

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070820\
 Data File : VX017273.D
 Acq On : 08 Jul 2020 22:16
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/9/2020 10:59:57 AM

Quant Time: Jul 09 05:39:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	277213	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	419426	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	408715	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	217777	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	164381	48.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.20%	
35) Dibromofluoromethane	5.47	113	136481	51.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.88%	
50) Toluene-d8	8.70	98	490244	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	
62) 4-Bromofluorobenzene	11.12	95	202479	52.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	124988	46.605	ug/l	98
3) Chloromethane	1.31	50	131761	40.588	ug/l	99
4) Vinyl Chloride	1.39	62	135314	44.926	ug/l	98
5) Bromomethane	1.62	94	74929	47.087	ug/l	98
6) Chloroethane	1.70	64	87517	49.199	ug/l	99
7) Trichlorofluoromethane	1.91	101	240801	54.058	ug/l	99
8) Diethyl Ether	2.17	74	83223	55.486	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.36	101	136509	51.131	ug/l	97
10) Methyl Iodide	2.49	142	155184	45.046	ug/l	99
11) Tert butyl alcohol	3.02	59	176729	271.076	ug/l	99
12) 1,1-Dichloroethene	2.36	96	132349	48.256	ug/l	99
13) Acrolein	2.28	56	118273	303.477	ug/l	99
14) Allyl chloride	2.71	41	236207	46.602	ug/l	98
15) Acrylonitrile	3.12	53	418670	267.133	ug/l	99
16) Acetone	2.42	43	351183	274.695	ug/l	99
17) Carbon Disulfide	2.55	76	346180	45.234	ug/l	99
18) Methyl Acetate	2.75	43	188925	56.609	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	490955	53.337	ug/l	98
20) Methylene Chloride	2.84	84	155089	52.940	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	146226	48.043	ug/l	97
22) Diisopropyl ether	3.82	45	475393	50.675	ug/l	97
23) Vinyl Acetate	3.79	43	2102575	260.823	ug/l	99
24) 1,1-Dichloroethane	3.67	63	269105	50.415	ug/l	98
25) 2-Butanone	4.64	43	569511	267.348	ug/l	98
26) 2,2-Dichloropropane	4.55	77	210594	44.434	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	167401	48.542	ug/l	99
28) Bromochloromethane	4.98	49	110752	42.638	ug/l	96
29) Tetrahydrofuran	5.09	42	370237	263.049	ug/l	99
30) Chloroform	5.18	83	282919	51.705	ug/l	99
31) Cyclohexane	5.55	56	215541	46.716	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	263160	52.222	ug/l	99
36) 1,1-Dichloropropene	5.77	75	200115	50.482	ug/l	99
37) Ethyl Acetate	4.80	43	220943	54.933	ug/l	99
38) Carbon Tetrachloride	5.76	117	239302	54.808	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	216230	49.026	ug/l	98
40) Benzene	6.11	78	588255	50.506	ug/l	99
41) Methacrylonitrile	5.01	41	127024	56.114	ug/l	99
42) 1,2-Dichloroethane	6.16	62	231422	55.008	ug/l	99
43) Isopropyl Acetate	6.41	43	357323	53.464	ug/l	99
44) Trichloroethene	7.19	130	173051	53.867	ug/l	97
45) 1,2-Dichloropropane	7.49	63	155443	51.962	ug/l	97
46) Dibromomethane	7.64	93	110381	54.046	ug/l	95
47) Bromodichloromethane	7.88	83	233923	55.578	ug/l	99
48) Methyl methacrylate	7.74	41	179529	56.540	ug/l	97
49) 1,4-Dioxane	7.71	88	72409	1006.599	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1146700	287.829	ug/l	100
52) Toluene	8.76	92	387666	53.311	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	255845	55.094	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	263832	52.998	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	168397	56.679	ug/l	98
56) Ethyl methacrylate	9.16	69	249341	58.963	ug/l	99
57) 1,3-Dichloropropane	9.35	76	272528	54.209	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	571601	271.593	ug/l	99
59) 2-Hexanone	9.48	43	886776	304.774	ug/l	99
60) Dibromochloromethane	9.57	129	201465	58.383	ug/l	99
61) 1,2-Dibromoethane	9.65	107	177901	55.706	ug/l	100
64) Tetrachloroethene	9.32	164	167256	50.705	ug/l	95
65) Chlorobenzene	10.12	112	438838	52.022	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	177675	54.653	ug/l	99
67) Ethyl Benzene	10.24	91	762722	54.141	ug/l	98
68) m/p-Xylenes	10.34	106	588740	108.841	ug/l	97
69) o-Xylene	10.68	106	285179	55.420	ug/l	100
70) Styrene	10.70	104	510753	58.288	ug/l	99
71) Bromoform	10.84	173	159715	61.953	ug/l #	96
73) Isopropylbenzene	11.00	105	779916	54.675	ug/l	99
74) N-amyl acetate	10.88	43	337380	55.430	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	236783	52.770	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	233598m	54.548	ug/l	
77) Bromobenzene	11.24	156	214319	54.667	ug/l	97
78) n-propylbenzene	11.34	91	883677	54.782	ug/l	100
79) 2-Chlorotoluene	11.40	91	536180	54.922	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	661709	55.925	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	85063	51.438	ug/l	95
82) 4-Chlorotoluene	11.49	91	637235	54.602	ug/l	100
83) tert-Butylbenzene	11.76	119	650590	56.013	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	678104	56.491	ug/l	100
85) sec-Butylbenzene	11.93	105	748369	54.813	ug/l	100
86) p-Isopropyltoluene	12.05	119	705324	55.493	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	367663	51.636	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	374147	55.742	ug/l	99
89) n-Butylbenzene	12.37	91	574551	50.626	ug/l	99
90) Hexachloroethane	12.58	117	133475	53.253	ug/l	98
91) 1,2-Dichlorobenzene	12.37	146	353289	53.081	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	59417	55.509	ug/l	98

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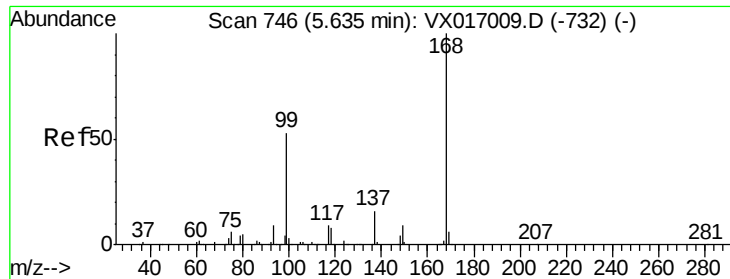
Manual Integrations
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MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	245661	54.077	ug/l	100
94) Hexachlorobutadiene	13.76	225	89927	52.123	ug/l	99
95) Naphthalene	13.82	128	790110	57.209	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	238800	54.318	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017273.D

Acq: 08 Jul 2020 22:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 277213

Ion Ratio Lower Upper

168 100

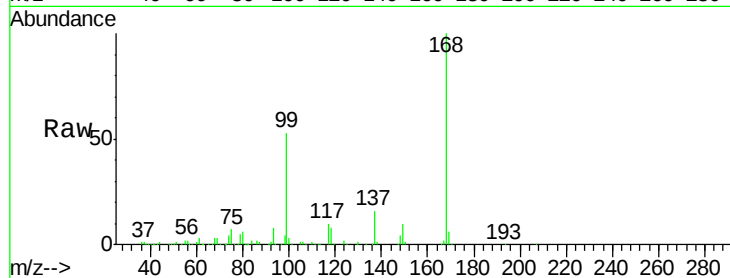
99 53.2 42.6 64.0

Manual Integrations

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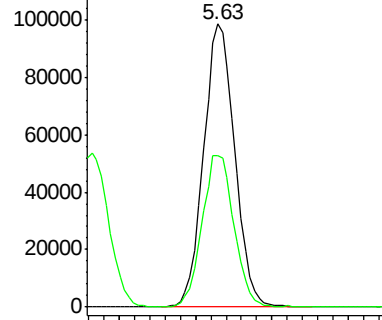
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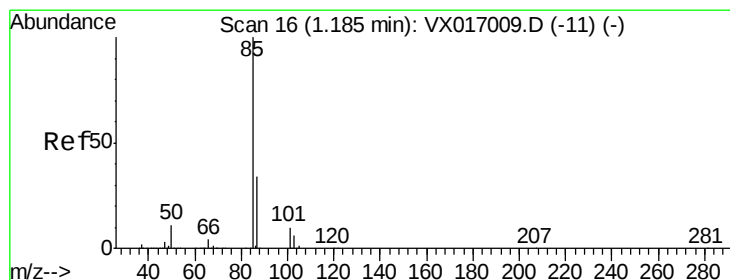
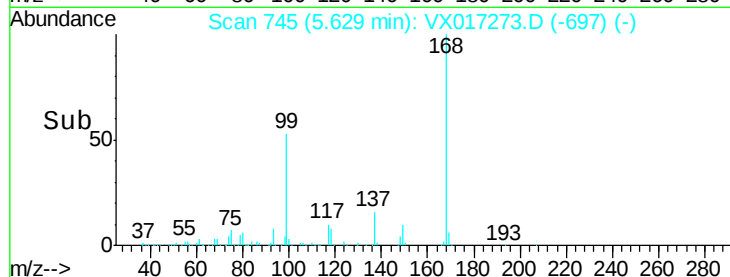


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



Time-->



#2

Dichlorodifluoromethane

Concen: 46.605 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017273.D

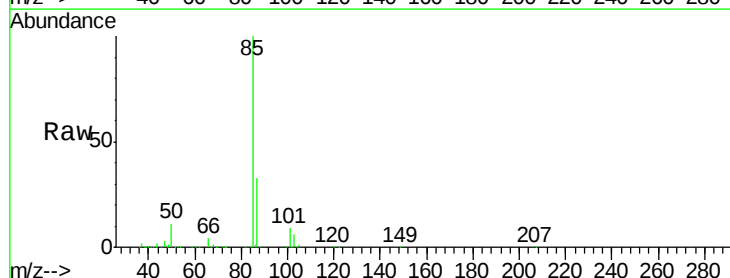
Acq: 08 Jul 2020 22:16

Tgt Ion: 85 Resp: 124988

Ion Ratio Lower Upper

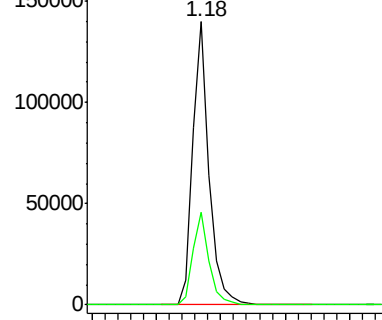
85 100

87 32.7 16.8 50.4

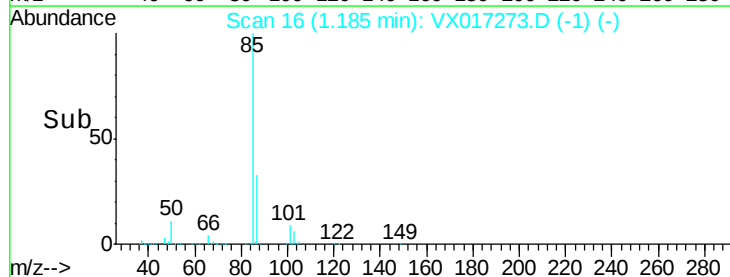


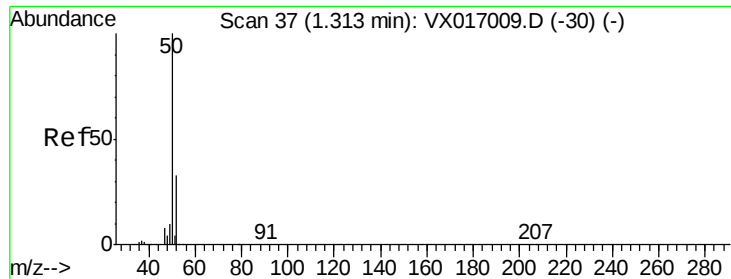
Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0



Time-->





#3

Chloromethane

Concen: 40.588 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX017273.D

Acq: 08 Jul 2020 22:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 131761

Ion Ratio Lower Upper

50 100

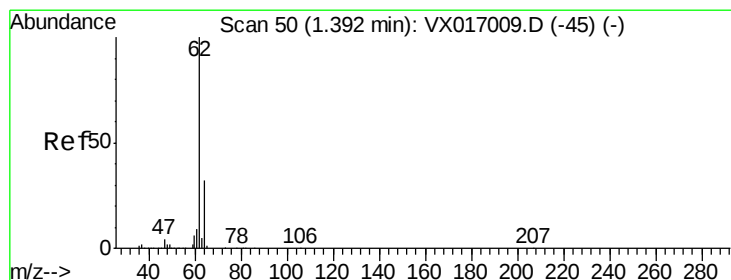
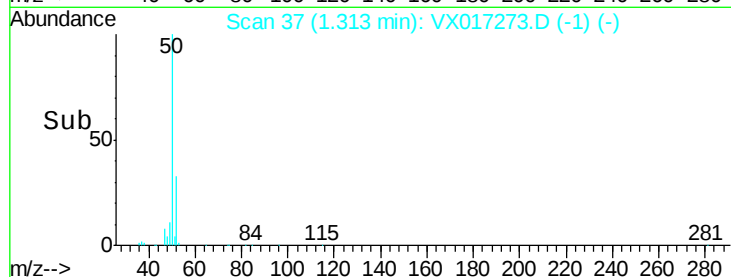
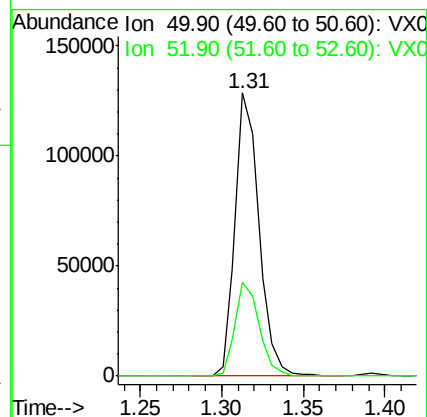
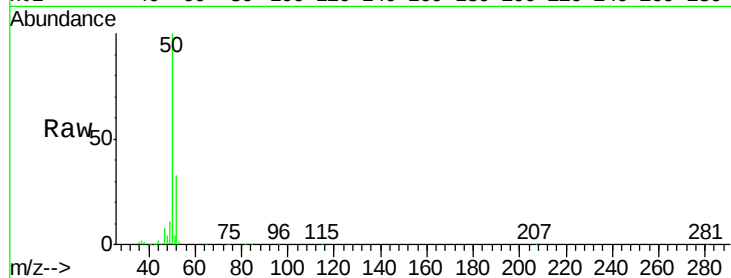
52 33.2 26.1 39.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 44.926 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017273.D

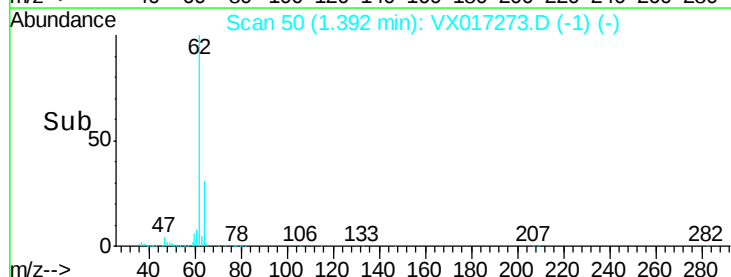
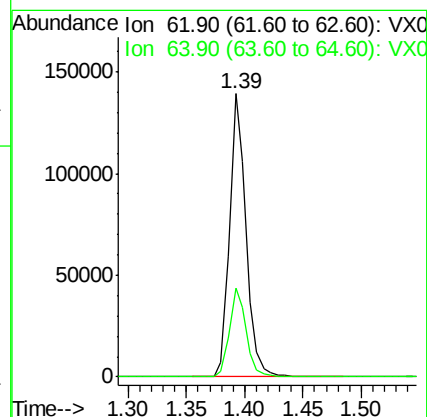
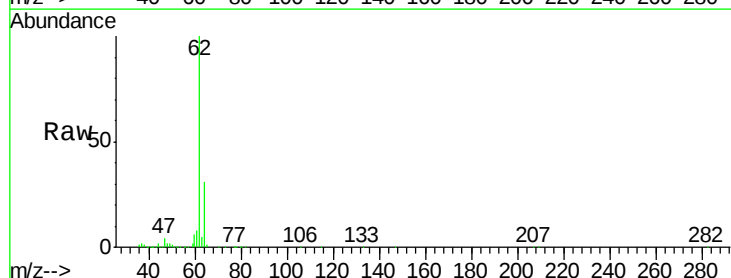
Acq: 08 Jul 2020 22:16

