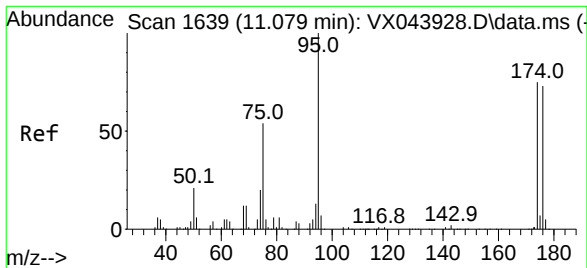
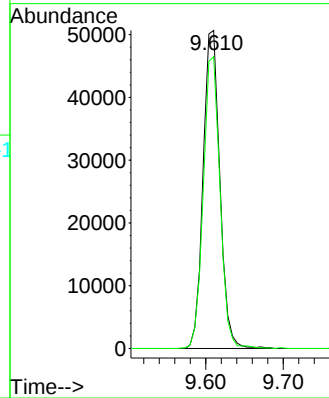
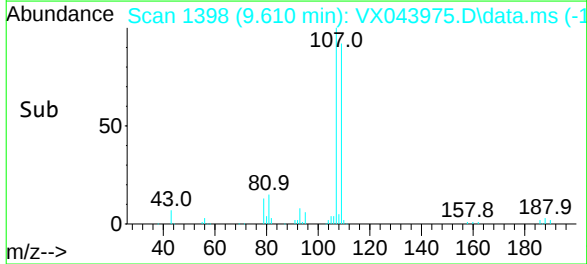
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 107 Resp: 76113
Ion Ratio Lower Upper
107 100
109 91.6 75.2 112.8

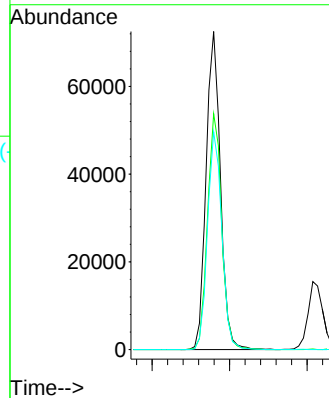
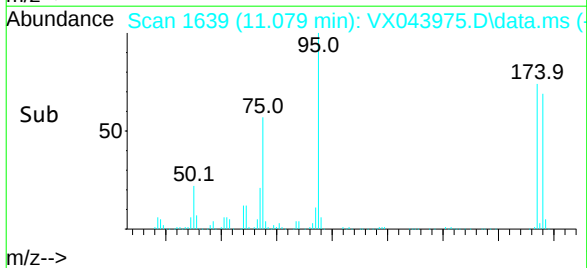
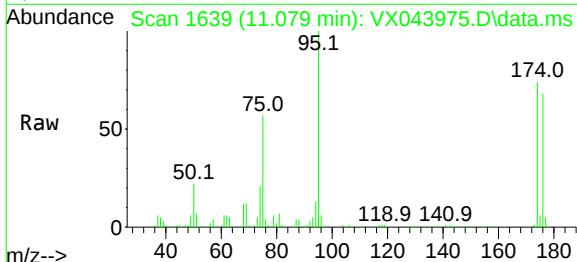
Manual Integrations
APPROVED

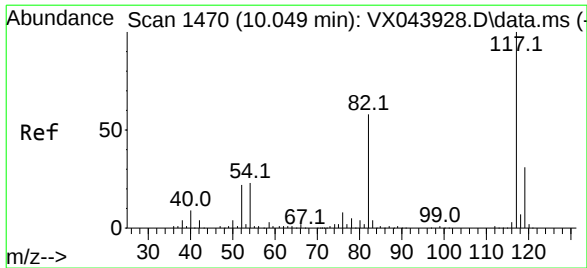
Reviewed By : John Carlone 11/25/2024
Supervised By : Mahesh Dadoda 11/25/2024



#62
4-Bromofluorobenzene
Concen: 49.694 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043975.D
Acq: 22 Nov 2024 21:05

Tgt Ion: 95 Resp: 93160
Ion Ratio Lower Upper
95 100
174 73.4 0.0 150.4
176 68.4 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX043975.D

Acq: 22 Nov 2024 21:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

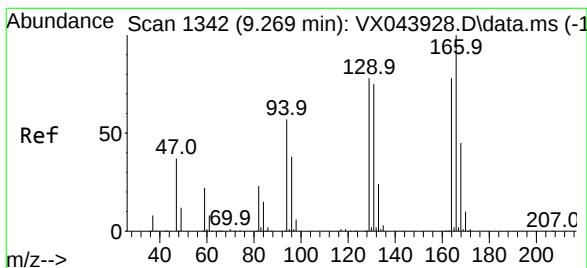
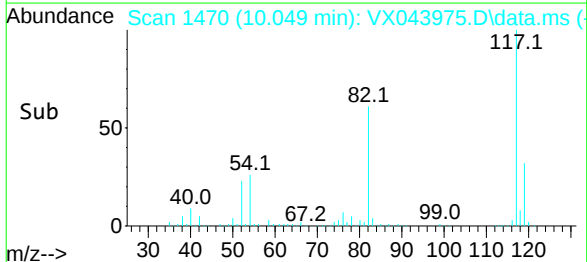
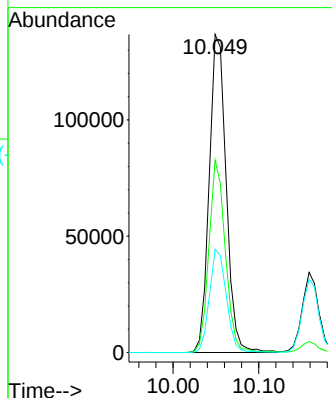
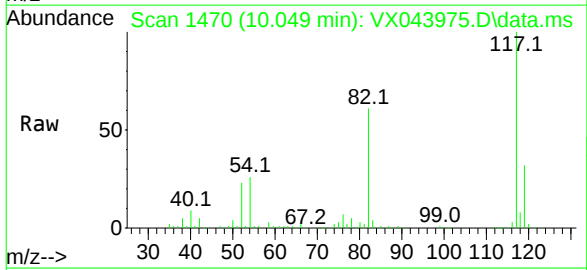
Tgt Ion:	117	Resp:	188299
Ion	Ratio	Lower	Upper
117	100		
82	60.5	46.4	69.6
119	32.5	24.6	37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#64

Tetrachloroethene

Concen: 46.307 ug/l

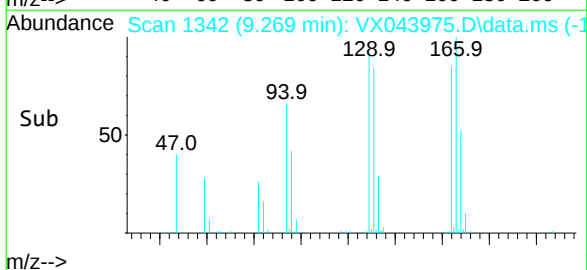
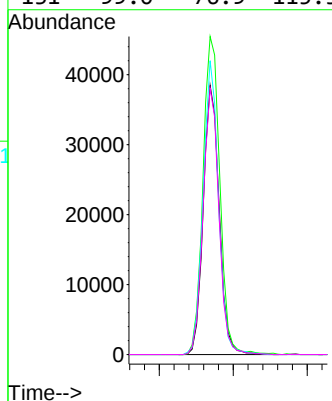
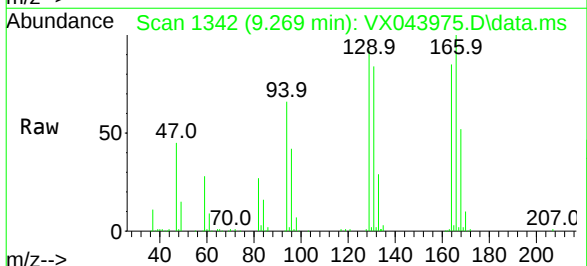
RT: 9.269 min Scan# 1342

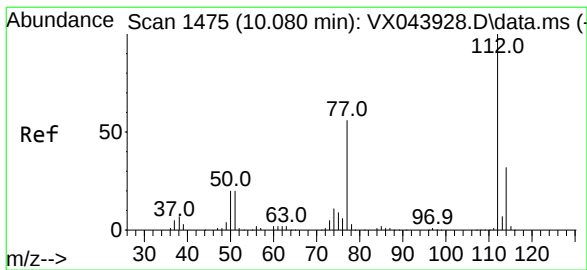
Delta R.T. -0.000 min

Lab File: VX043975.D

Acq: 22 Nov 2024 21:05

Tgt Ion:	164	Resp:	57495
Ion	Ratio	Lower	Upper
164	100		
166	118.2	102.1	153.1
129	109.2	79.6	119.4
131	99.0	76.9	115.3





#65

Chlorobenzene

Concen: 47.680 ug/l

RT: 10.080 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX043975.D

Acq: 22 Nov 2024 21:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:112 Resp: 197185

Ion Ratio Lower Upper

112 100

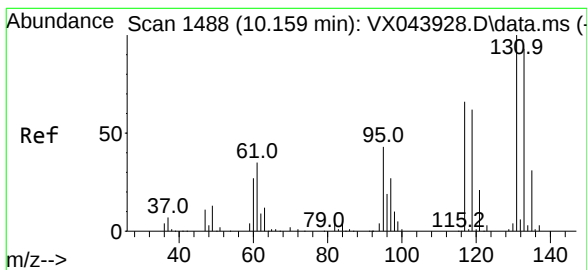
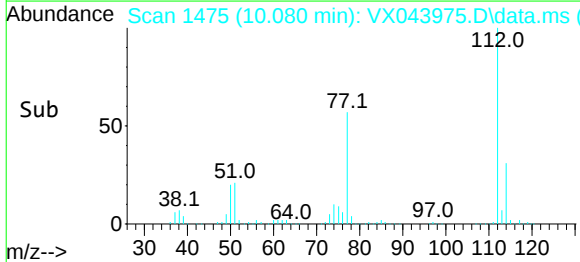
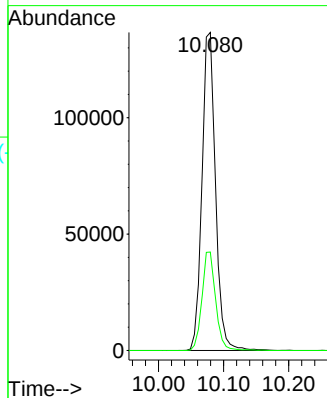
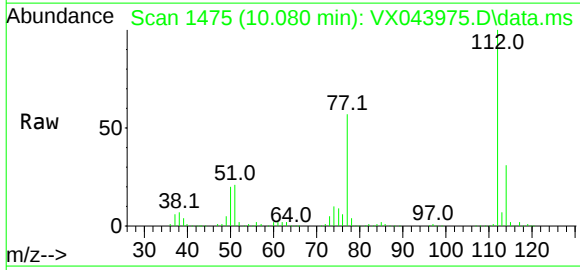
114 31.0 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 49.398 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. -0.000 min