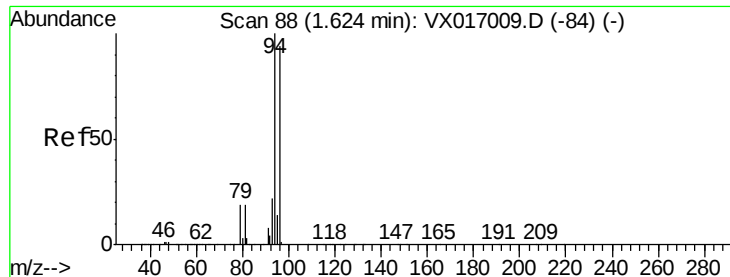
Tgt Ion: 62 Resp: 135314

Ion Ratio Lower Upper

62 100

64 31.3 25.9 38.9





#5

Bromomethane

Concen: 47.087 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017273.D

Acq: 08 Jul 2020 22:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 74929

Ion Ratio Lower Upper

94 100

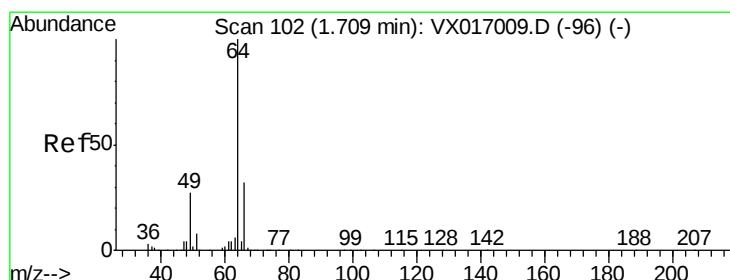
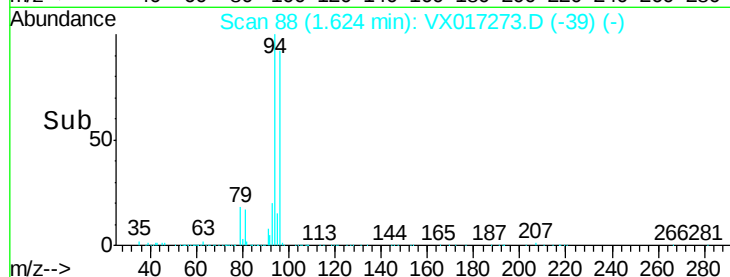
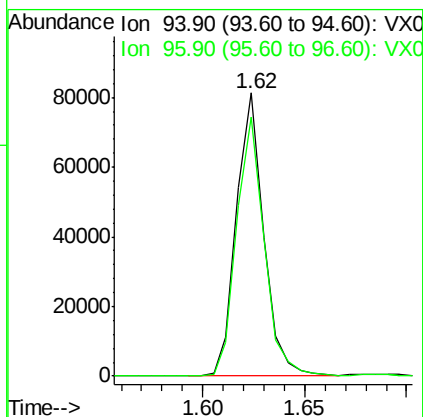
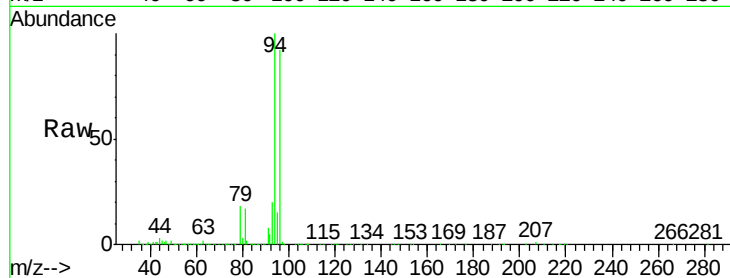
96 91.6 75.0 112.4

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#6

Chloroethane

Concen: 49.199 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX017273.D

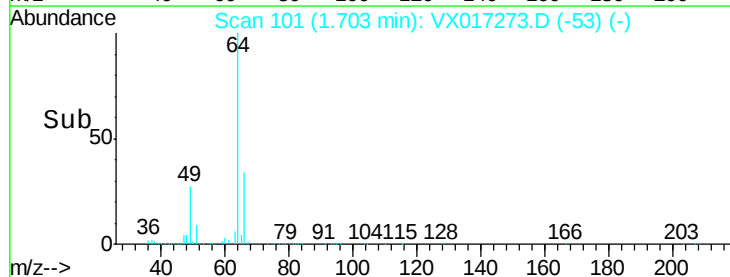
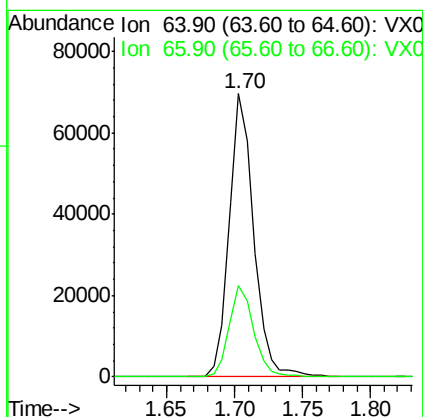
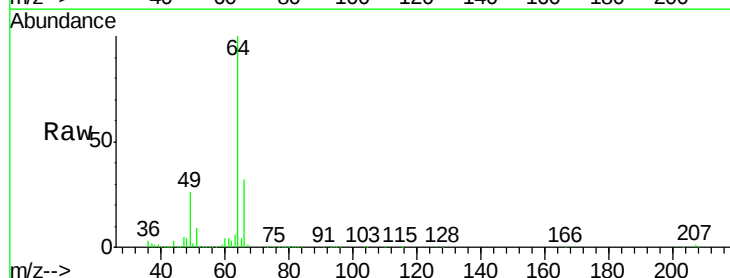
Acq: 08 Jul 2020 22:16

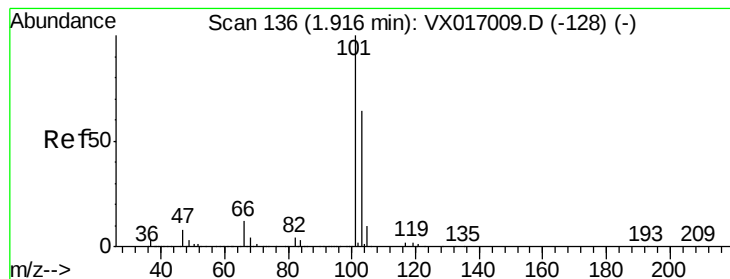
Tgt Ion: 64 Resp: 87517

Ion Ratio Lower Upper

64 100

66 32.4 25.5 38.3





#7

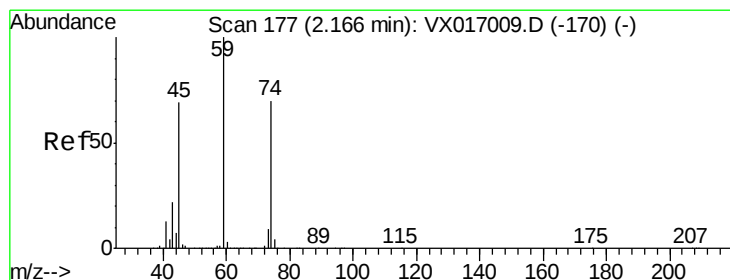
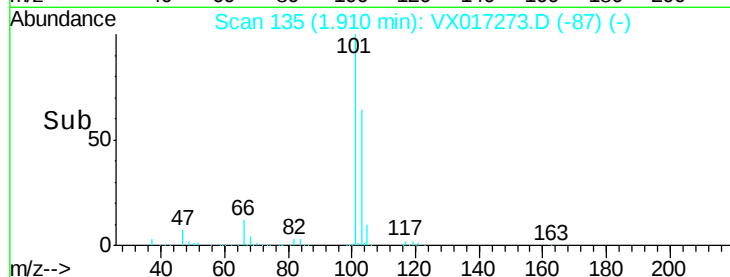
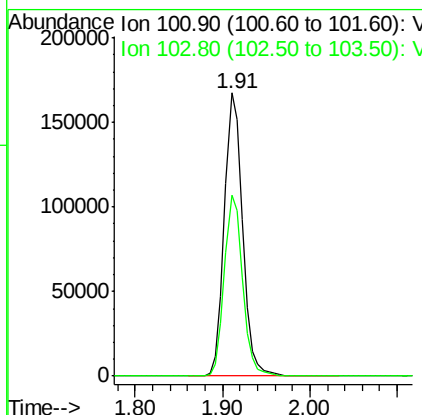
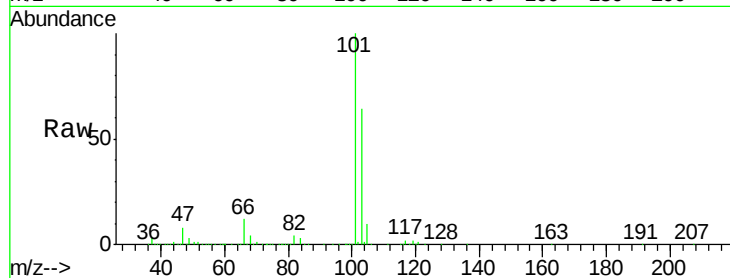
Trichlorofluoromethane
 Concen: 54.058 ug/l
 RT: 1.91 min Scan# 135
 Delta R.T. -0.01 min
 Lab File: VX017273.D
 Acq: 08 Jul 2020 22:16

Instrument :
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 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.8	51.5	77.3

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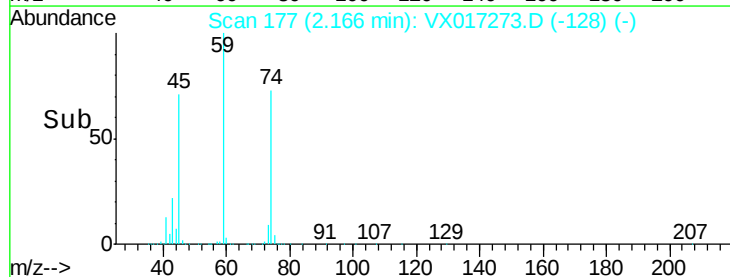
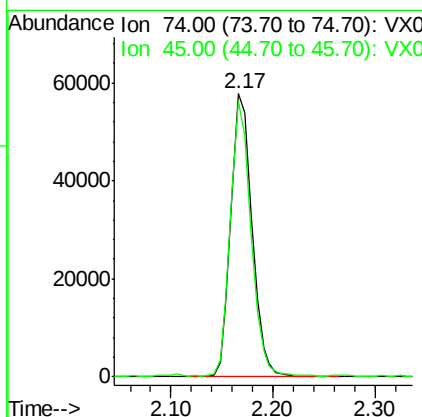
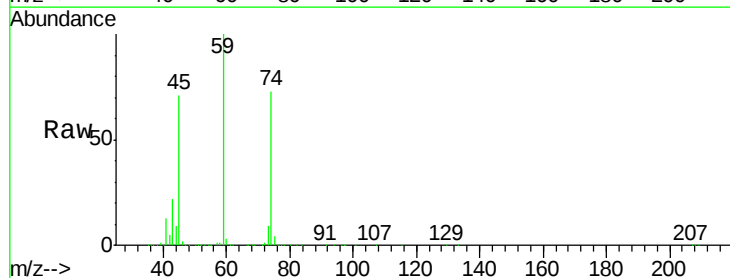
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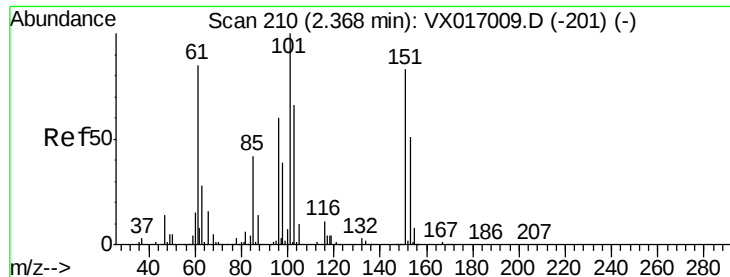


#8

Diethyl Ether
 Concen: 55.486 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX017273.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.0	49.8	149.3





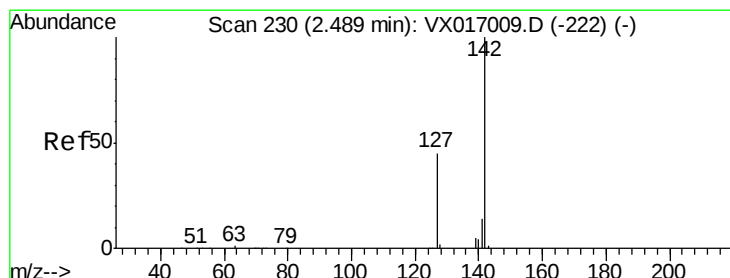
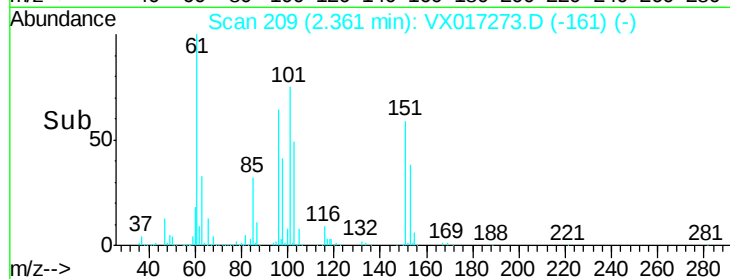
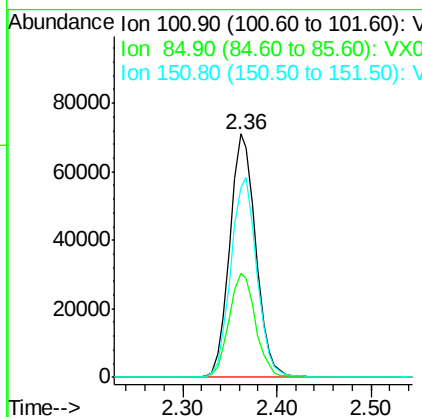
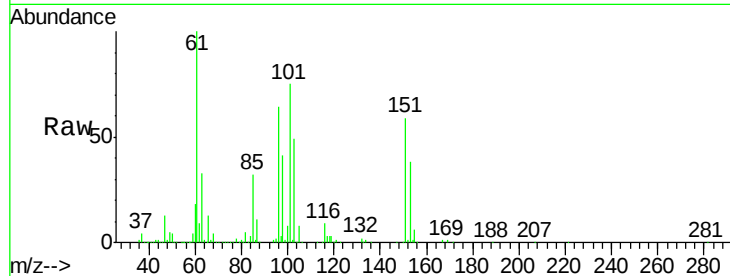
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 51.131 ug/l
 RT: 2.36 min Scan# 209
 Delta R.T. -0.01 min
 Lab File: VX017273.D
 Acq: 08 Jul 2020 22:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
101	100	136509		
85	43.6		33.5	50.3
151	82.1		63.8	95.6

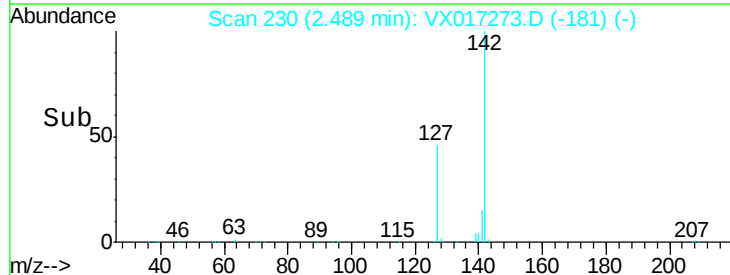
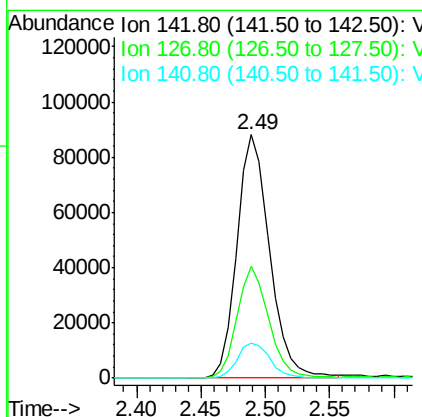
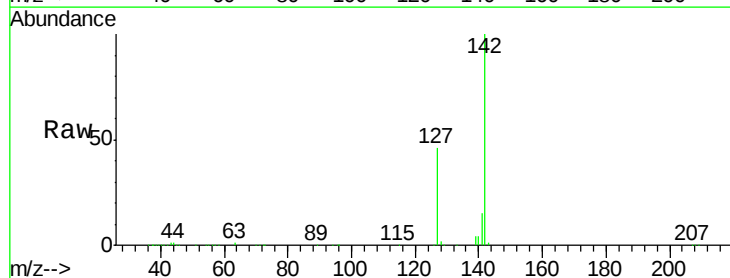
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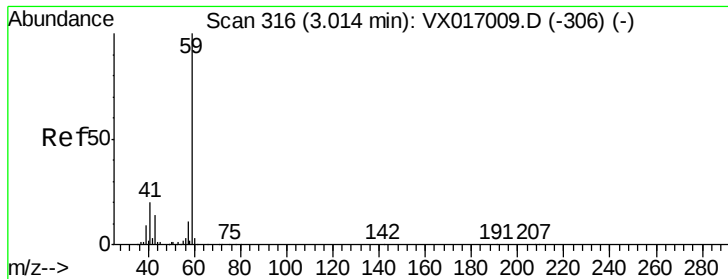
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 7/9/2020 10:59:57 AM



#10
 Methyl Iodide
 Concen: 45.046 ug/l
 RT: 2.49 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VX017273.D
 Acq: 08 Jul 2020 22:16

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	155184		
127	44.7		36.6	54.8
141	14.8		11.6	17.4