Lab File: VX043975.D

Acq: 22 Nov 2024 21:05

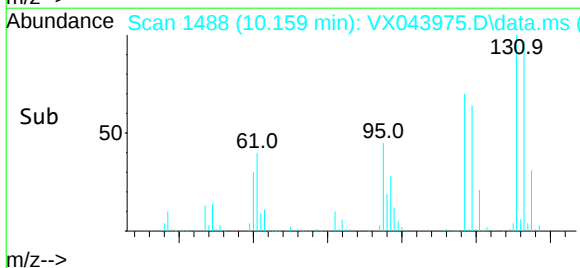
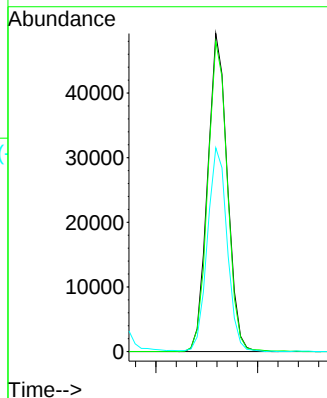
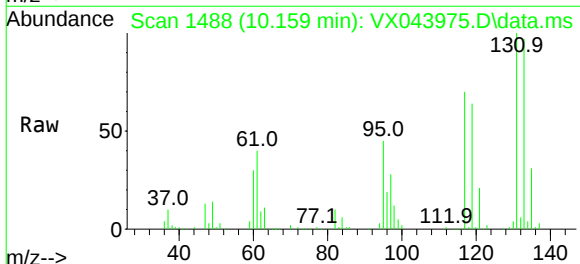
Tgt Ion:131 Resp: 66254

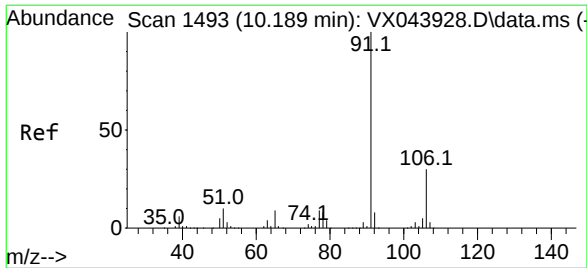
Ion Ratio Lower Upper

131 100

133 96.9 48.2 144.6

119 64.2 31.5 94.5





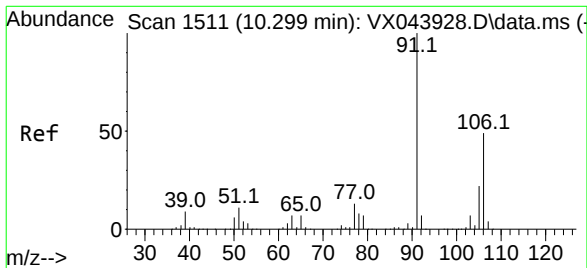
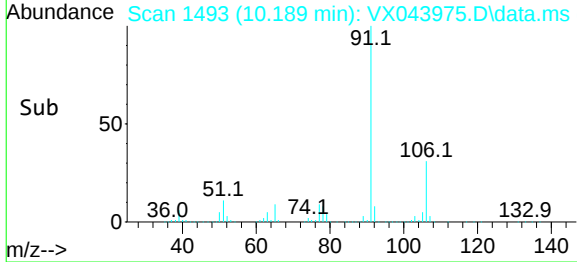
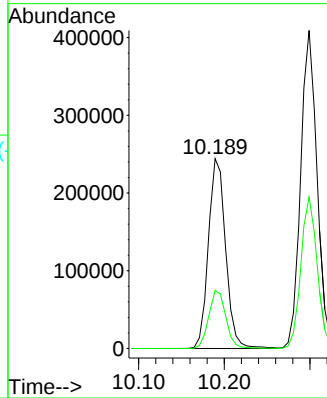
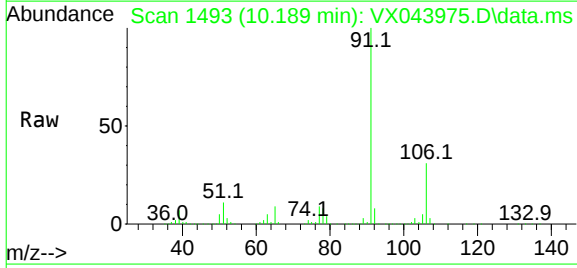
#67
Ethyl Benzene
Concen: 48.699 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX043975.D
Acq: 22 Nov 2024 21:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 341272
Ion Ratio Lower Upper
91 100
106 30.6 23.6 35.4

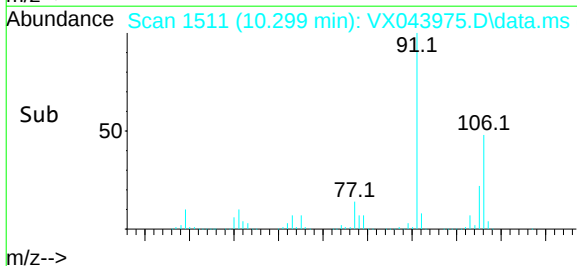
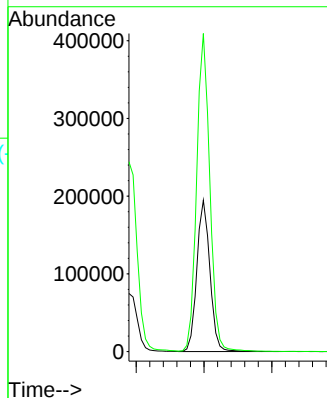
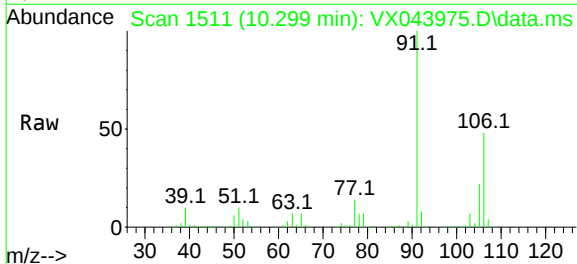
Manual Integrations
APPROVED

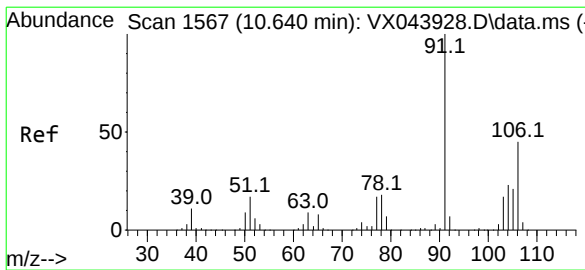
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#68
m/p-Xylenes
Concen: 99.287 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX043975.D
Acq: 22 Nov 2024 21:05

Tgt Ion:106 Resp: 259471
Ion Ratio Lower Upper
106 100
91 211.5 168.1 252.1





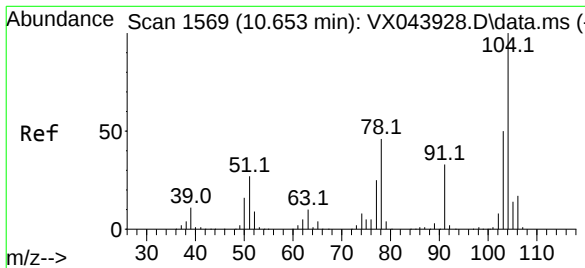
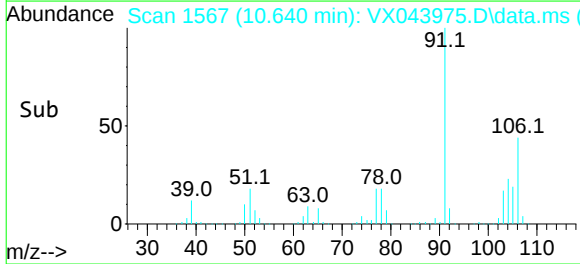
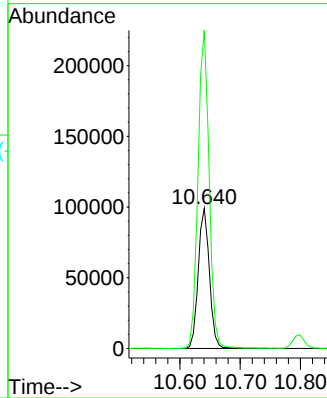
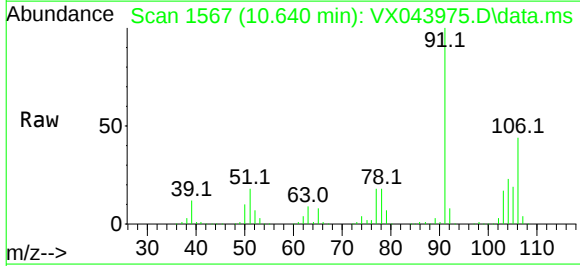
#69
o-Xylene
Concen: 49.924 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX043975.D
Acq: 22 Nov 2024 21:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 127383
Ion Ratio Lower Upper
106 100
91 226.5 110.2 330.6