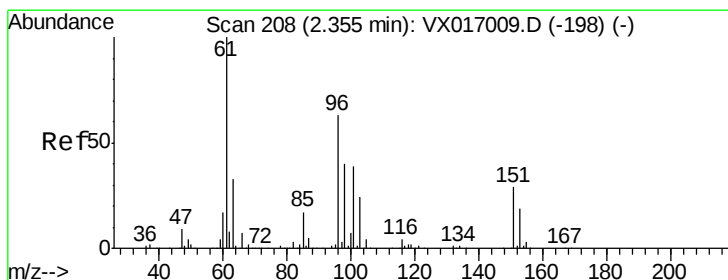
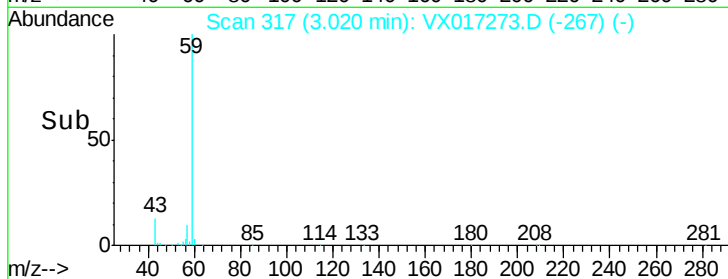
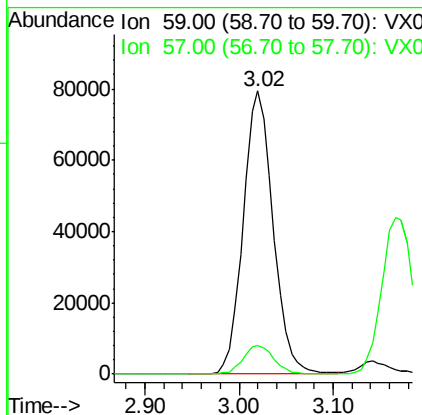
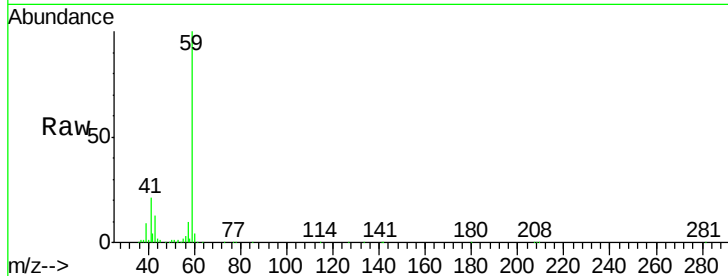
#11
Tert butyl alcohol
Concen: 271.076 ug/l
RT: 3.02 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX017273.D
Acq: 08 Jul 2020 22:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.2	12.2

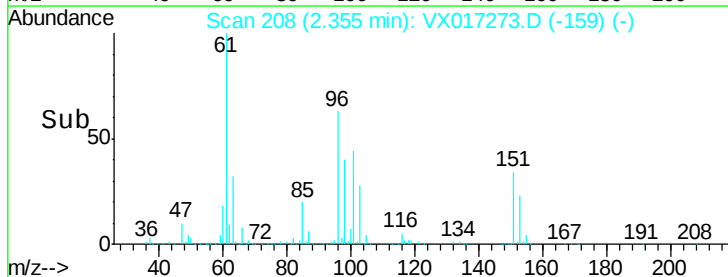
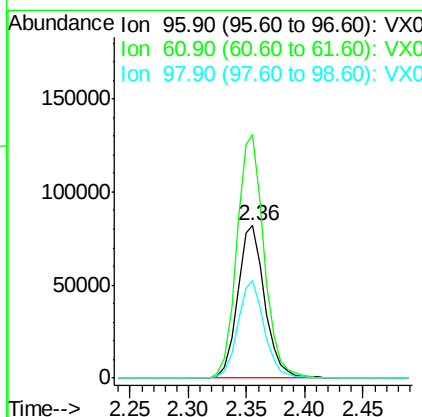
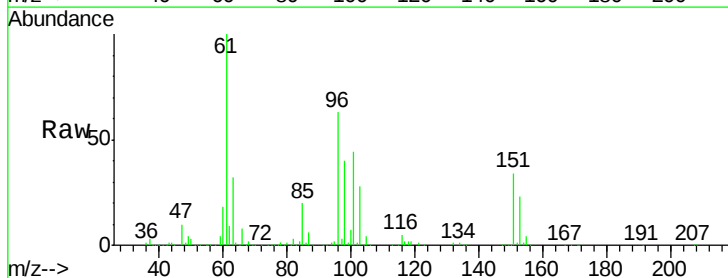
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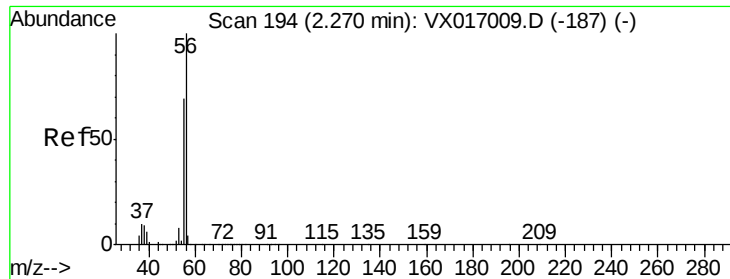
MMDadoda
7/9/2020 10:59:57 AM



#12
1,1-Dichloroethene
Concen: 48.256 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017273.D
Acq: 08 Jul 2020 22:16

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.6	126.3	189.5
98	63.8	51.0	76.6





#13

Acrolein

Concen: 303.477 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX017273.D

Acq: 08 Jul 2020 22:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 118273

Ion Ratio Lower Upper

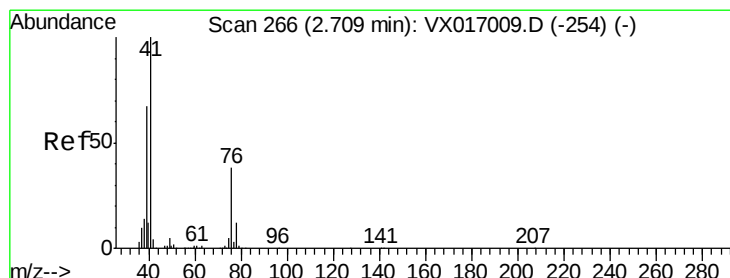
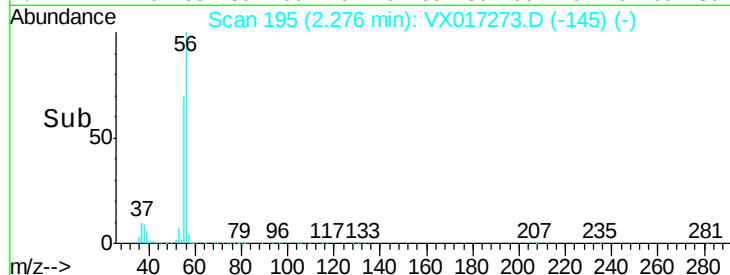
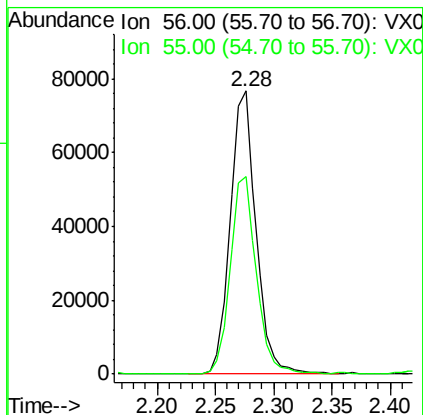
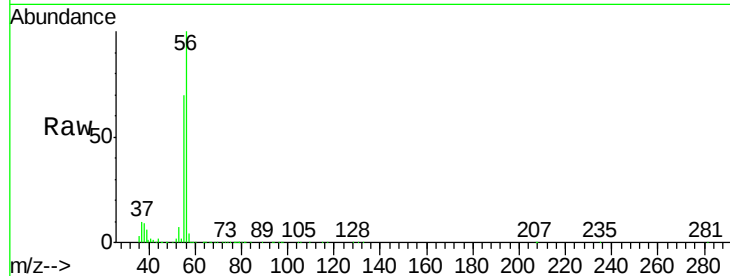
56 100

55 70.1 55.7 83.5

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#14

Allyl chloride

Concen: 46.602 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017273.D

Acq: 08 Jul 2020 22:16

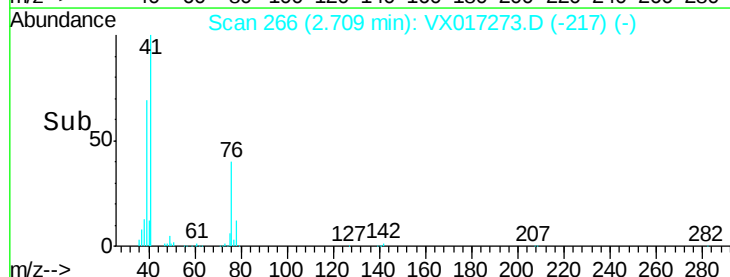
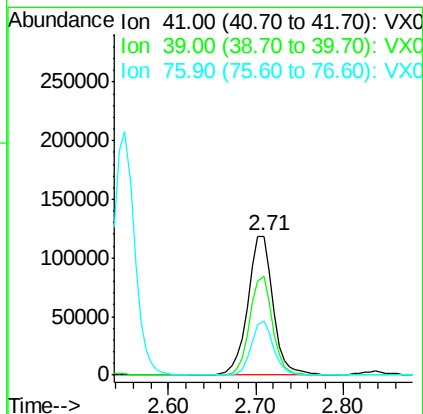
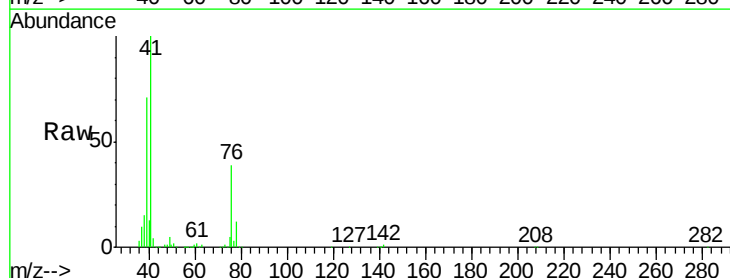
Tgt Ion: 41 Resp: 236207

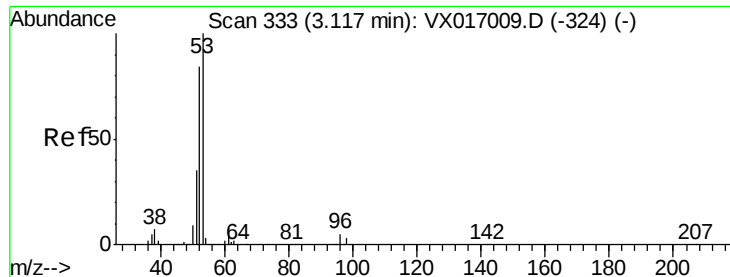
Ion Ratio Lower Upper

41 100

39 64.3 49.4 74.2

76 34.1 26.8 40.2





#15

Acrylonitrile

Concen: 267.133 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017273.D

Acq: 08 Jul 2020 22:16

Instrument :

MSVOA_X

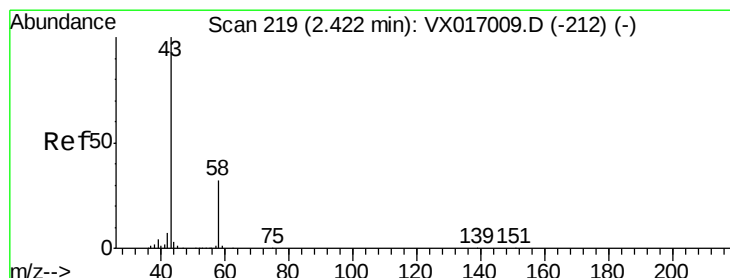
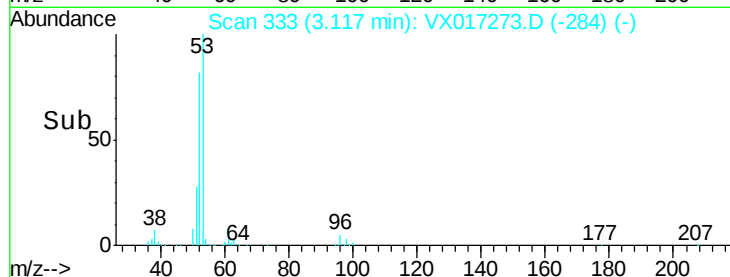
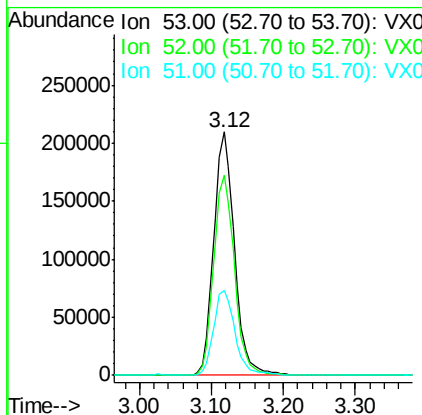
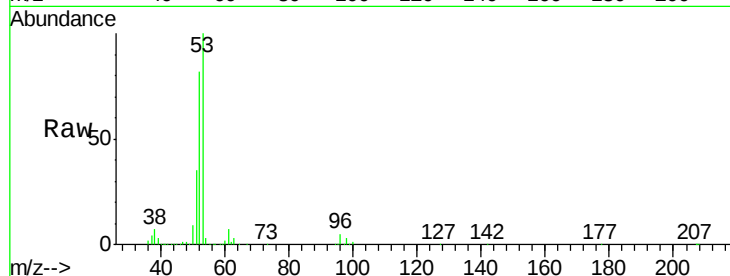
ClientSampled :

VSTDCCC050

Tot Ion:	53	Resp:	418670
Ion	Ratio	Lower	Upper
53	100		
52	82.8	65.6	98.4
51	36.2	28.3	42.5

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#16

Acetone

Concen: 274.695 ug/l

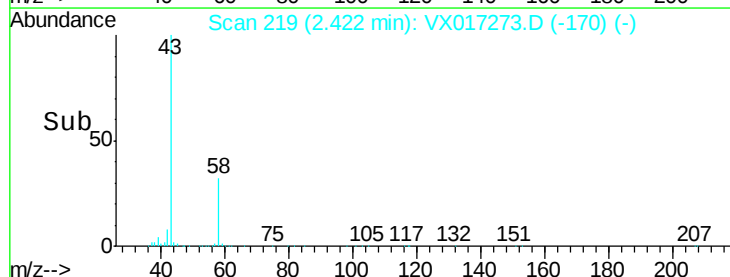
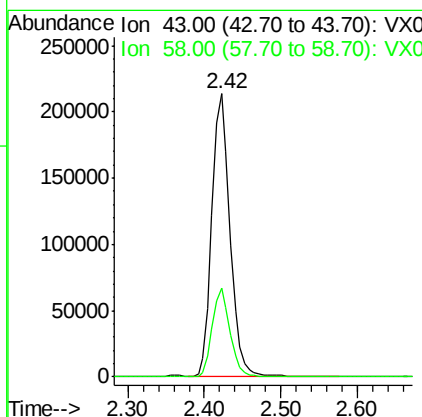
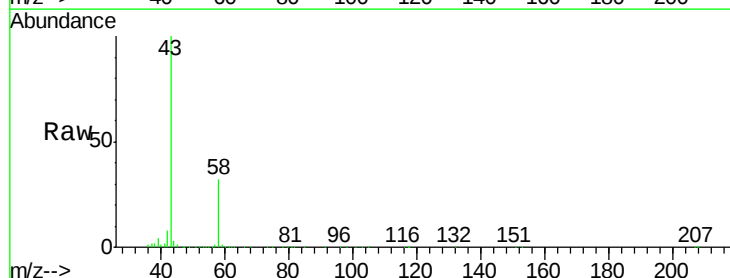
RT: 2.42 min Scan# 219

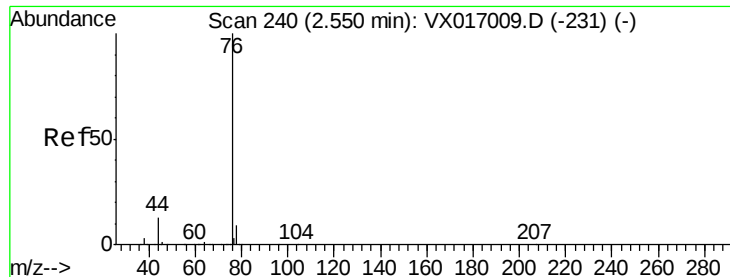
Delta R.T. -0.00 min

Lab File: VX017273.D

Acq: 08 Jul 2020 22:16

Tgt Ion:	43	Resp:	351183
Ion	Ratio	Lower	Upper
43	100		
58	31.6	25.7	38.5





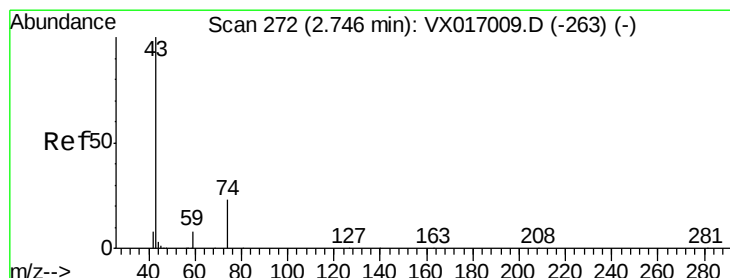
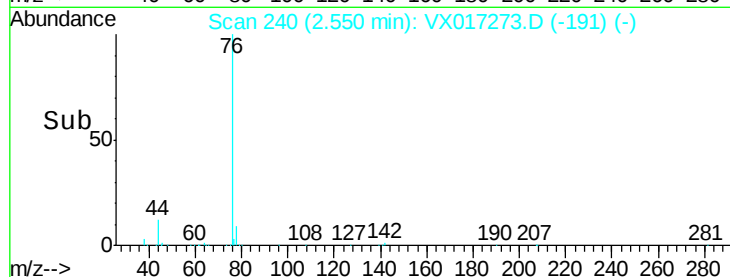
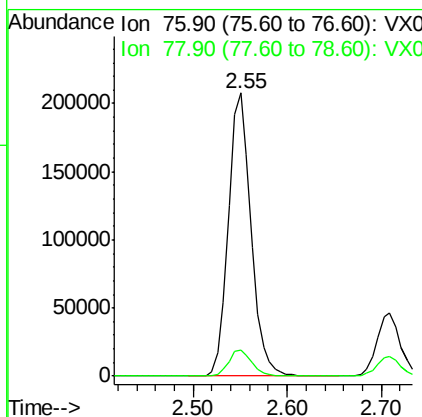
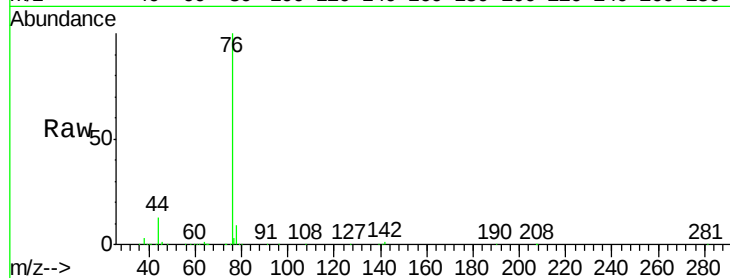
#17
Carbon Disulfide
Concen: 45.234 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX017273.D
Acq: 08 Jul 2020 22:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.2	10.8