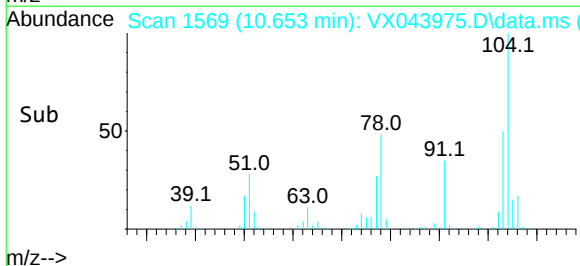
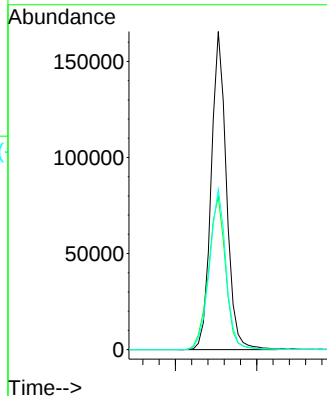
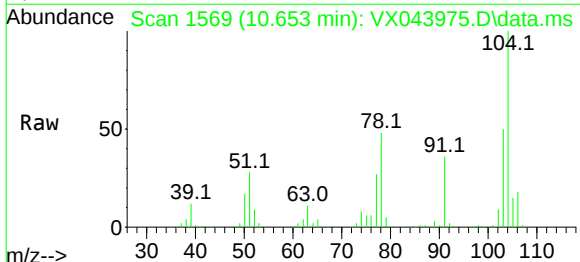
Manual Integrations
APPROVED

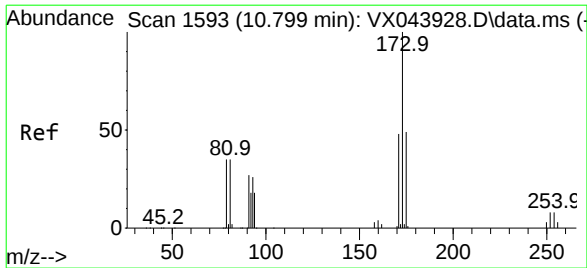
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#70
Styrene
Concen: 51.134 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX043975.D
Acq: 22 Nov 2024 21:05

Tgt Ion:104 Resp: 215795
Ion Ratio Lower Upper
104 100
78 54.0 42.2 63.2
103 54.8 44.7 67.1





#71

Bromoform

Concen: 44.579 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX043975.D

Acq: 22 Nov 2024 21:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

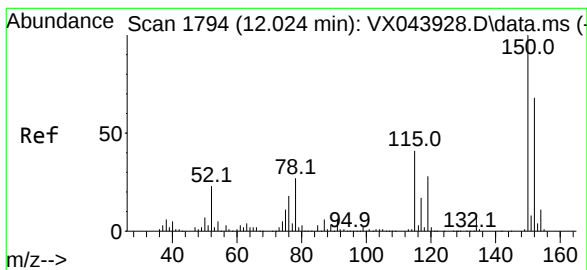
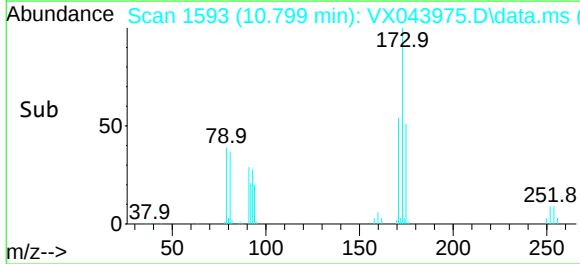
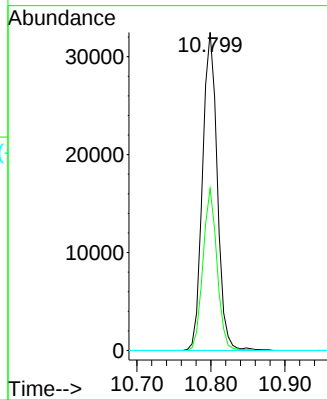
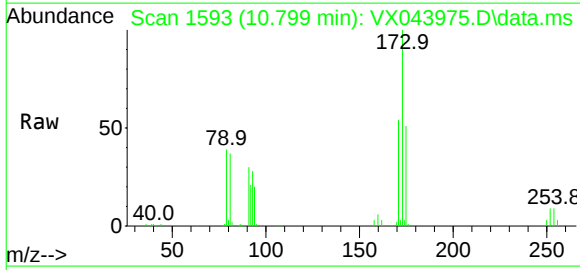
Tgt Ion:	173	Resp:	45026
Ion Ratio	Lower	Upper	
173	100		
175	48.5	24.1	72.2
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

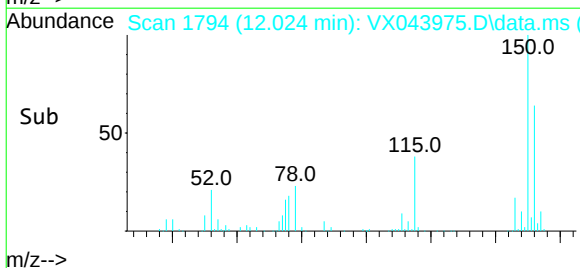
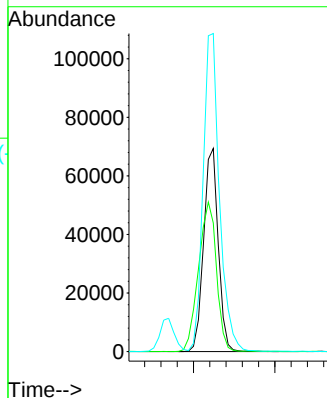
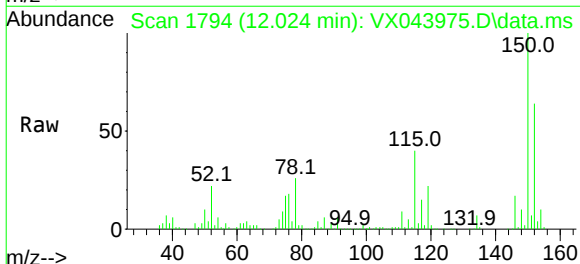
RT: 12.024 min Scan# 1794

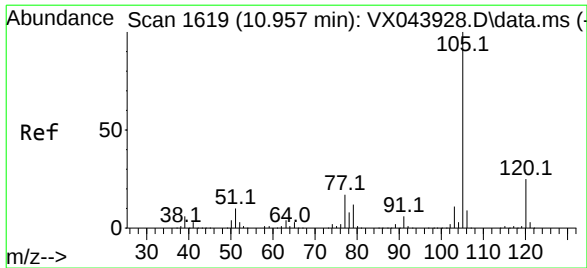
Delta R.T. -0.000 min

Lab File: VX043975.D

Acq: 22 Nov 2024 21:05

Tgt Ion:	152	Resp:	86425
Ion Ratio	Lower	Upper	
152	100		
115	90.5	45.4	136.2
150	174.4	0.0	353.0





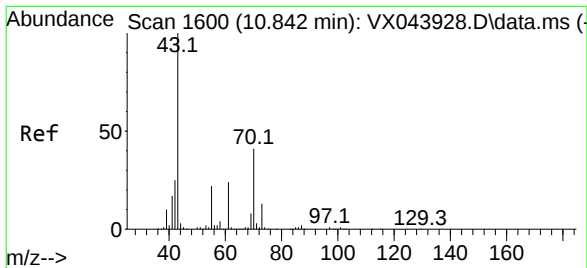
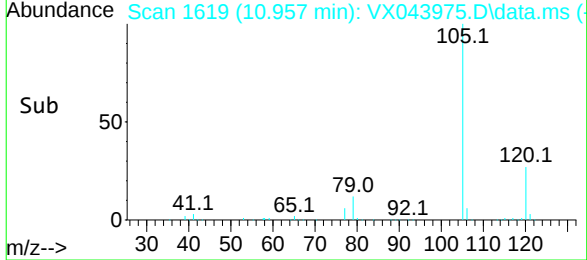
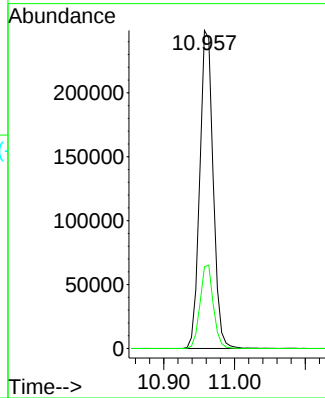
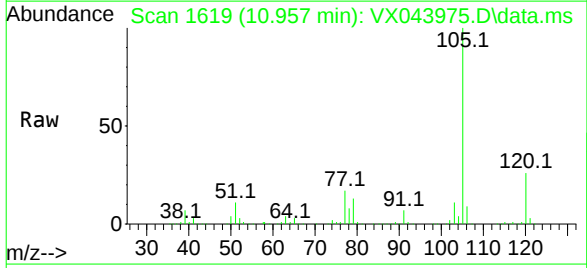
#73
Isopropylbenzene
Concen: 49.244 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX043975.D
Acq: 22 Nov 2024 21:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 327150
Ion Ratio Lower Upper
105 100
120 26.0 13.0 38.9

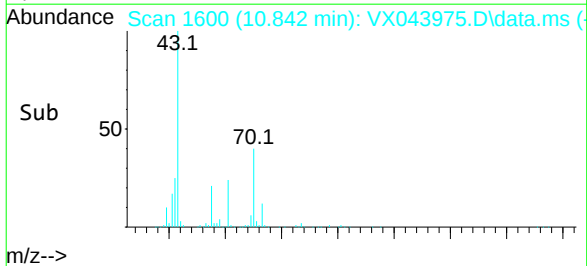
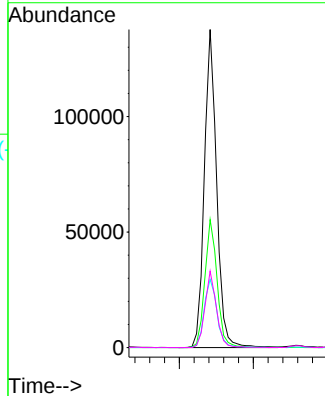
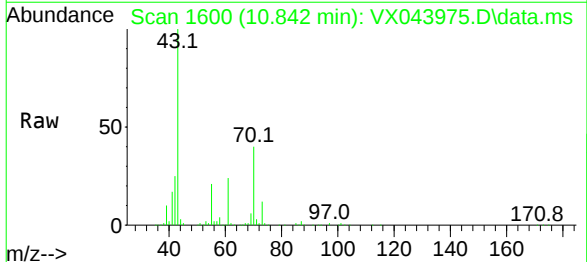
Manual Integrations
APPROVED