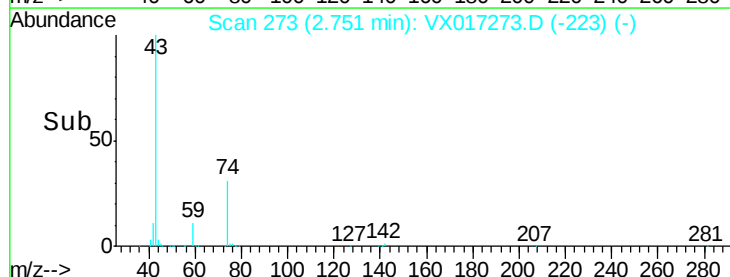
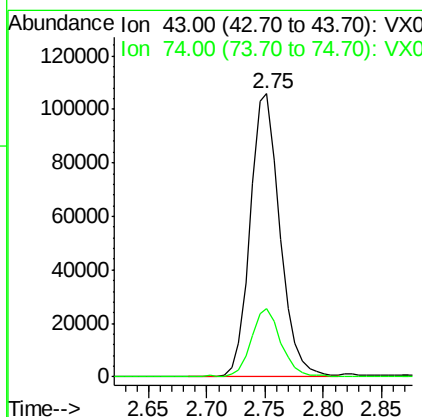
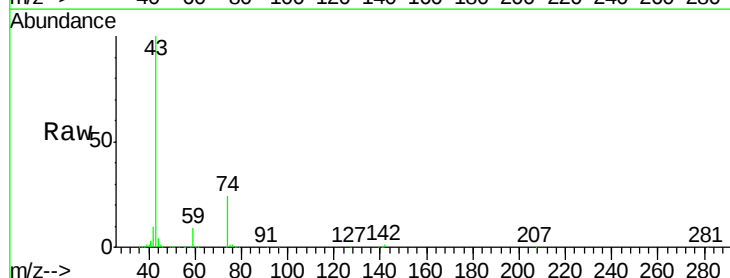
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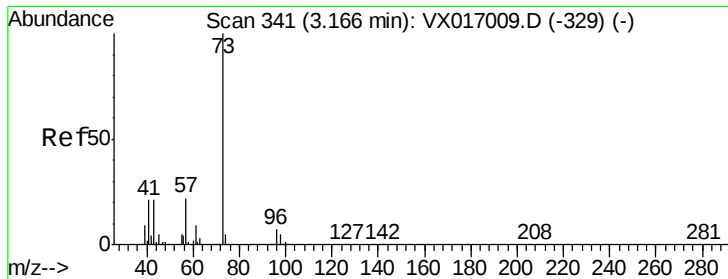
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#18
Methyl Acetate
Concen: 56.609 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX017273.D
Acq: 08 Jul 2020 22:16

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.4	19.3	28.9





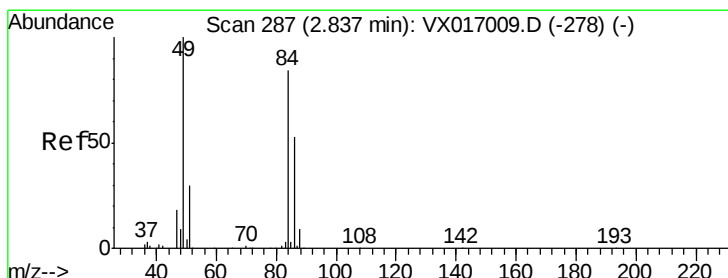
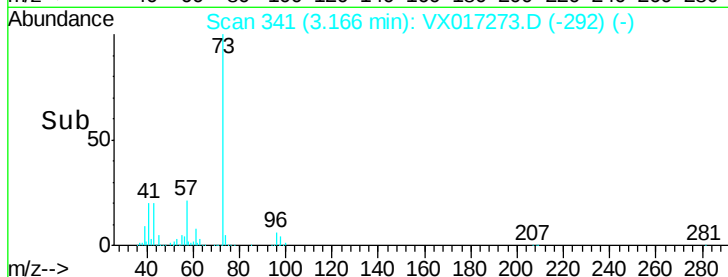
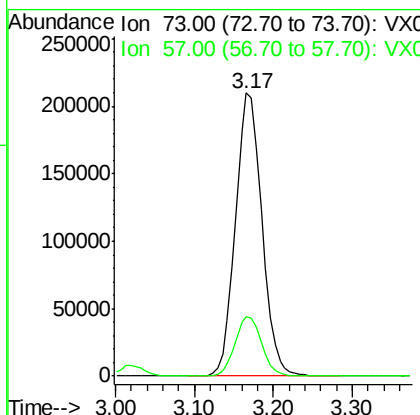
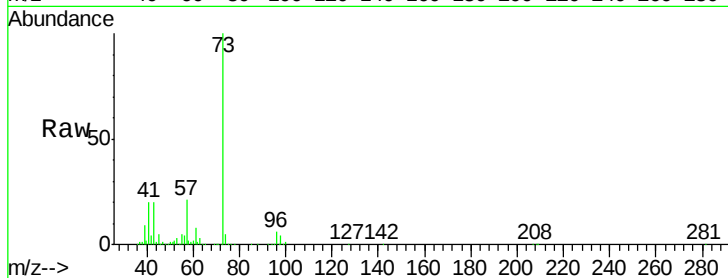
#19
Methvl tert-butvl Ether
Concen: 53.337 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX017273.D
Acq: 08 Jul 2020 22:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.0	17.6	26.4

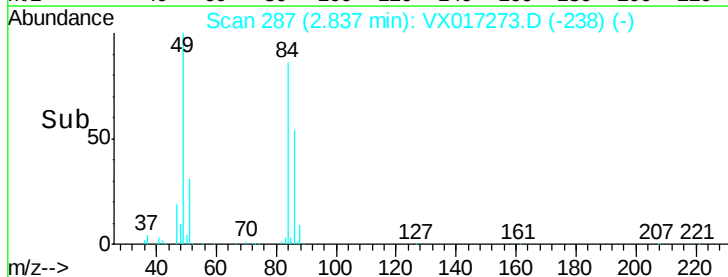
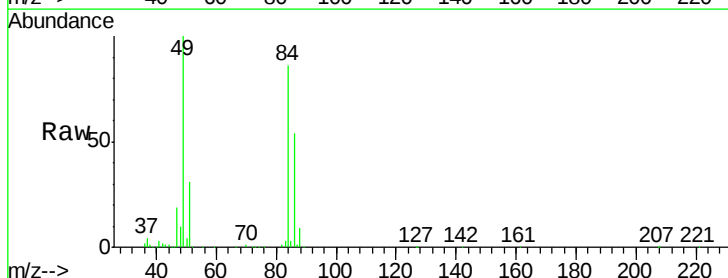
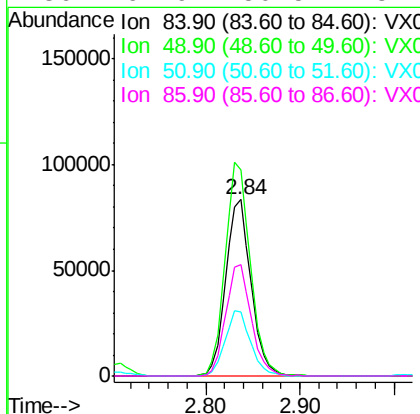
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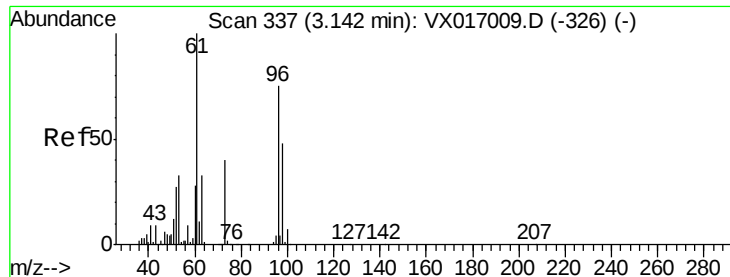
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#20
Methylene Chloride
Concen: 52.940 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017273.D
Acq: 08 Jul 2020 22:16

Tgt Ion	Ratio	Lower	Upper
84	100		
49	116.6	94.7	142.1
51	36.1	28.6	42.8
86	62.9	50.5	75.7





#21

trans-1,2-Dichloroethene

Concen: 48.043 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017273.D

Acq: 08 Jul 2020 22:16

Instrument :

MSVOA_X

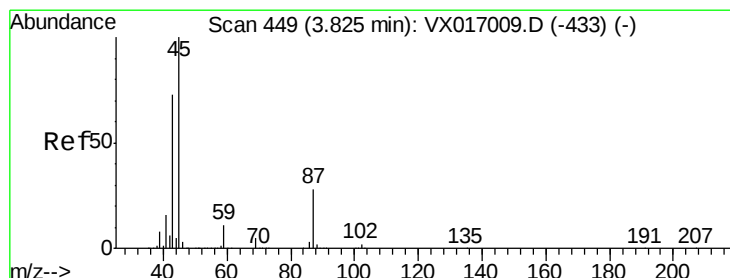
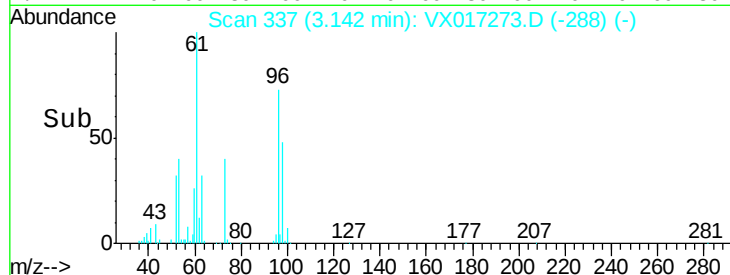
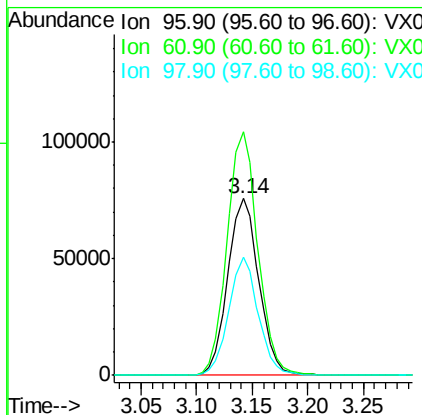
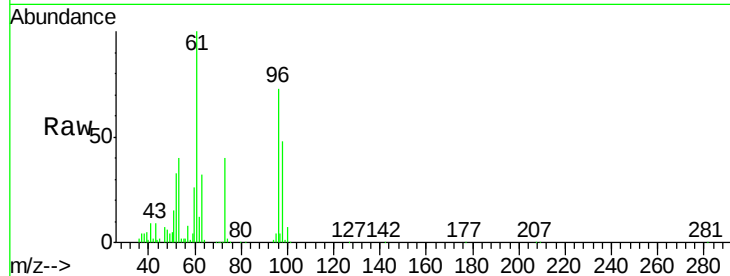
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	146226
Ion	Ratio	Lower	Upper
96	100		
61	137.7	107.0	160.6
98	66.8	51.6	77.4

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#22

Diisopropyl ether

Concen: 50.675 ug/l

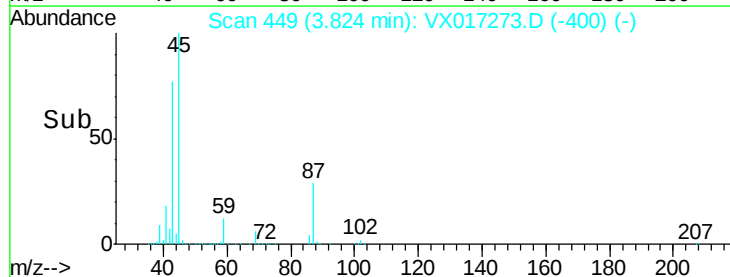
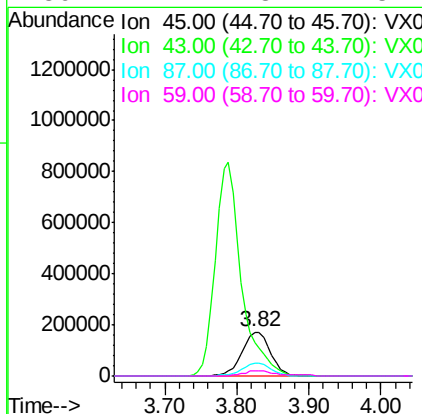
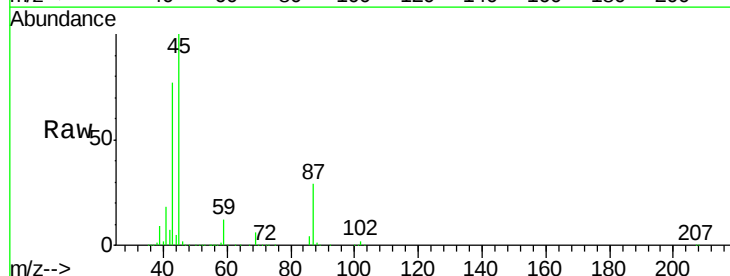
RT: 3.82 min Scan# 449

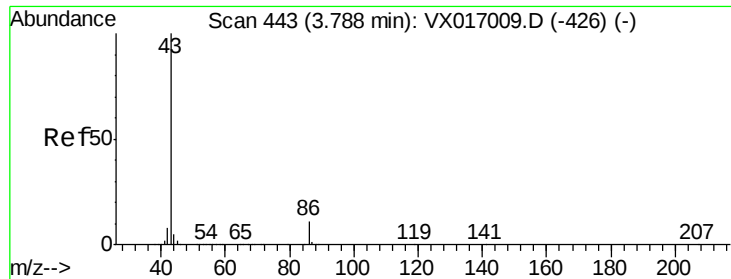
Delta R.T. -0.00 min

Lab File: VX017273.D

Acq: 08 Jul 2020 22:16

Tgt Ion:	45	Resp:	475393
Ion	Ratio	Lower	Upper
45	100		
43	76.2	58.6	88.0
87	28.8	22.6	34.0
59	11.7	8.7	13.1





#23

Vinyl Acetate

Concen: 260.823 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017273.D

Acq: 08 Jul 2020 22:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2102575

Ion Ratio Lower Upper

43 100

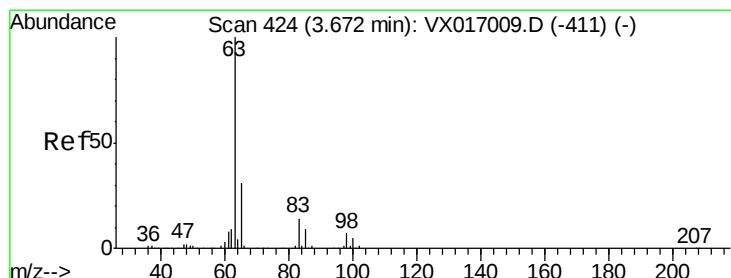
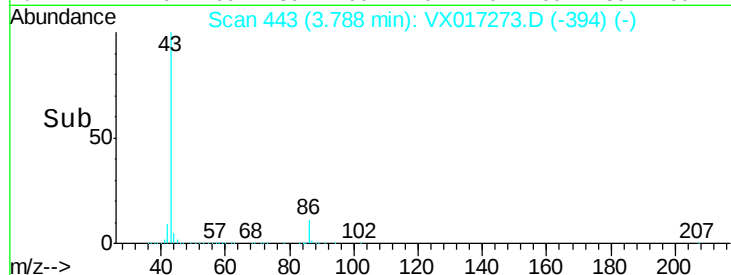
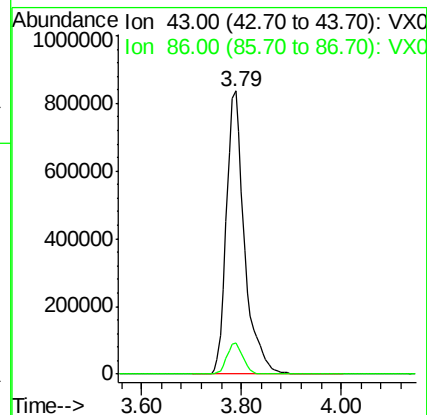
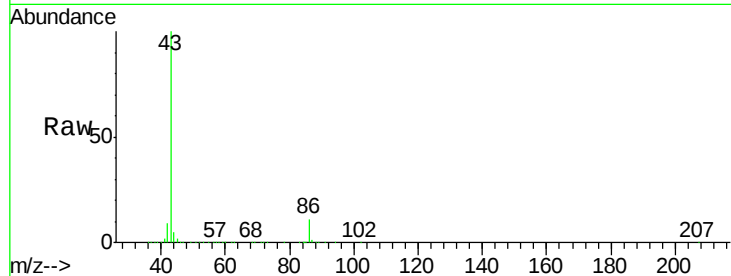
86 11.1 8.6 13.0