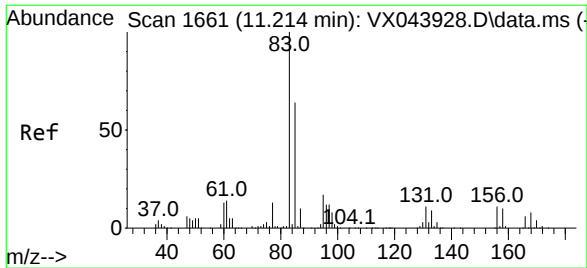
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#74
N-ethyl acetate
Concen: 51.633 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX043975.D
Acq: 22 Nov 2024 21:05

Tgt Ion: 43 Resp: 158903
Ion Ratio Lower Upper
43 100
70 40.4 32.2 48.2
55 22.5 18.1 27.1
61 22.6 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 49.312 ug/l

RT: 11.214 min Scan# 1661

Delta R.T. -0.000 min

Lab File: VX043975.D

Acq: 22 Nov 2024 21:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

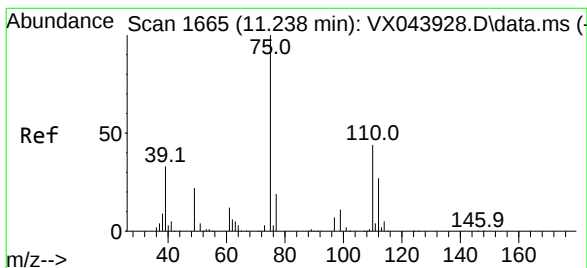
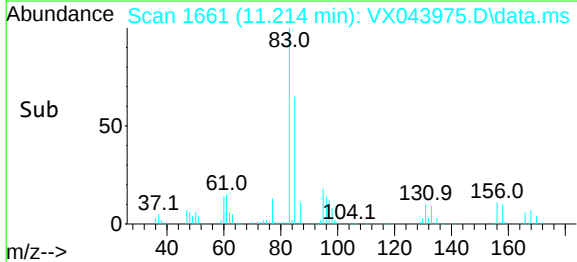
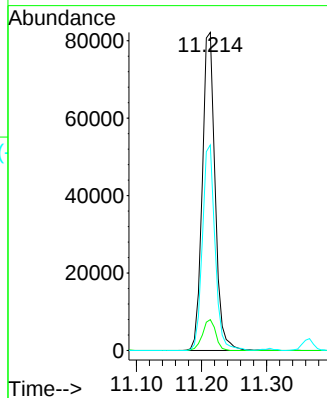
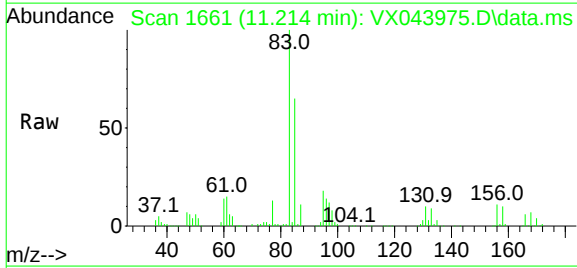
Tgt Ion: 83	Resp: 112173
Ion Ratio	Lower Upper
83 100	
131 10.0	5.1 15.2
85 63.9	32.2 96.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#76

1,2,3-Trichloropropane

Concen: 49.896 ug/l m

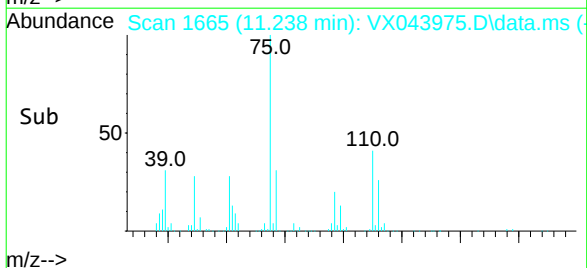
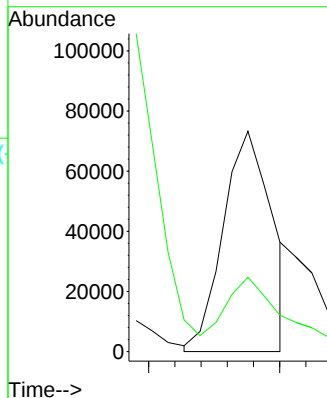
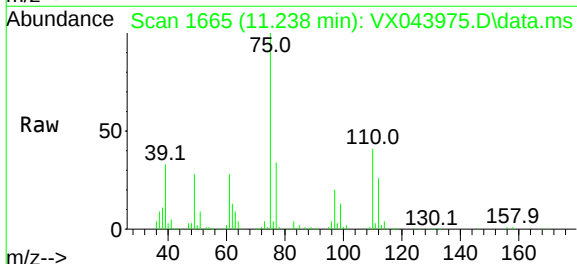
RT: 11.238 min Scan# 1665

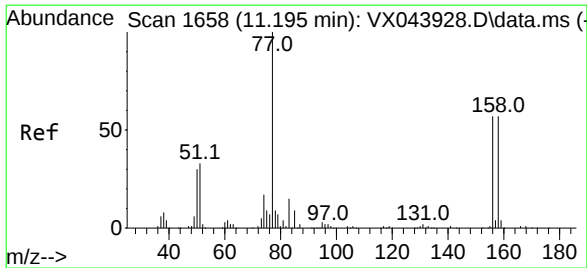
Delta R.T. -0.000 min

Lab File: VX043975.D

Acq: 22 Nov 2024 21:05

Tgt Ion: 75	Resp: 94567
Ion Ratio	Lower Upper
75 100	
77 41.9	21.8 65.3





#77

Bromobenzene

Concen: 47.990 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX043975.D

Acq: 22 Nov 2024 21:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

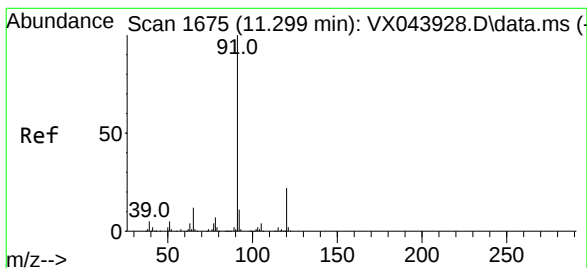
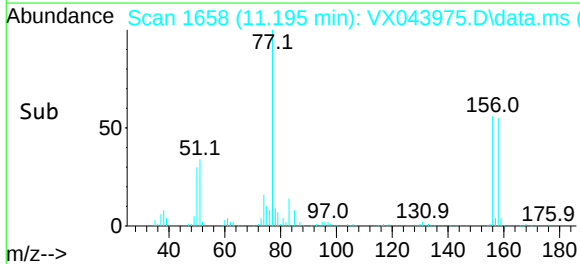
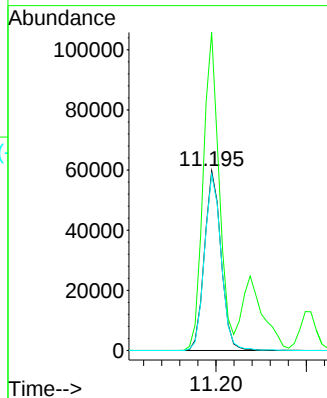
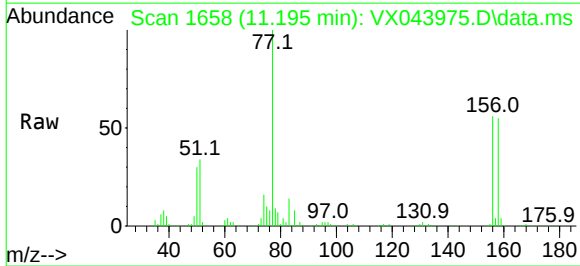
Tgt	Ion:156	Resp:	76053
Ion	Ratio	Lower	Upper
156	100		
77	170.8	83.4	250.1
158	99.1	47.6	142.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#78

n-propylbenzene

Concen: 51.172 ug/l

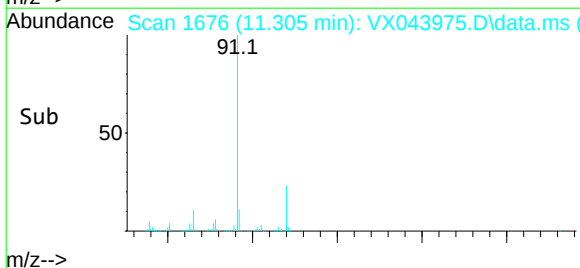
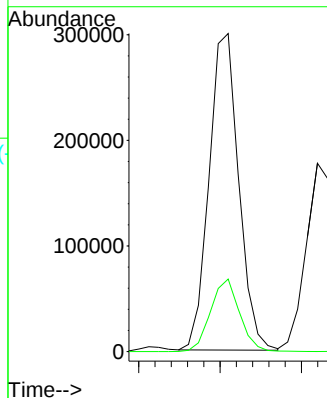
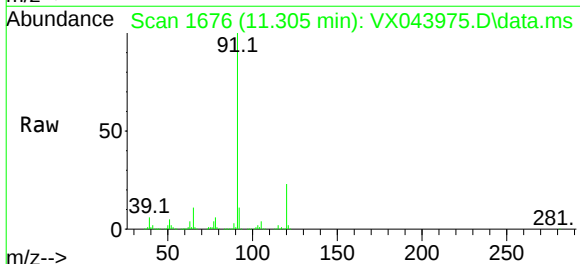
RT: 11.305 min Scan# 1676

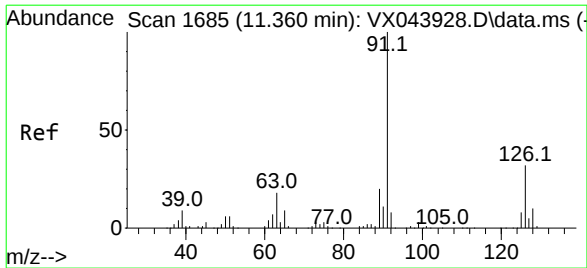
Delta R.T. 0.006 min

Lab File: VX043975.D

Acq: 22 Nov 2024 21:05

Tgt	Ion: 91	Resp:	379686
Ion	Ratio	Lower	Upper
91	100		
120	22.5	11.5	34.4





#79

2-Chlorotoluene

Concen: 49.328 ug/l

RT: 11.360 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VX043975.D

Acq: 22 Nov 2024 21:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 231439

Ion Ratio Lower Upper

91 100

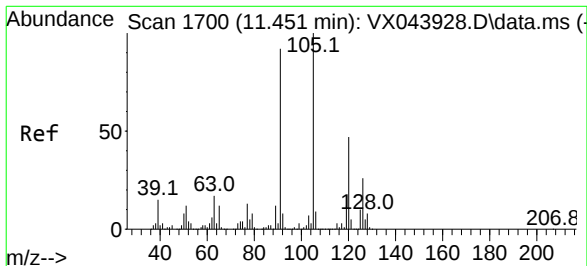
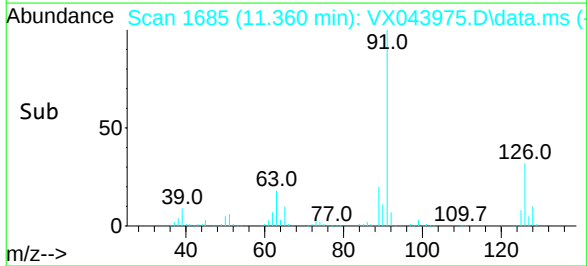
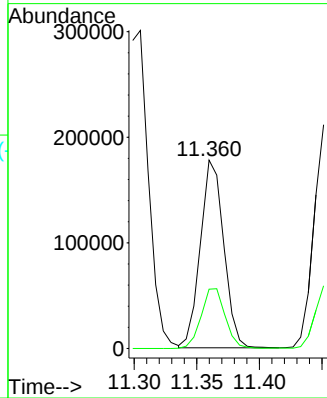
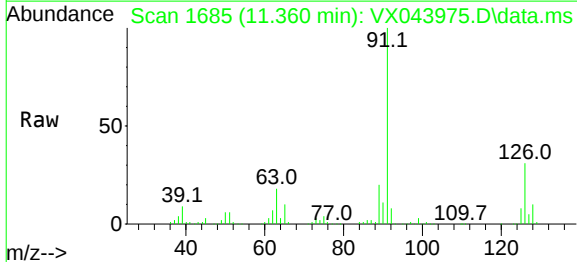
126 32.8 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#80

1,3,5-Trimethylbenzene

Concen: 50.803 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX043975.D

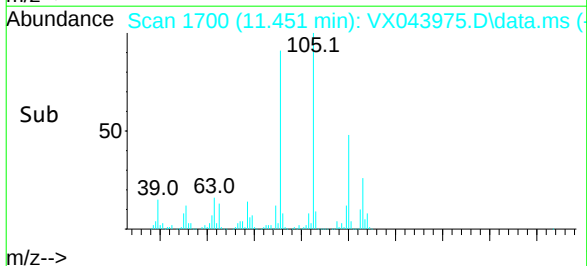
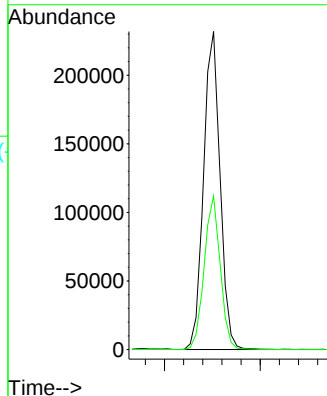
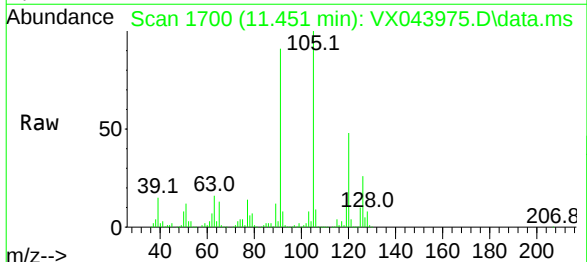
Acq: 22 Nov 2024 21:05

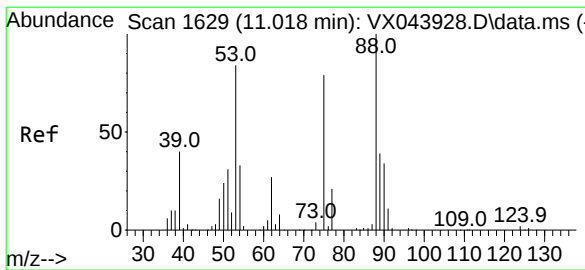
Tgt Ion:105 Resp: 277669

Ion Ratio Lower Upper

105 100

120 47.0 23.3 69.8





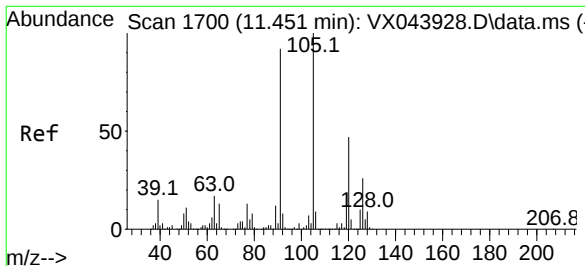
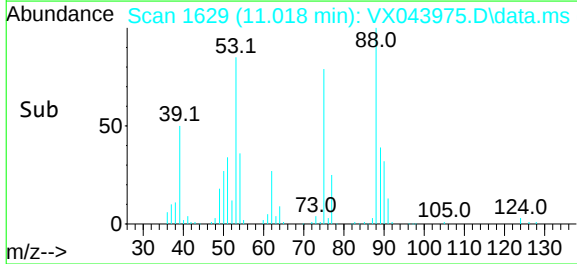
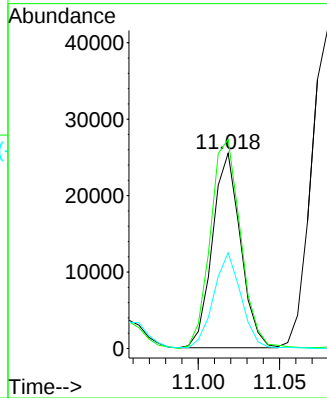
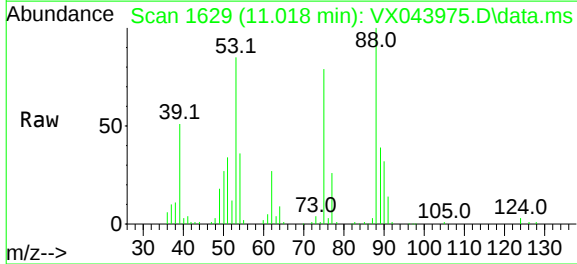
#81
trans-1,4-Dichloro-2-butene
Concen: 44.087 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX043975.D
Acq: 22 Nov 2024 21:05

Instrument : MSVOA_X
ClientSampleId : VSTDCCC050EC

Tgt Ion: 75 Resp: 30621
Ion Ratio Lower Upper
75 100
53 116.2 86.7 130.1
89 48.4 38.2 57.2

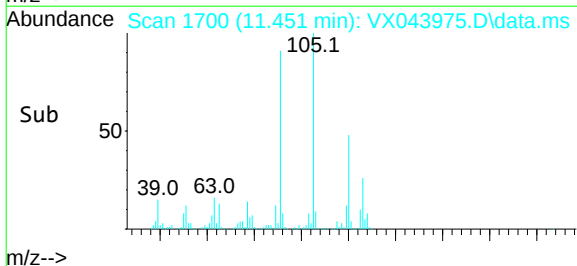
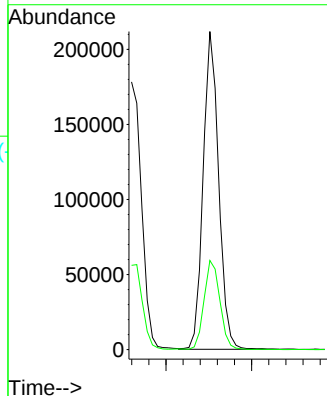
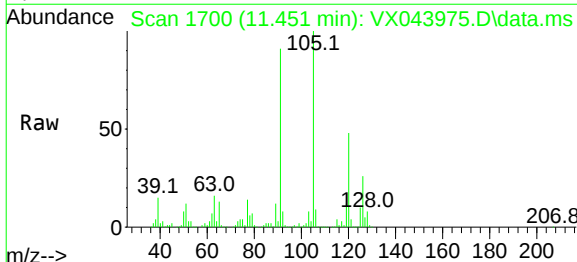
Manual Integrations
APPROVED

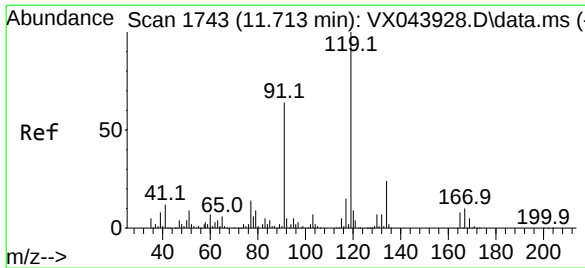
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#82
4-Chlorotoluene
Concen: 50.170 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX043975.D
Acq: 22 Nov 2024 21:05