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#24

1,1-Dichloroethane

Concen: 50.415 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX017273.D

Acq: 08 Jul 2020 22:16

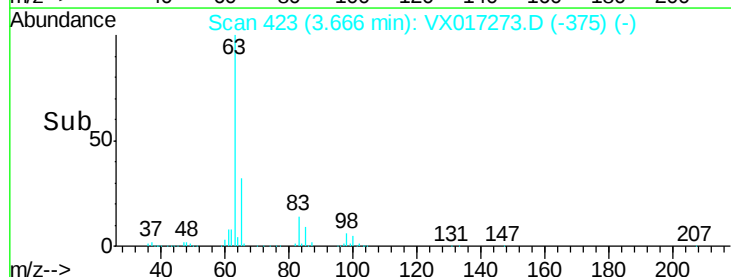
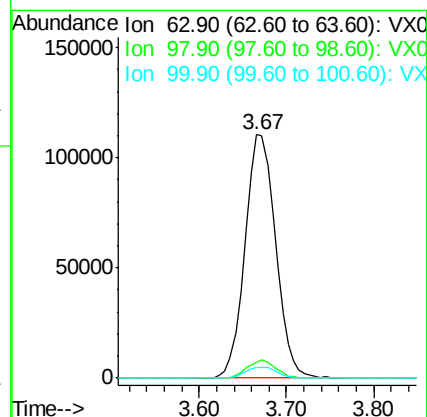
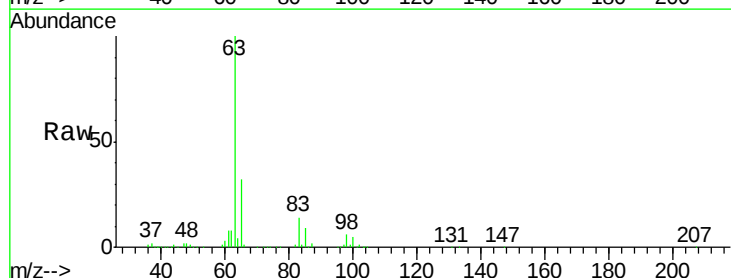
Tgt Ion: 63 Resp: 269105

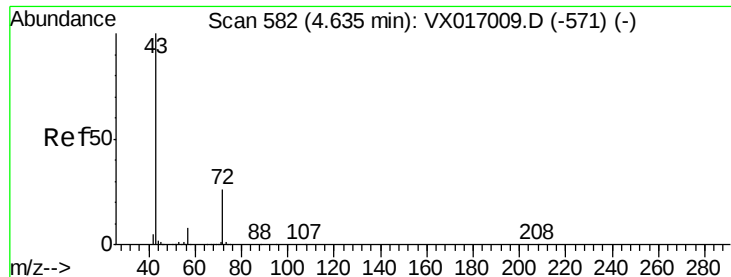
Ion Ratio Lower Upper

63 100

98 6.3 3.6 10.8

100 4.6 2.4 7.1





#25

2-Butanone

Concen: 267.348 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX017273.D

Acq: 08 Jul 2020 22:16

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 569511

Ion Ratio Lower Upper

43 100

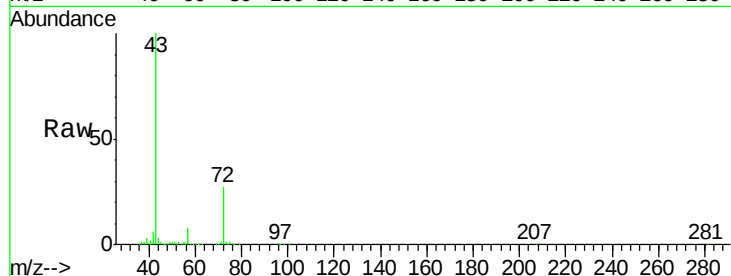
72 26.9 20.8 31.2

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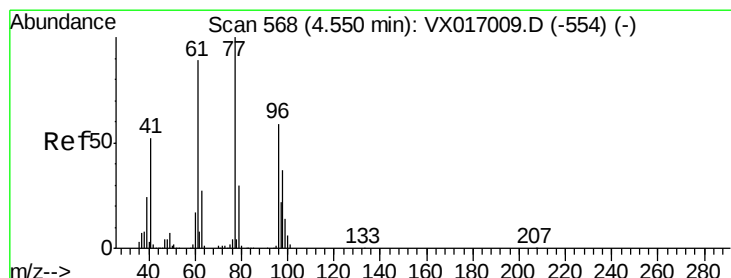
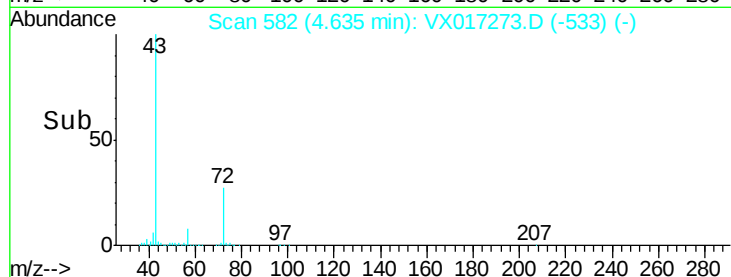
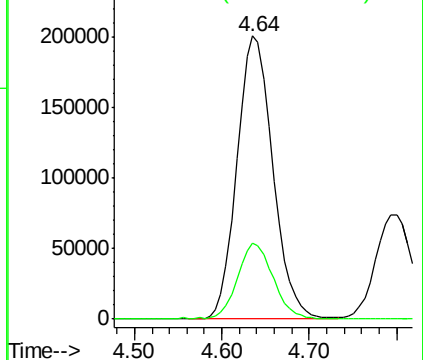
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 44.434 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX017273.D

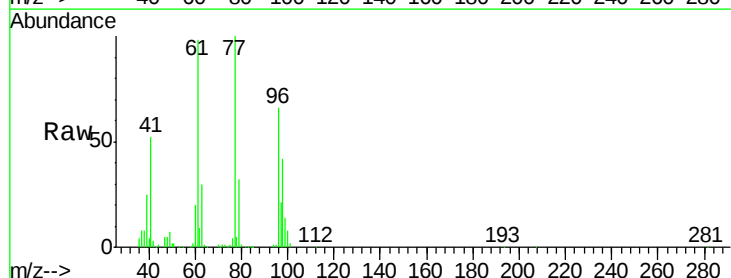
Acq: 08 Jul 2020 22:16

Tgt Ion: 77 Resp: 210594

Ion Ratio Lower Upper

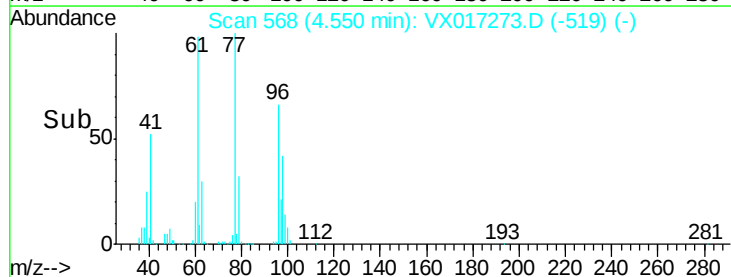
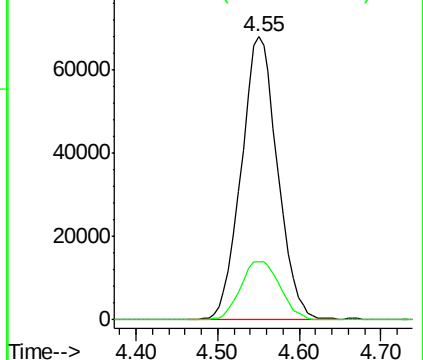
77 100

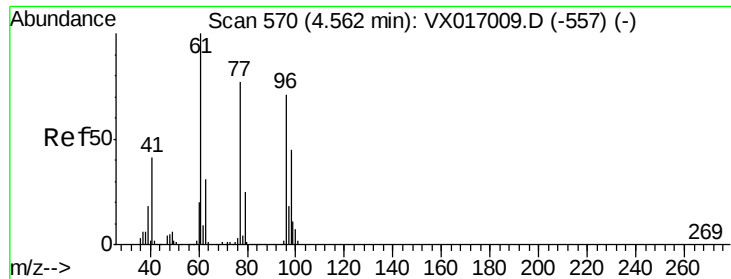
97 22.5 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

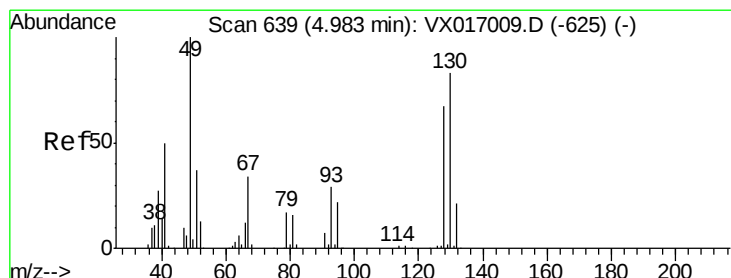
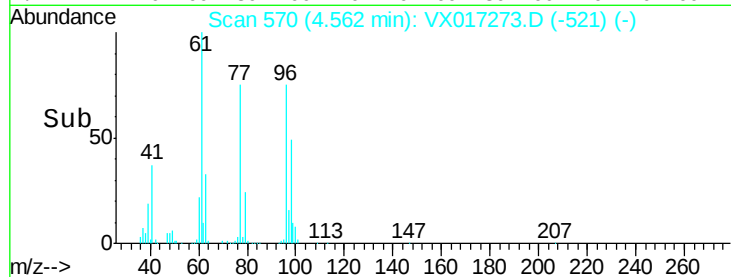
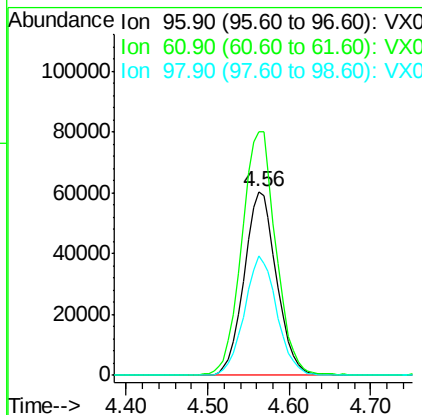
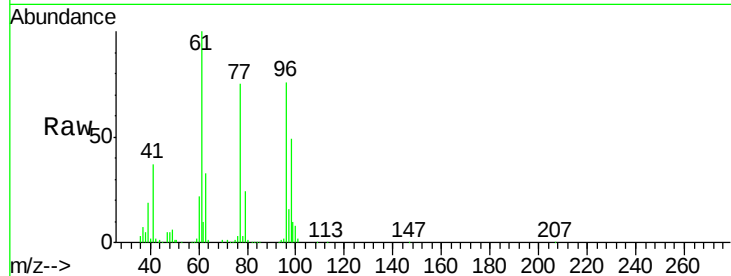
cis-1,2-Dichloroethene
Concen: 48.542 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX017273.D
Acq: 08 Jul 2020 22:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	140.0	0.0	282.8
98	64.9	0.0	127.6

Manual Integrations
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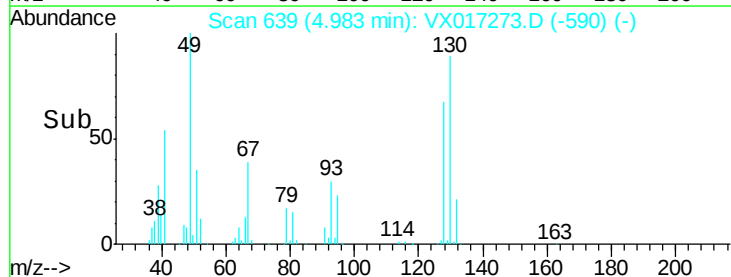
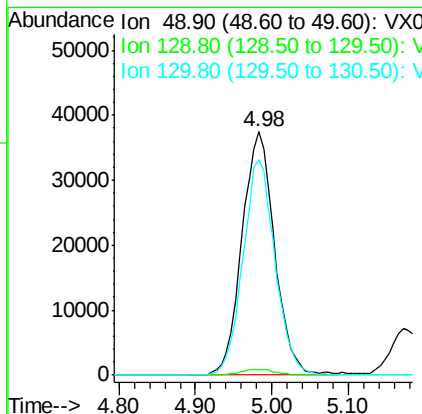
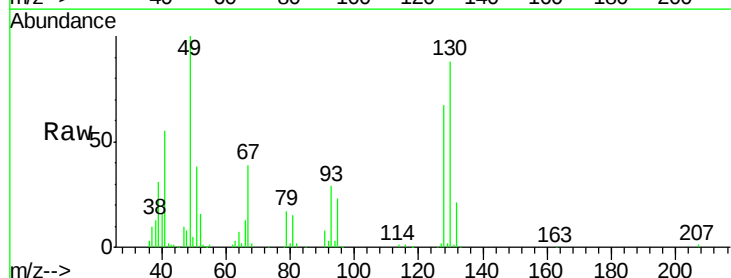
MMDadoda
7/9/2020 10:59:57 AM

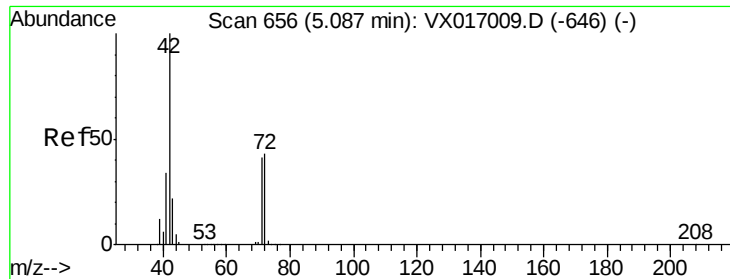


#28

Bromochloromethane
Concen: 42.638 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017273.D
Acq: 08 Jul 2020 22:16

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.2
130	87.4	66.6	100.0





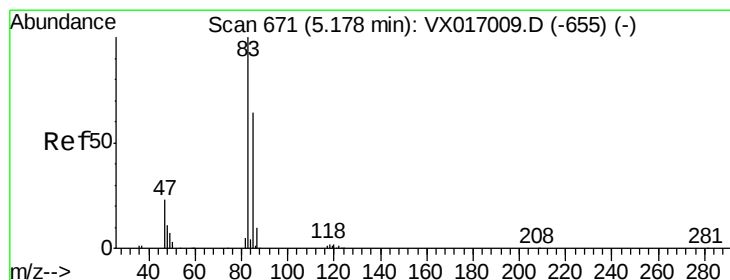
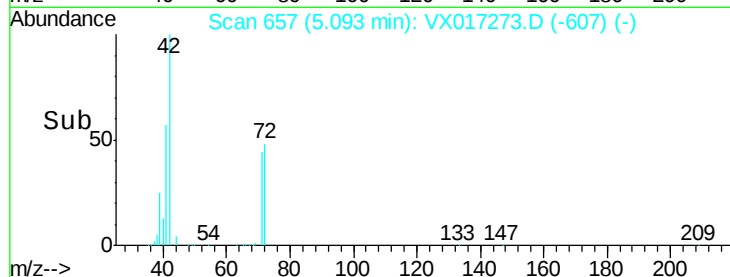
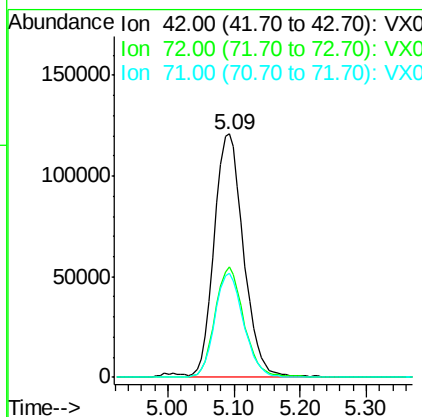
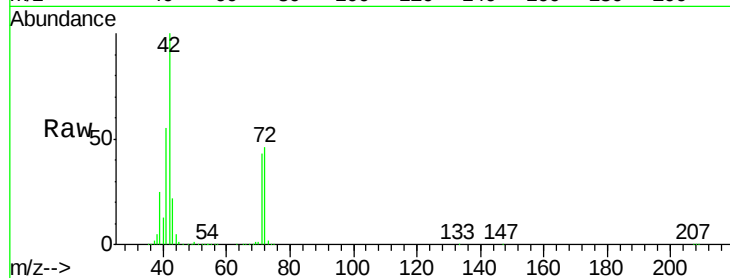
#29
Tetrahydrofuran
Concen: 263.049 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX017273.D
Acq: 08 Jul 2020 22:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.0	35.3	52.9
71	42.0	33.1	49.7