Tgt Ion: 91 Resp: 265745
Ion Ratio Lower Upper
91 100
126 28.7 14.3 42.9





#83

tert-Butylbenzene

Concen: 50.777 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX043975.D

Acq: 22 Nov 2024 21:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

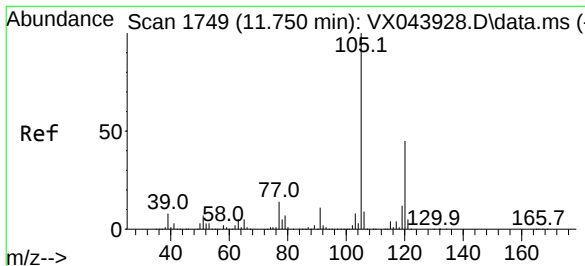
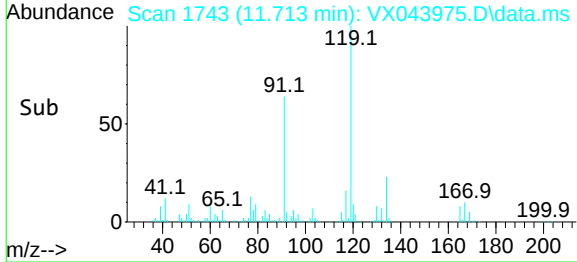
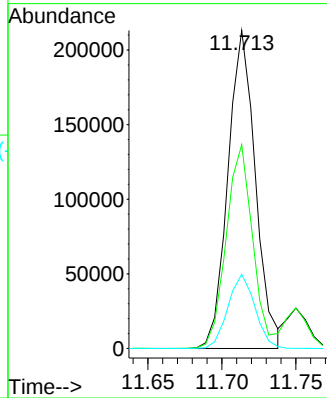
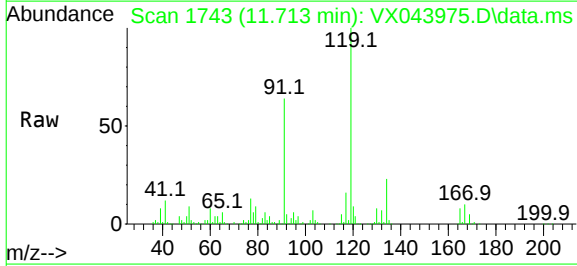
Tgt Ion:	119	Resp:	275078
Ion Ratio	Lower	Upper	
119	100		
91	62.3	31.0	93.0
134	22.9	11.6	34.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#84

1,2,4-Trimethylbenzene

Concen: 50.446 ug/l

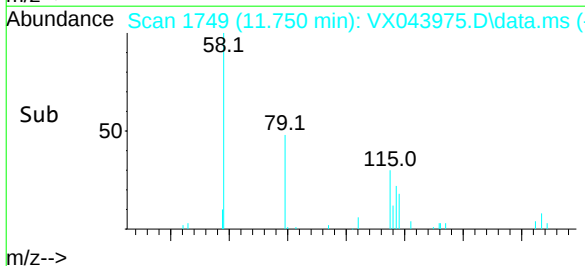
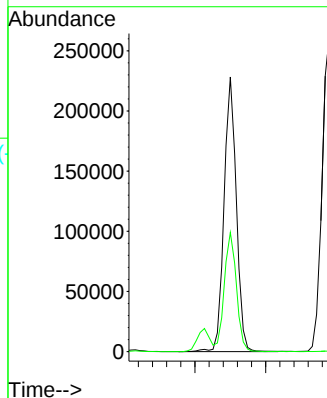
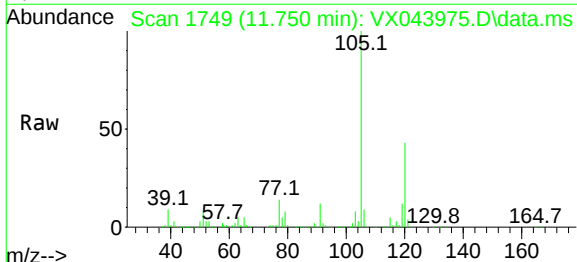
RT: 11.750 min Scan# 1749

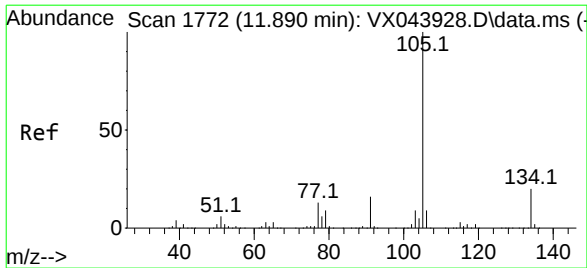
Delta R.T. -0.000 min

Lab File: VX043975.D

Acq: 22 Nov 2024 21:05

Tgt Ion:	105	Resp:	274500
Ion Ratio	Lower	Upper	
105	100		
120	43.0	21.9	65.7





#85

sec-Butylbenzene

Concen: 49.060 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX043975.D

Acq: 22 Nov 2024 21:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 325633

Ion Ratio Lower Upper

105 100

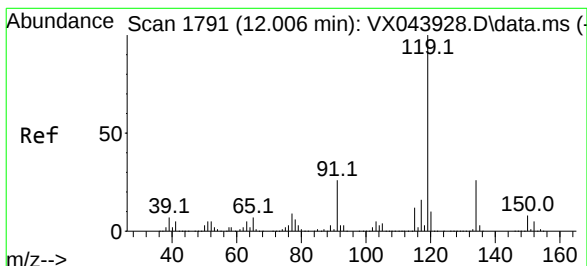
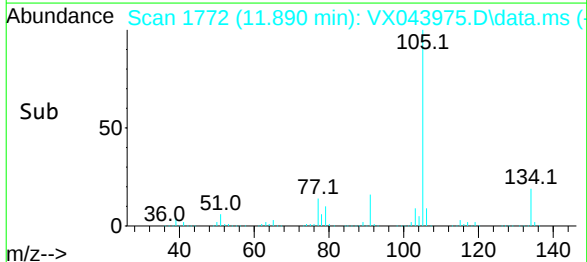
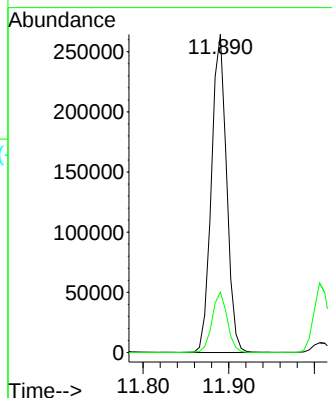
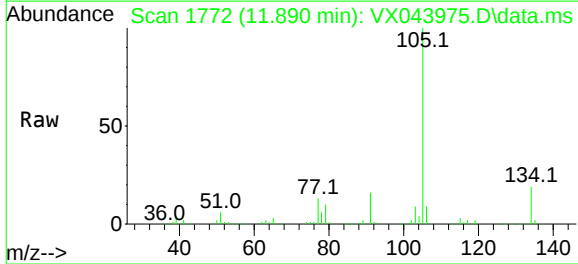
134 18.9 9.7 29.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#86

p-Isopropyltoluene

Concen: 50.312 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX043975.D

Acq: 22 Nov 2024 21:05

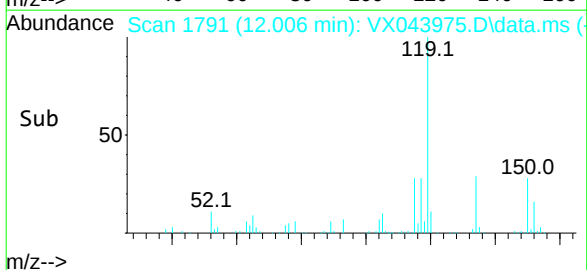
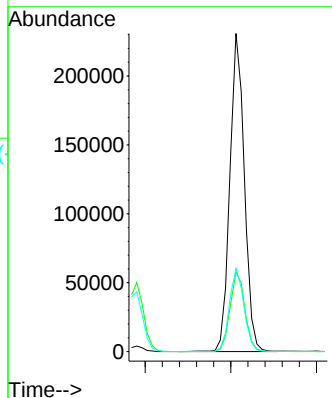
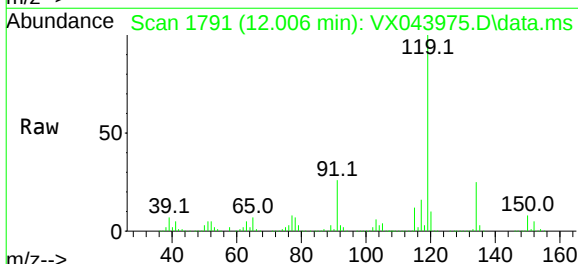
Tgt Ion:119 Resp: 271259

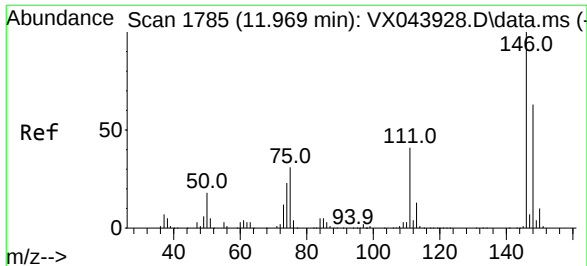
Ion Ratio Lower Upper

119 100

134 25.6 13.0 38.9

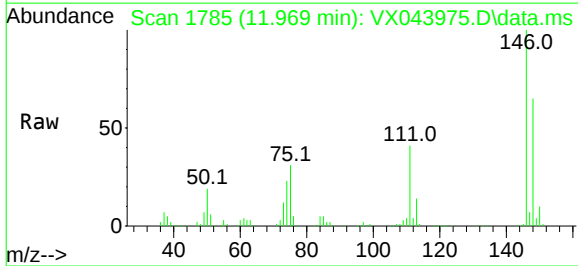
91 26.3 13.0 38.9





#87
1,3-Dichlorobenzene
Concen: 47.044 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX043975.D
Acq: 22 Nov 2024 21:05

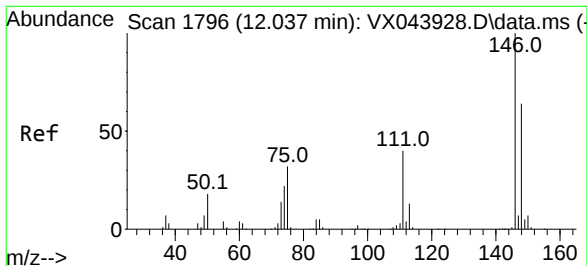
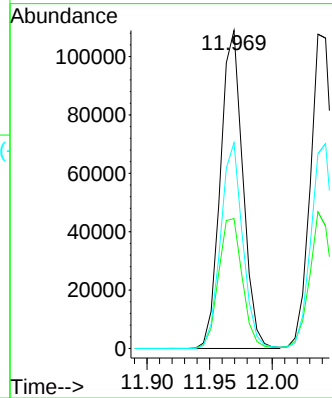
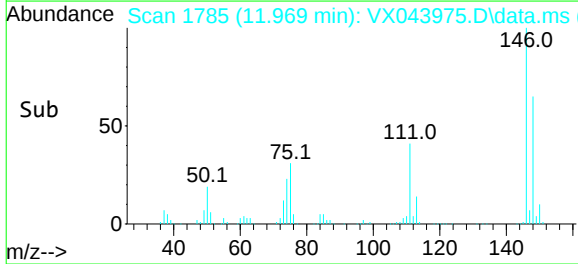
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 135787
Ion Ratio Lower Upper
146 100
111 43.3 21.1 63.3
148 63.5 31.7 95.1

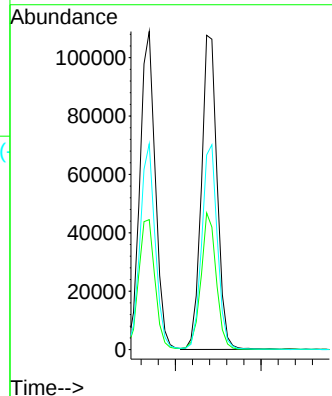
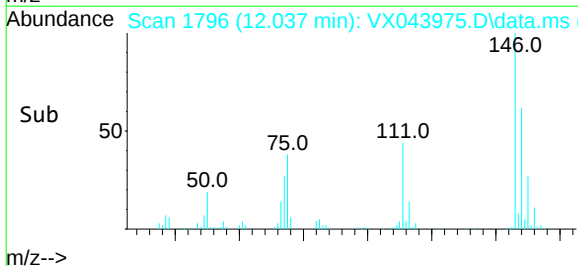
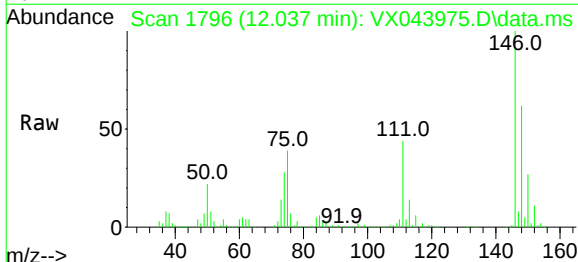
Manual Integrations
APPROVED

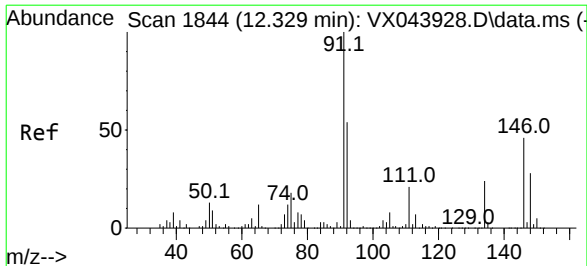
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#88
1,4-Dichlorobenzene
Concen: 46.839 ug/l
RT: 12.037 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX043975.D
Acq: 22 Nov 2024 21:05

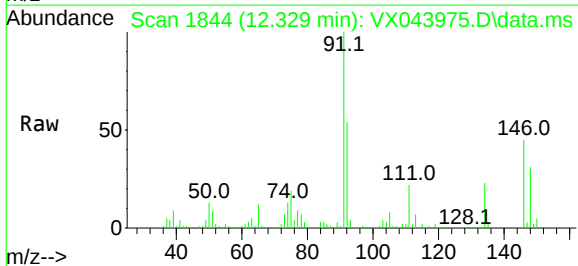
Tgt Ion:146 Resp: 137836
Ion Ratio Lower Upper
146 100
111 41.8 20.1 60.3
148 64.8 30.9 92.8





#89
n-Butylbenzene
Concen: 50.543 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX043975.D
Acq: 22 Nov 2024 21:05

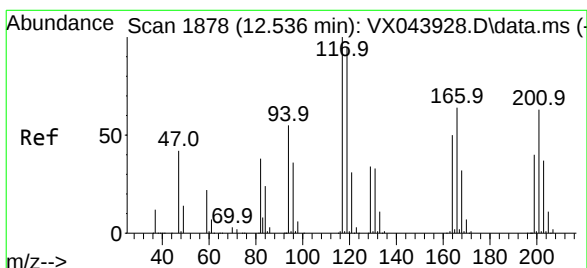
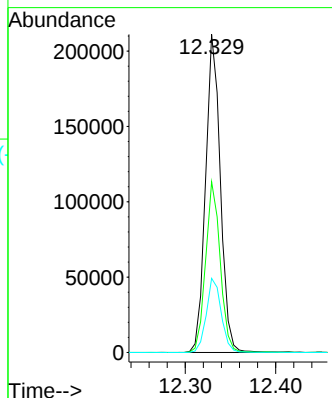
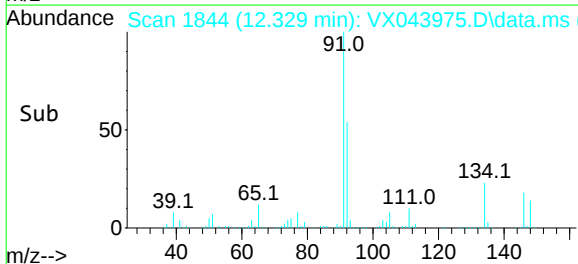
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 240255
Ion Ratio Lower Upper
91 100
92 52.9 26.6 79.8
134 23.6 12.4 37.2

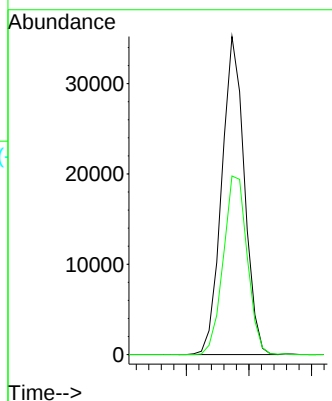
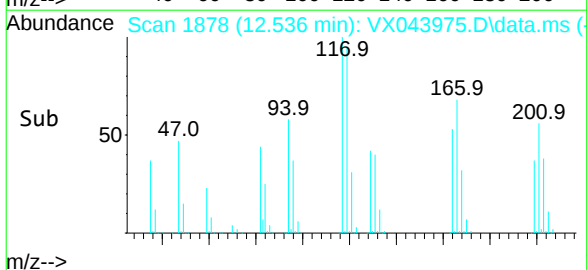
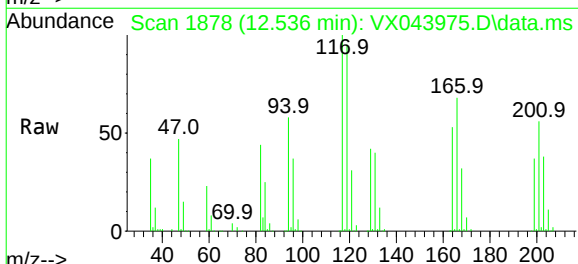
Manual Integrations
APPROVED

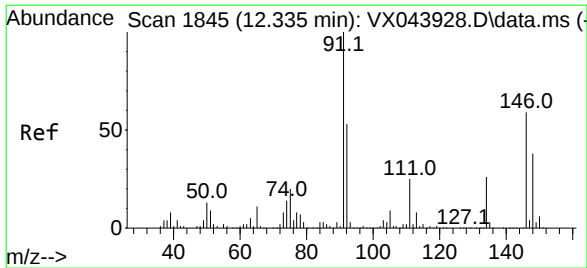
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#90
Hexachloroethane
Concen: 48.179 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX043975.D
Acq: 22 Nov 2024 21:05

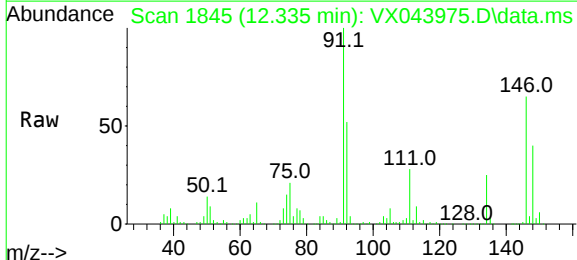
Tgt Ion:117 Resp: 44170
Ion Ratio Lower Upper
117 100
201 59.5 32.4 97.0





#91
1,2-Dichlorobenzene
Concen: 47.819 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX043975.D
Acq: 22 Nov 2024 21:05

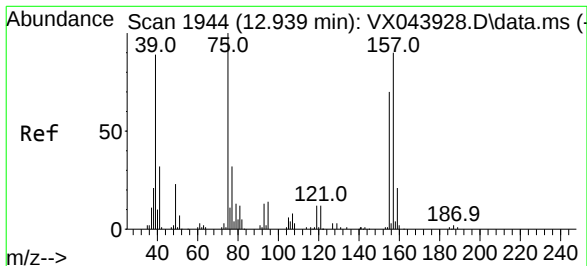
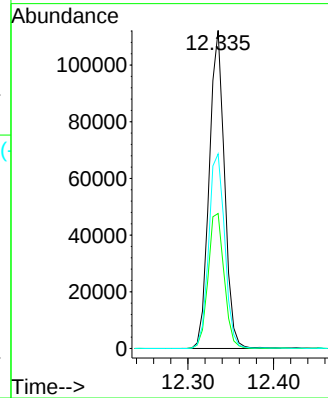
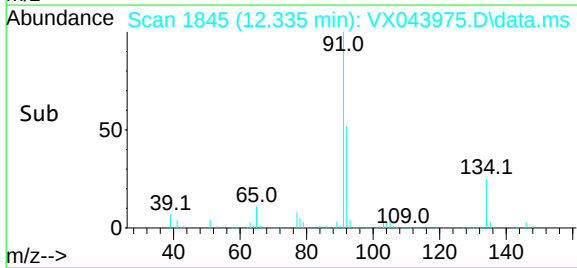
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	146	Resp:	139290
Ion	Ratio	Lower	Upper
146	100		
111	44.4	21.5	64.5
148	64.0	31.9	95.5