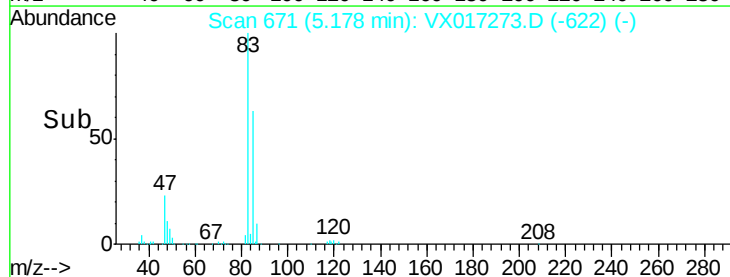
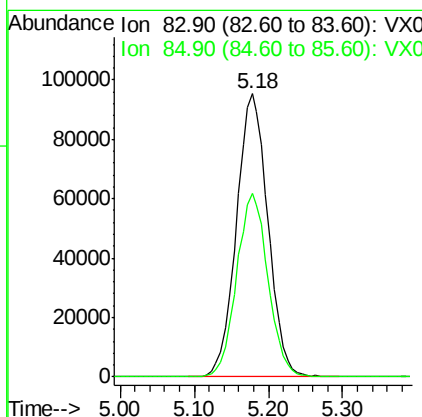
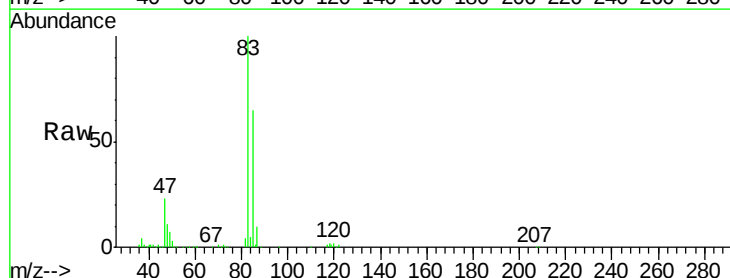
Manual Integrations
APPROVED

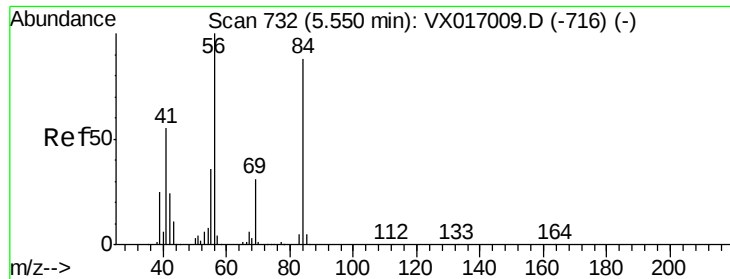
MMDadoda
7/9/2020 10:59:57 AM



#30
Chloroform
Concen: 51.705 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX017273.D
Acq: 08 Jul 2020 22:16

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.4	77.2





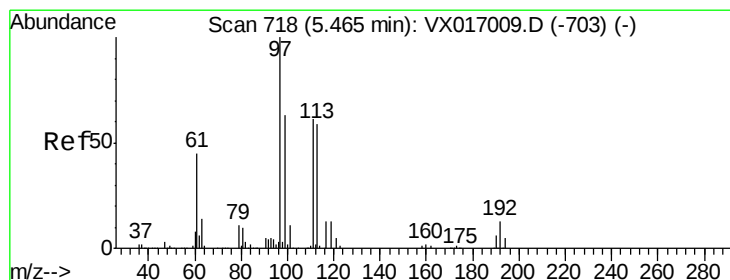
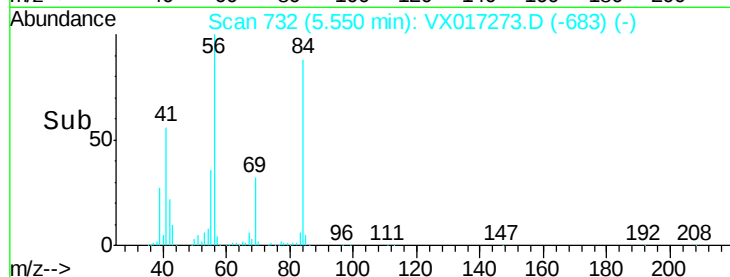
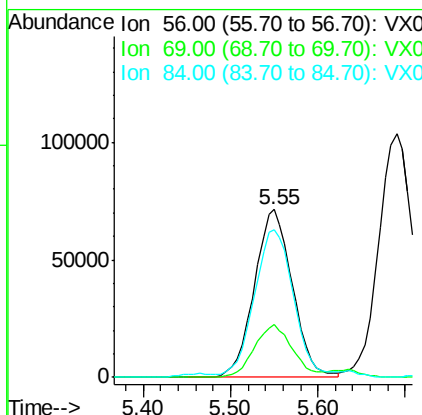
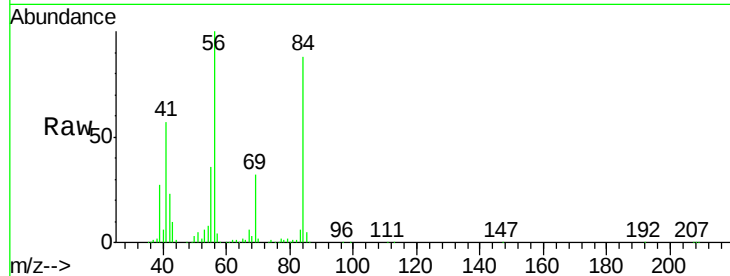
#31
Cyclohexane
Concen: 46.716 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX017273.D
Acq: 08 Jul 2020 22:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.8	25.0	37.4
84	85.9	69.1	103.7

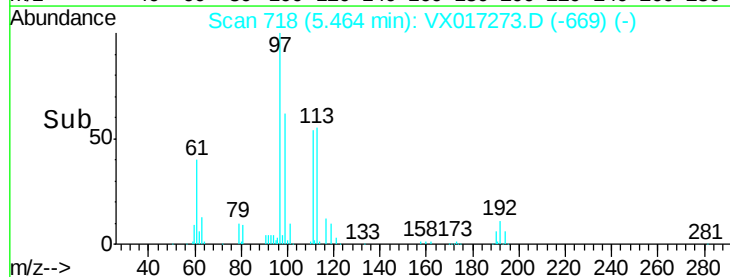
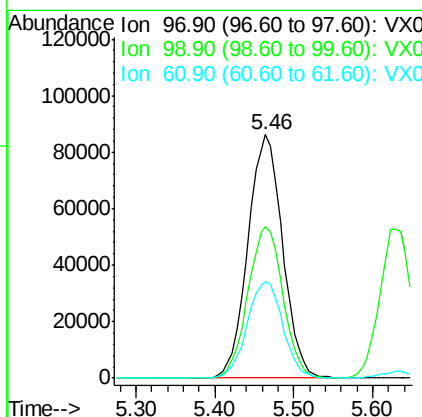
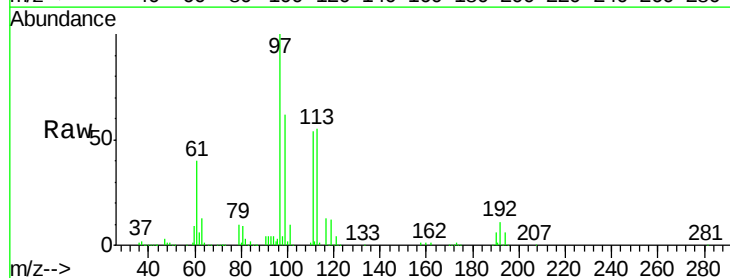
Manual Integrations
APPROVED

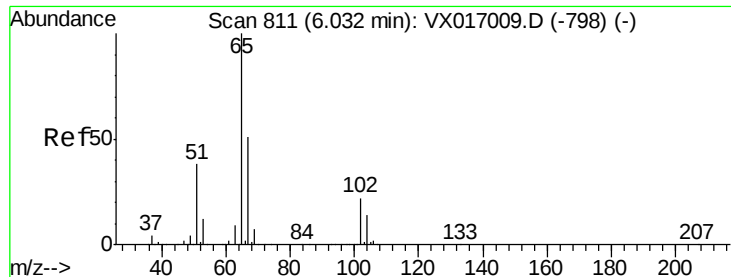
MMDadoda
7/9/2020 10:59:57 AM



#32
1,1,1-Trichloroethane
Concen: 52.222 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX017273.D
Acq: 08 Jul 2020 22:16

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.0	50.8	76.2
61	40.9	33.7	50.5





#33

1,2-Dichloroethane-d4

Concen: 48.100 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017273.D

Acq: 08 Jul 2020 22:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 164381

Ion Ratio Lower Upper

65 100

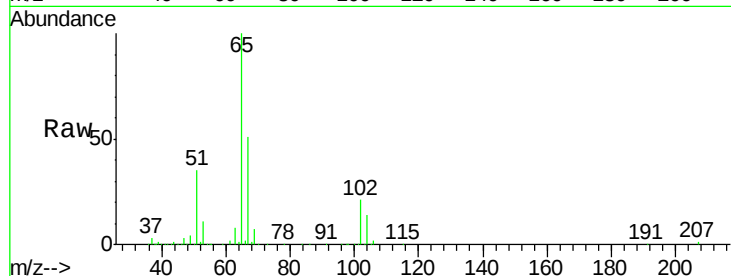
67 52.0 0.0 103.8

Manual Integrations

APPROVED

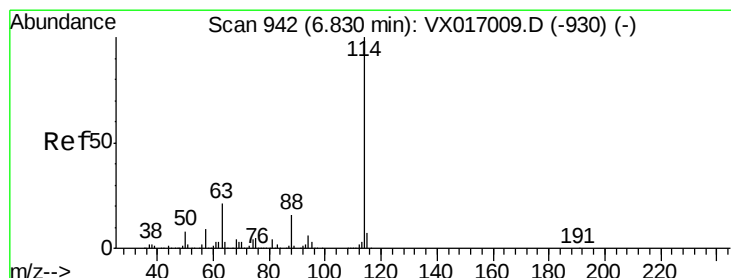
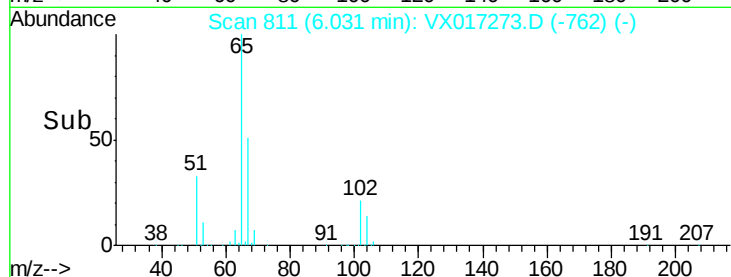
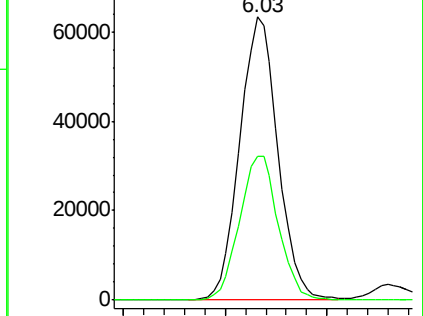
MMDadoda

7/9/2020 10:59:57 AM



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017273.D

Acq: 08 Jul 2020 22:16

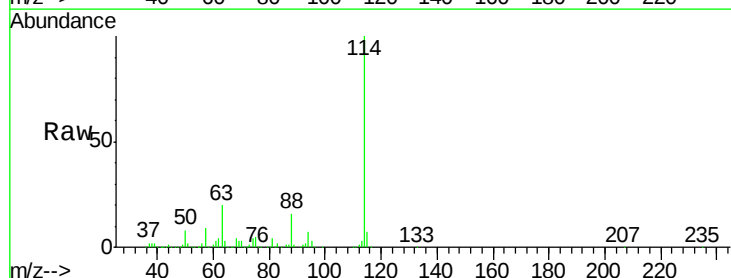
Tgt Ion: 114 Resp: 419426

Ion Ratio Lower Upper

114 100

63 20.2 0.0 41.4

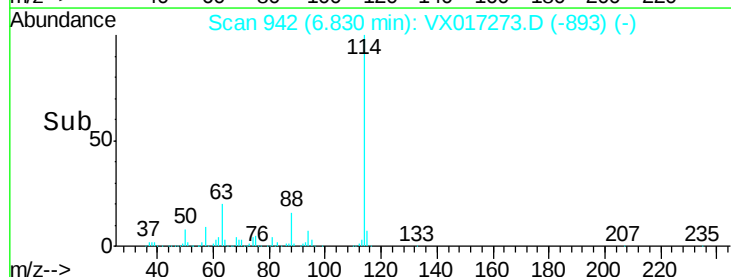
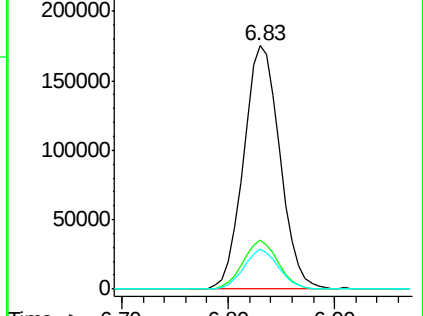
88 16.4 0.0 32.4

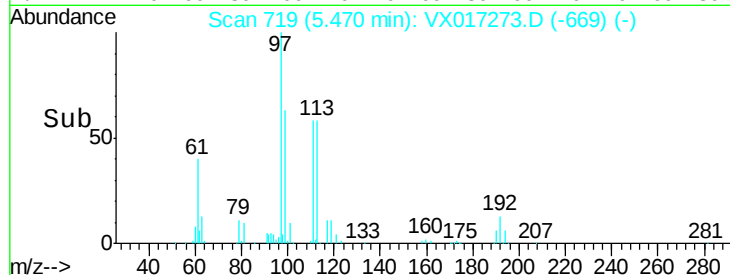
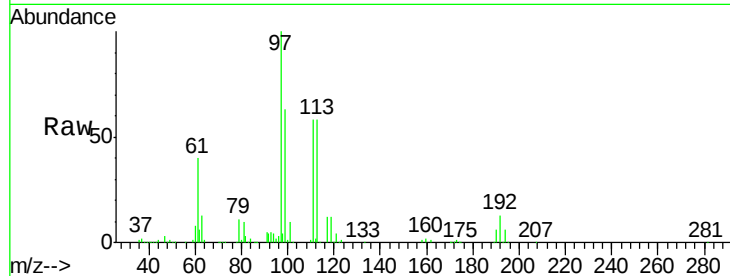
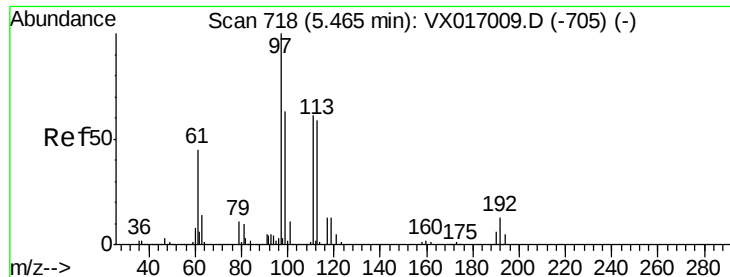


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





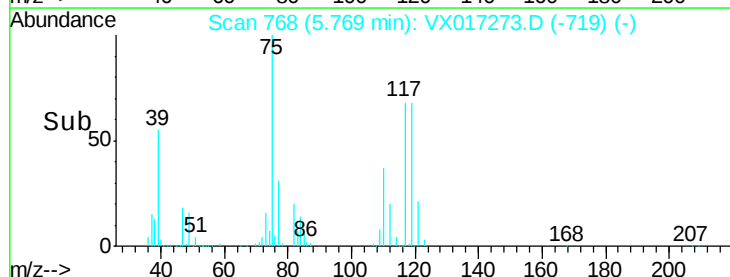
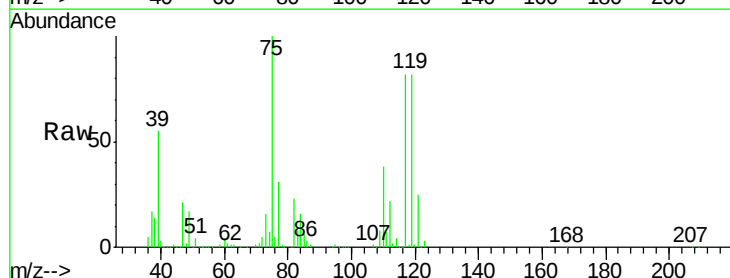
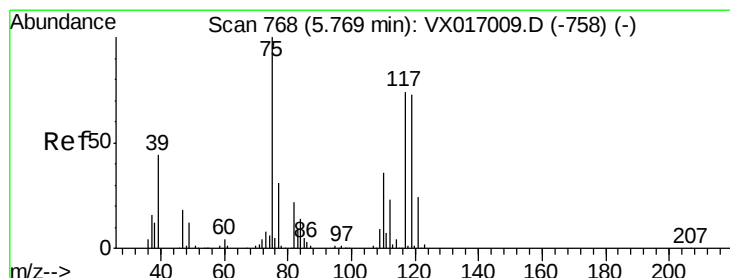
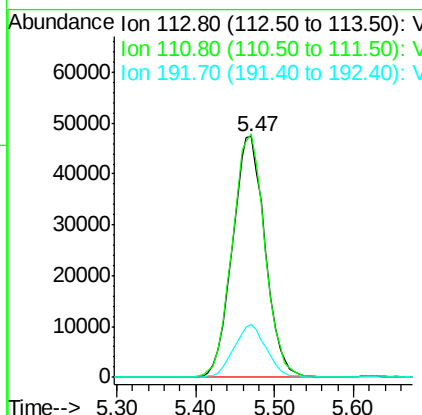
#35
Dibromofluoromethane
Concen: 51.441 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX017273.D
Acq: 08 Jul 2020 22:16

Tot Ion	Ratio	Resp	Lower	Upper
113	100	136481		
111	101.0	81.9	122.9	
192	21.7	16.7	25.1	

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

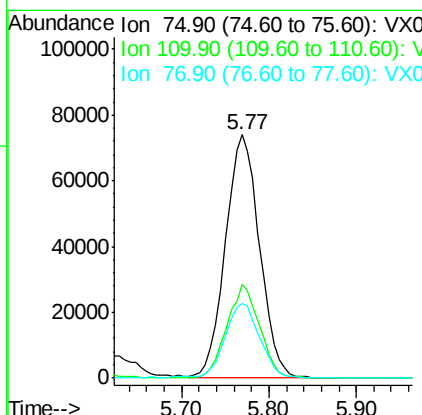
Manual Integrations
APPROVED

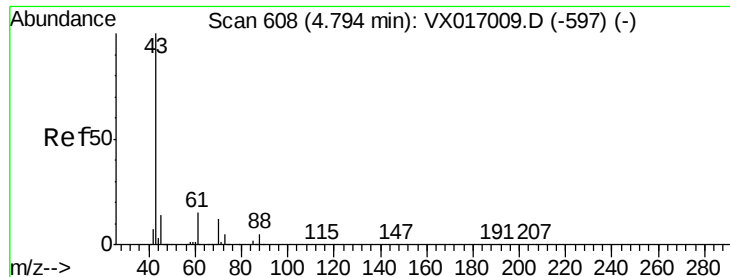
MMDadoda
7/9/2020 10:59:57 AM



#36
1,1-Dichloropropene
Concen: 50.482 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX017273.D
Acq: 08 Jul 2020 22:16

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	200115		
110	37.2	18.1	54.1	
77	31.4	24.6	37.0	





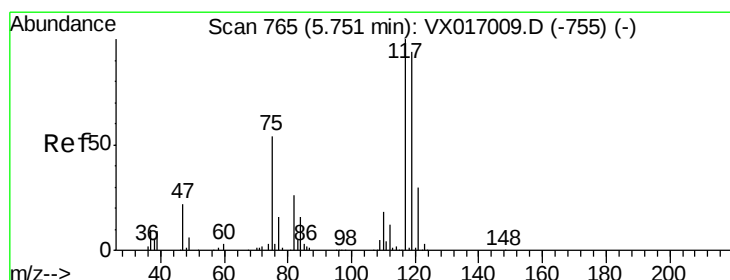
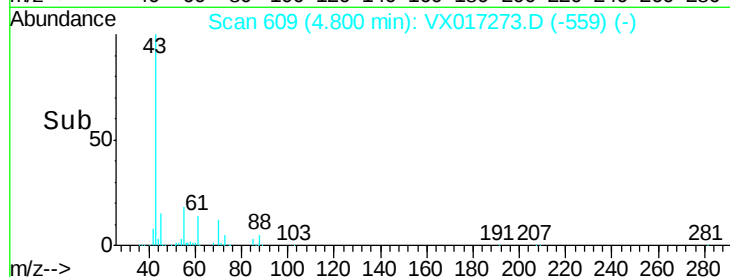
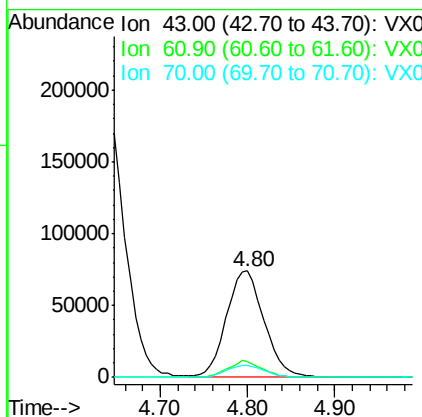
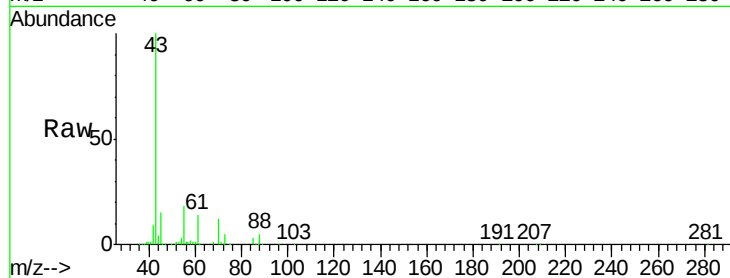
#37
Ethyl Acetate
Concen: 54.933 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX017273.D
Acq: 08 Jul 2020 22:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.0	16.4
70	11.5	8.9	13.3

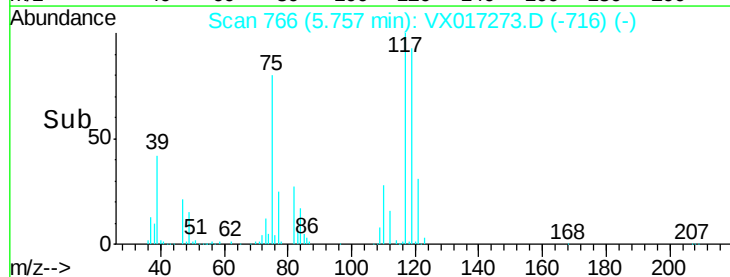
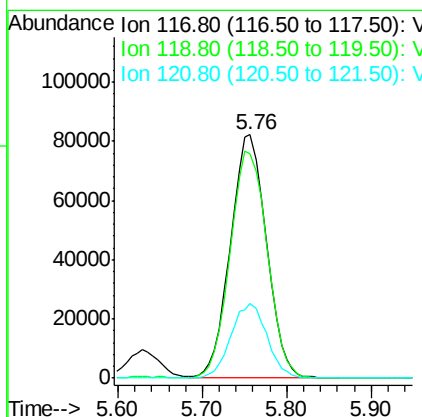
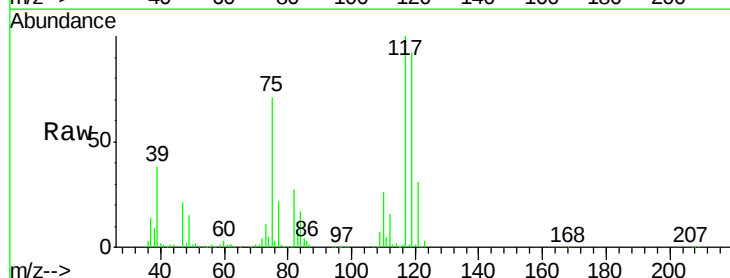
Manual Integrations
APPROVED

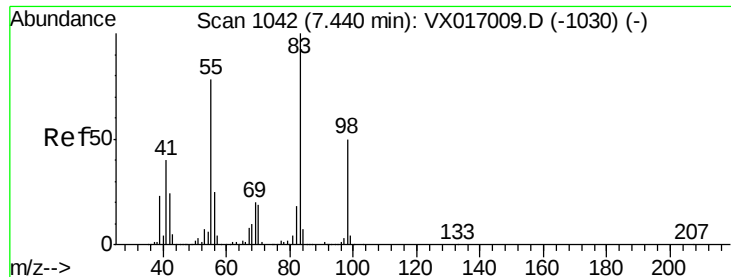
MMDadoda
7/9/2020 10:59:57 AM



#38
Carbon Tetrachloride
Concen: 54.808 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX017273.D
Acq: 08 Jul 2020 22:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.2	75.4	113.0
121	30.6	23.8	35.6





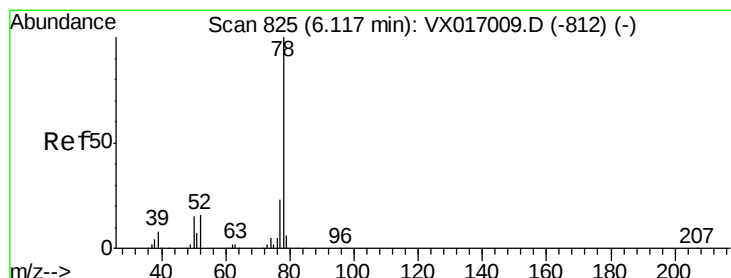
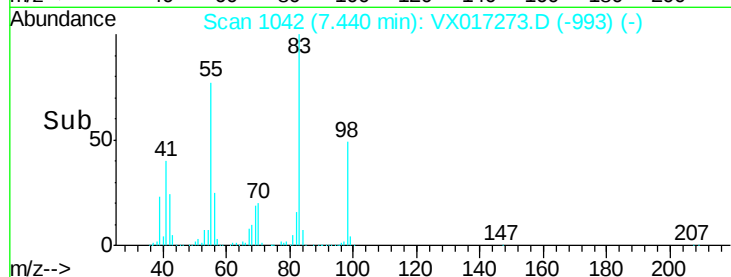
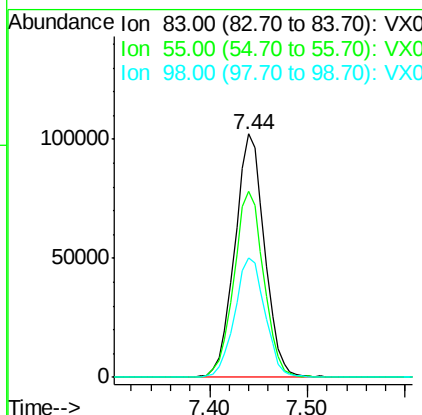
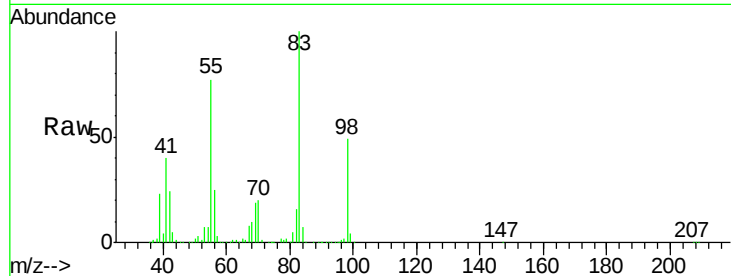
#39
Methvlcvclohexane
Concen: 49.026 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017273.D
Acq: 08 Jul 2020 22:16

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	216230		
55	76.4		62.5	93.7
98	49.0		40.1	60.1

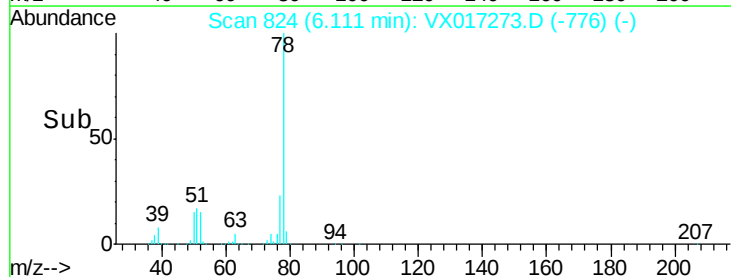
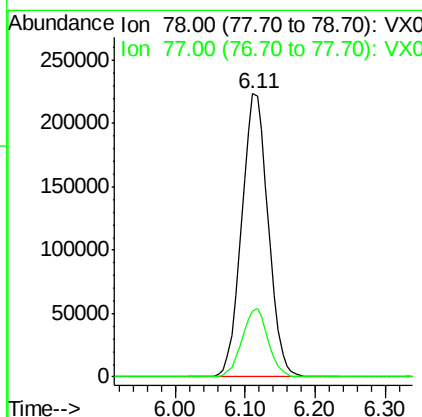
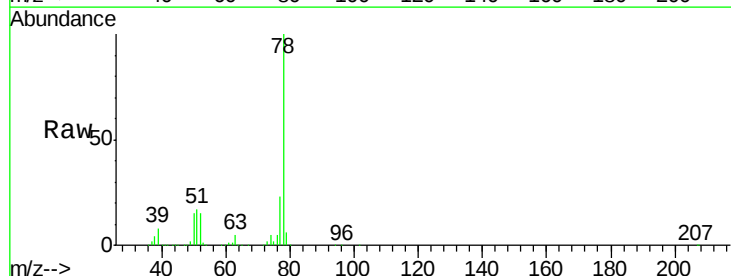
Manual Integrations
APPROVED

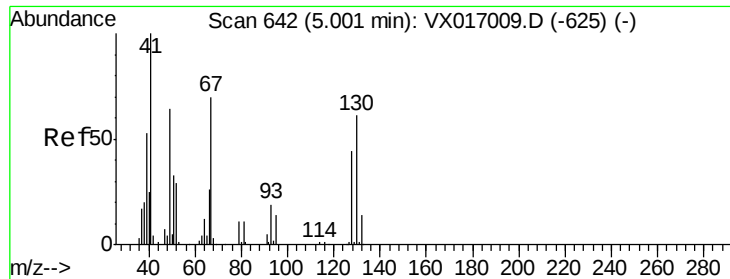
MMDadoda
7/9/2020 10:59:57 AM



#40
Benzene
Concen: 50.506 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX017273.D
Acq: 08 Jul 2020 22:16

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	588255		
77	23.2		18.3	27.5





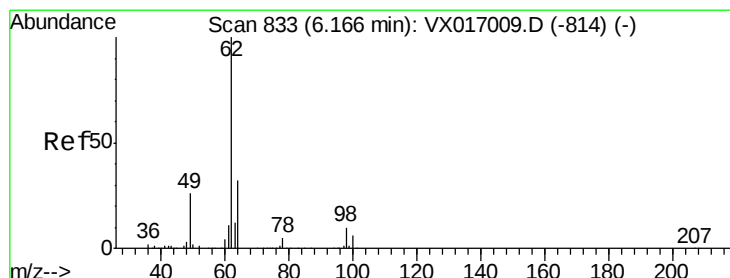
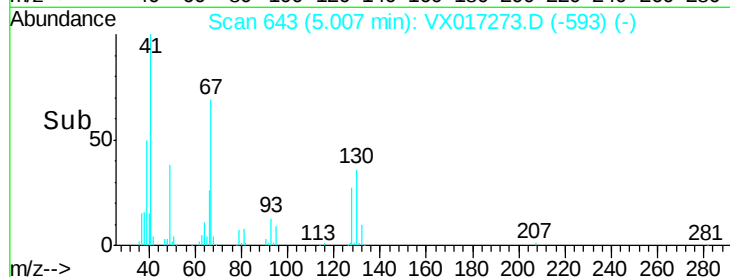
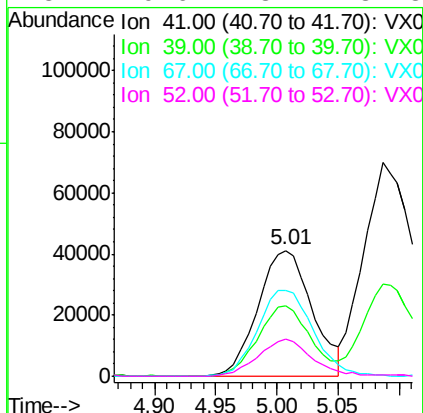
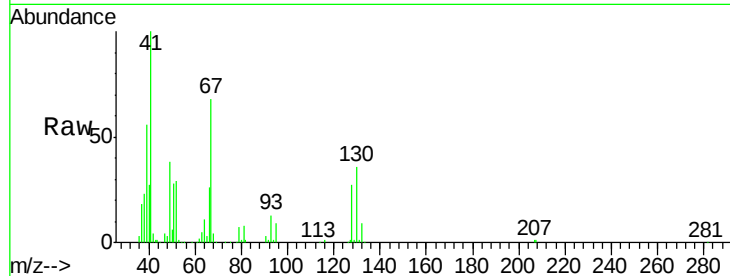
#41
Methacrylonitrile
Concen: 56.114 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX017273.D
Acq: 08 Jul 2020 22:16

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.8	44.4	66.6	
67	70.1	57.1	85.7	
52	29.6	23.2	34.8	

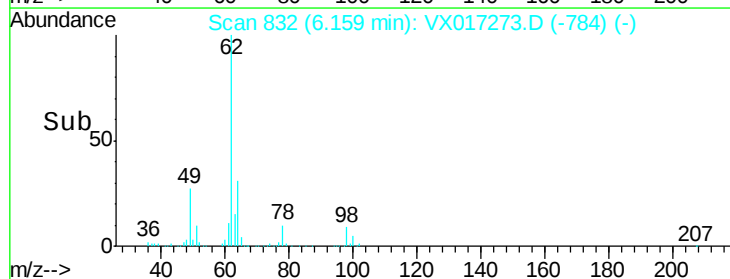
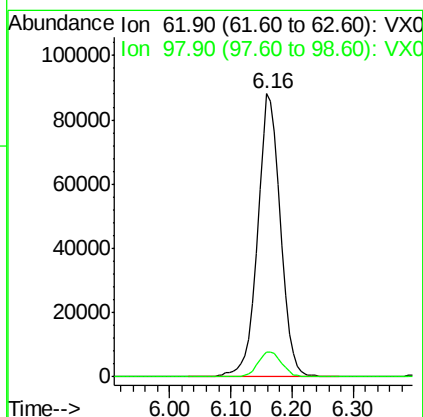
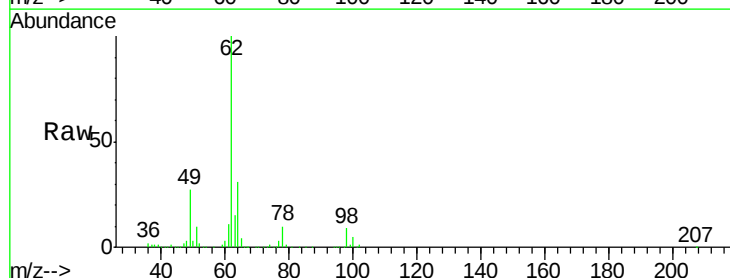
Manual Integrations
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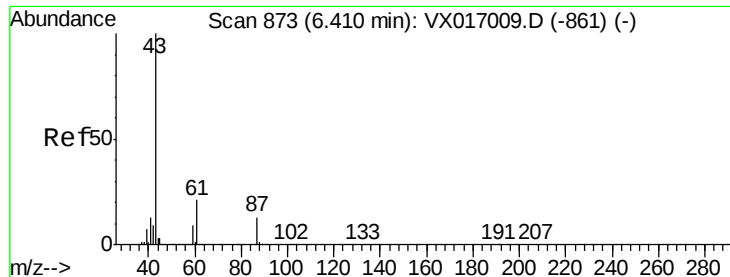
MMDadoda
7/9/2020 10:59:57 AM