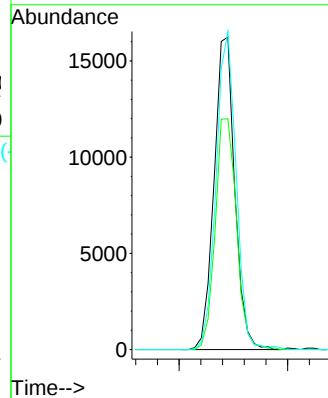
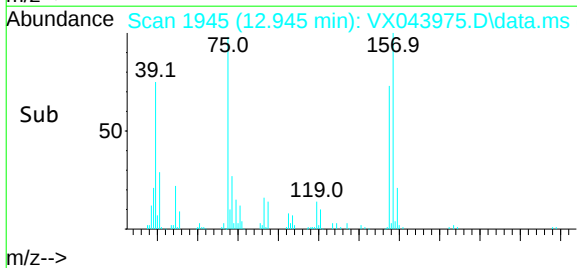
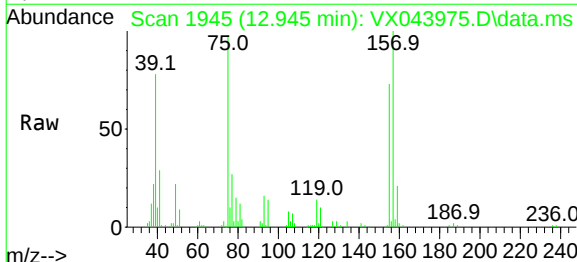
Manual Integrations
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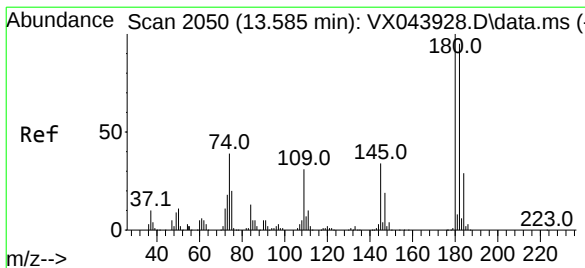
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.196 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX043975.D
Acq: 22 Nov 2024 21:05

Tgt Ion:	75	Resp:	21512
Ion	Ratio	Lower	Upper
75	100		
155	75.7	40.1	120.2
157	98.5	49.6	149.0





#93

1,2,4-Trichlorobenzene

Concen: 47.087 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX043975.D

Acq: 22 Nov 2024 21:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

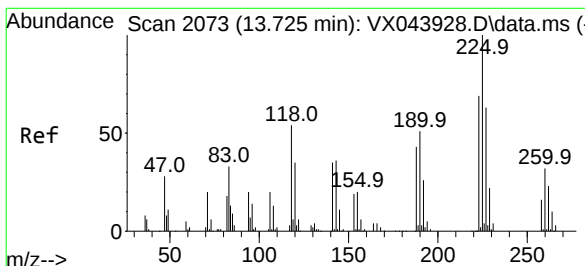
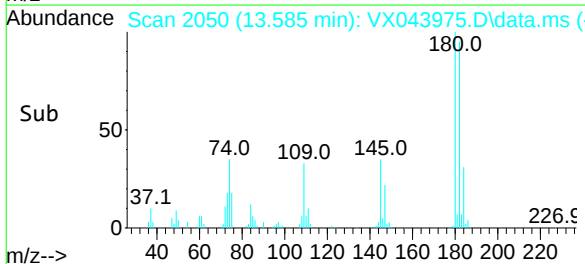
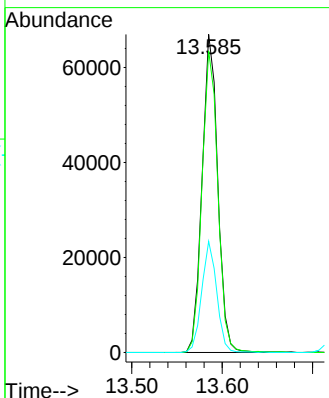
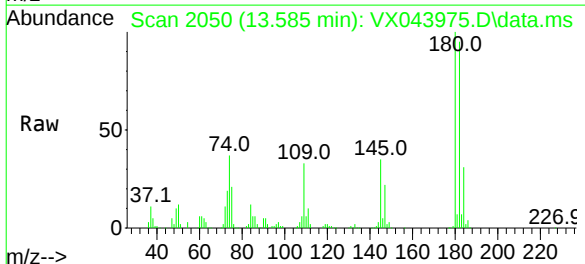
Tgt Ion:	180	Resp:	80863
Ion Ratio	Lower	Upper	
180	100		
182	95.8	48.0	144.2
145	33.5	16.8	50.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#94

Hexachlorobutadiene

Concen: 43.962 ug/l

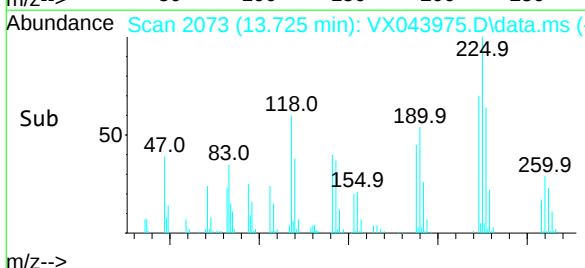
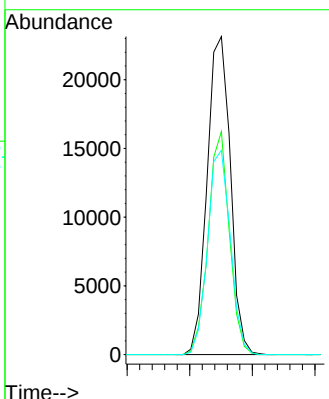
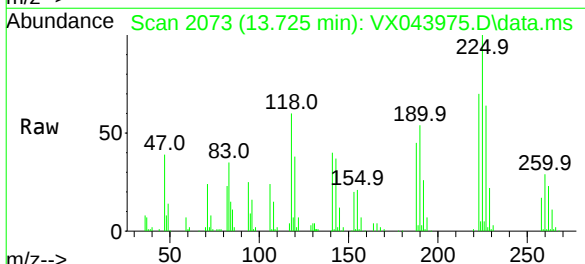
RT: 13.725 min Scan# 2073

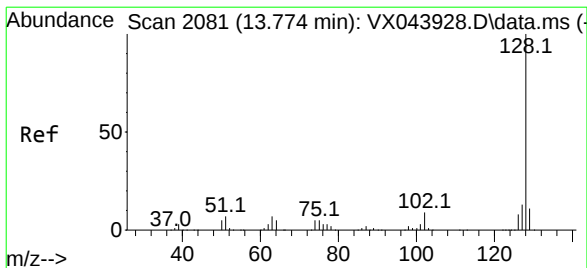
Delta R.T. -0.000 min

Lab File: VX043975.D

Acq: 22 Nov 2024 21:05

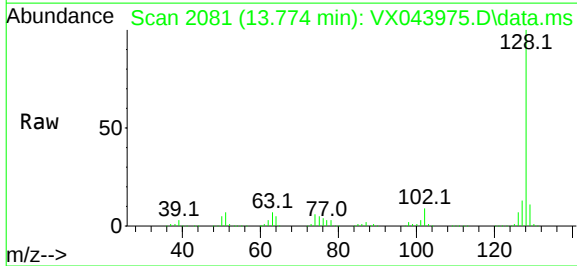
Tgt Ion:	225	Resp:	29838
Ion Ratio	Lower	Upper	
225	100		
223	63.9	32.9	98.6
227	63.0	31.6	94.8





#95
Naphthalene
Concen: 50.444 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX043975.D
Acq: 22 Nov 2024 21:05

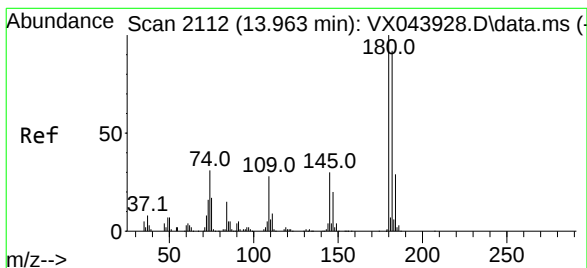
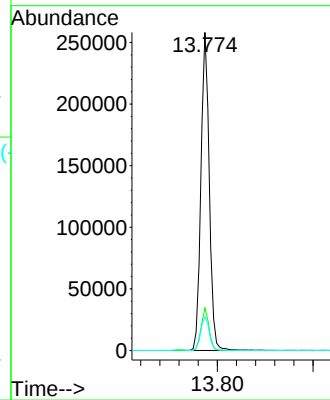
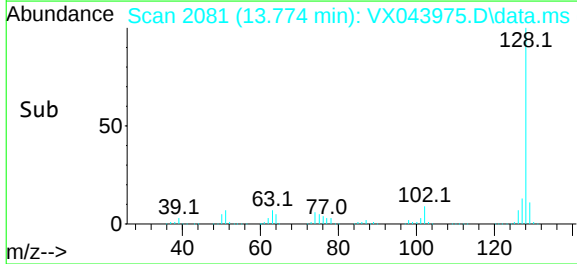
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 311837
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 10.8 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#96
1,2,3-Trichlorobenzene
Concen: 50.266 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VX043975.D
Acq: 22 Nov 2024 21:05

Tgt Ion:180 Resp: 87371
Ion Ratio Lower Upper
180 100
182 93.8 45.6 136.8
145 34.8 16.4 49.4