#42
1,2-Dichloroethane
Concen: 55.008 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX017273.D
Acq: 08 Jul 2020 22:16

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.2	0.0	19.2	





#43

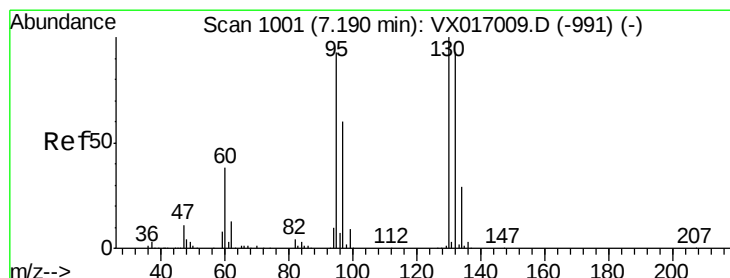
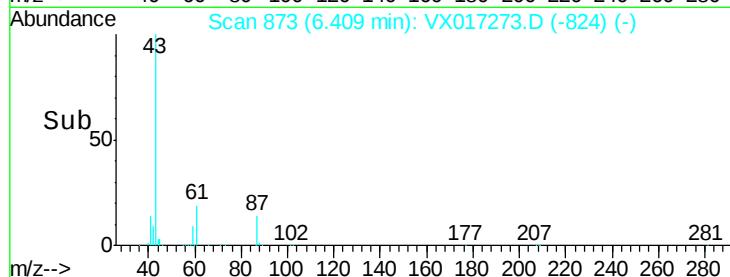
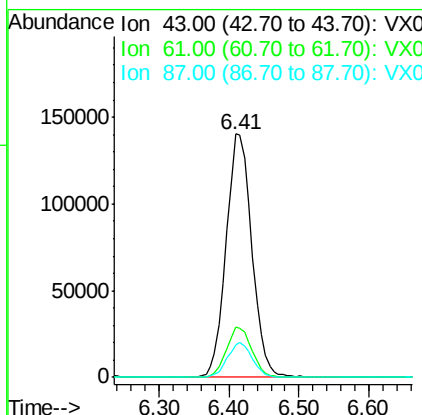
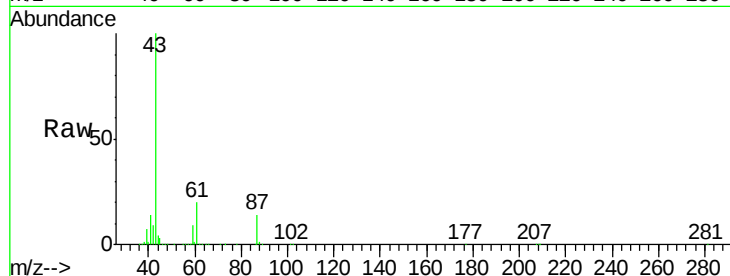
Isopropyl Acetate
 Concen: 53.464 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.00 min
 Lab File: VX017273.D
 Acq: 08 Jul 2020 22:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.5	16.2	24.2
87	13.9	10.7	16.1

Manual Integrations
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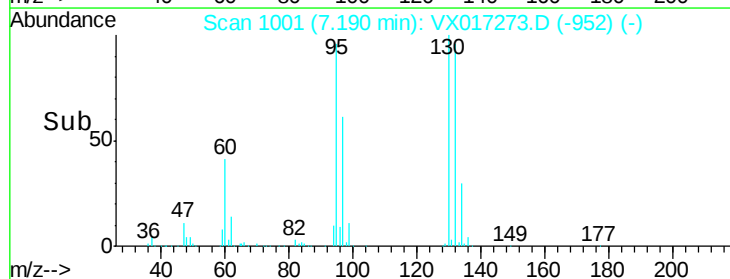
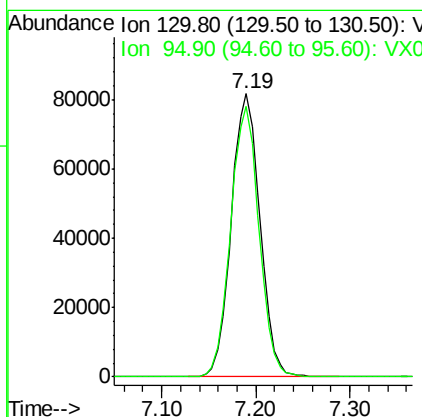
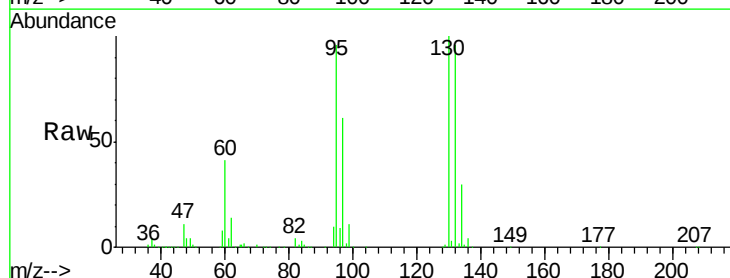
MMDadoda
 7/9/2020 10:59:57 AM

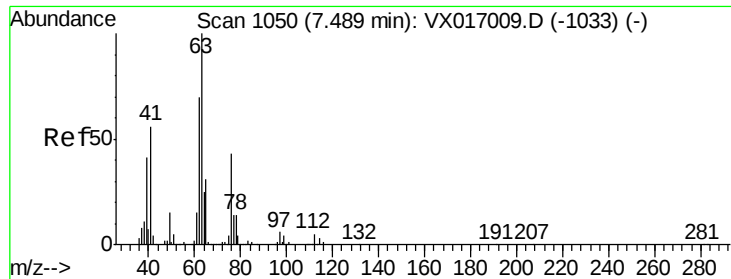


#44

Trichloroethene
 Concen: 53.867 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX017273.D
 Acq: 08 Jul 2020 22:16

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.7	0.0	185.0





#45

1,2-Dichloropropane

Concen: 51.962 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX017273.D

Acq: 08 Jul 2020 22:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 155443

Ion Ratio Lower Upper

63 100

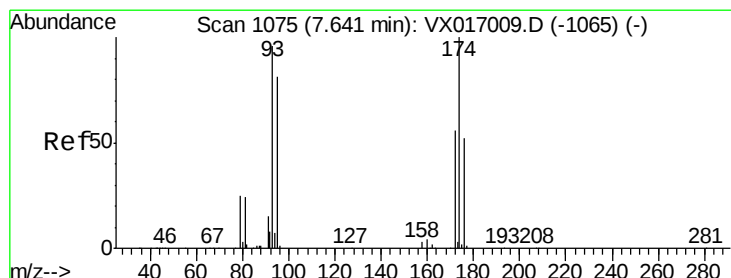
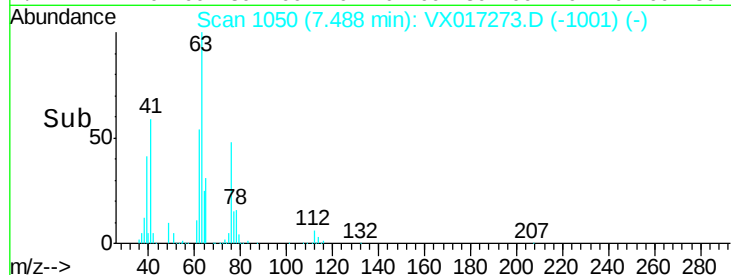
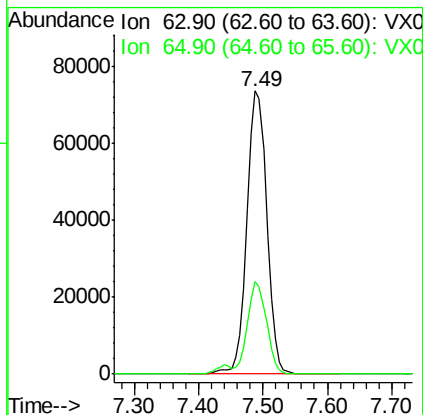
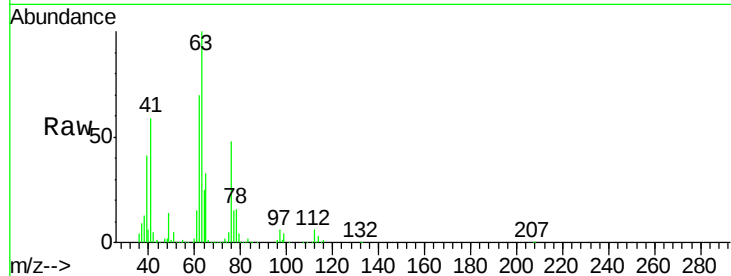
65 32.6 24.6 36.8

Manual Integrations

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MMDadoda

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#46

Dibromomethane

Concen: 54.046 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX017273.D

Acq: 08 Jul 2020 22:16

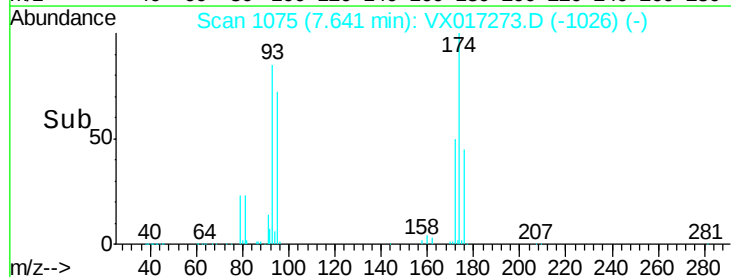
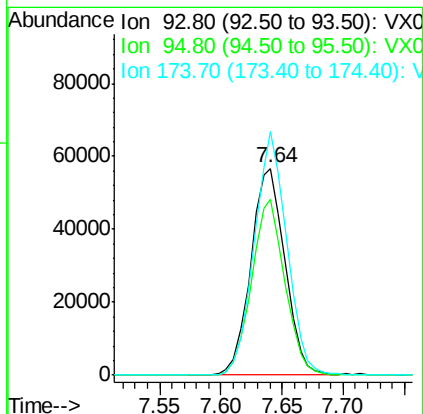
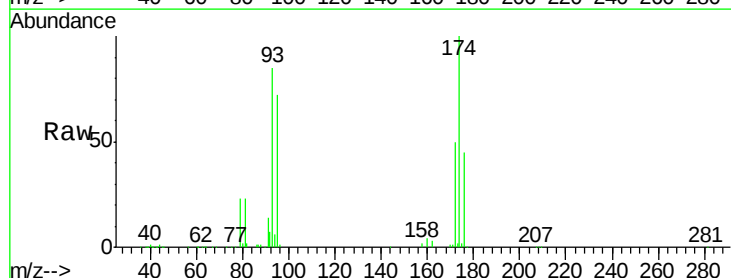
Tgt Ion: 93 Resp: 110381

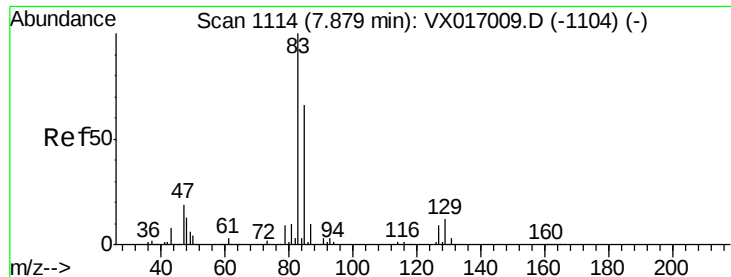
Ion Ratio Lower Upper

93 100

95 82.8 67.4 101.0

174 112.6 84.3 126.5





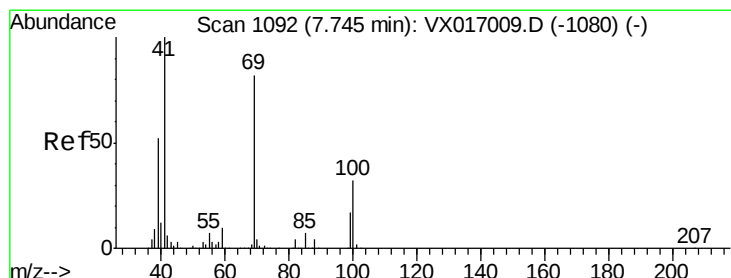
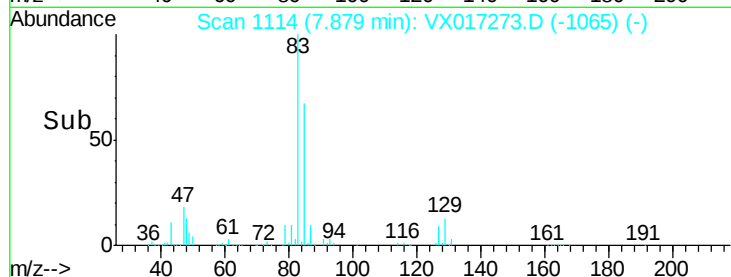
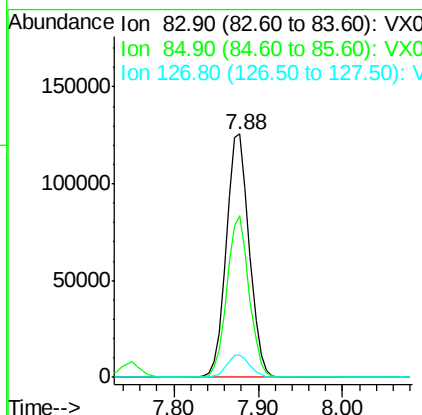
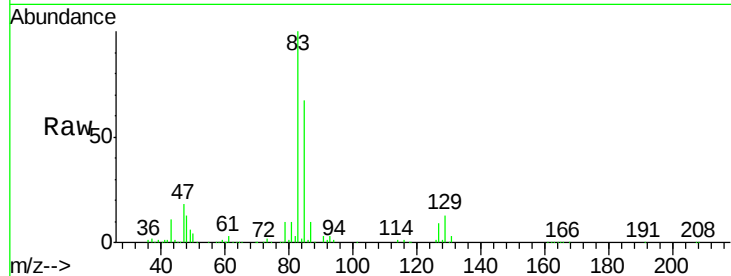
#47
Bromodichloromethane
Concen: 55.578 ug/l
RT: 7.88 min Scan# 1114
Delta R.T. -0.00 min
Lab File: VX017273.D
Acq: 08 Jul 2020 22:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	233923		
85	66.7	53.0	79.4	
127	9.4	7.5	11.3	

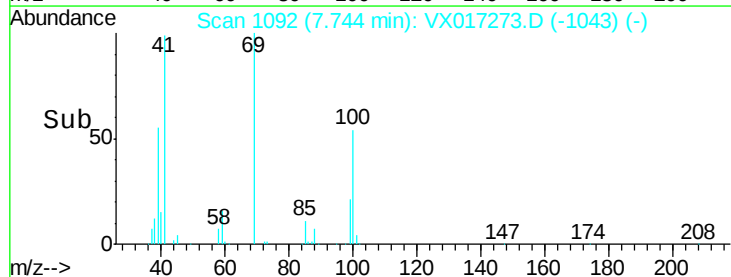
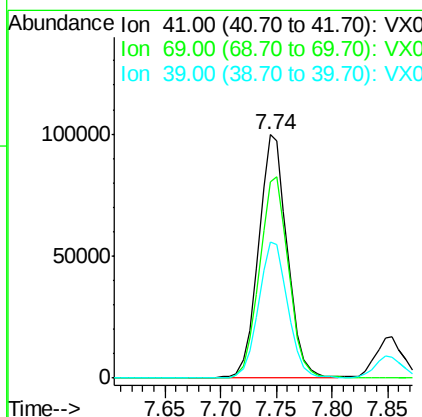
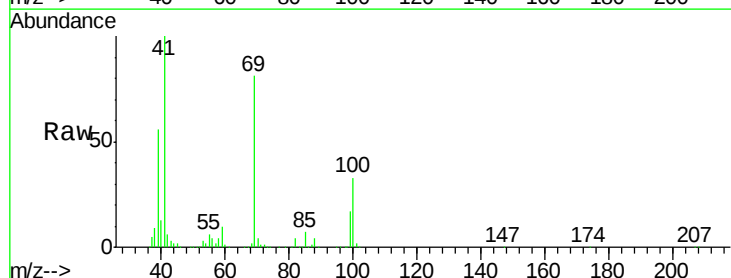
Manual Integrations
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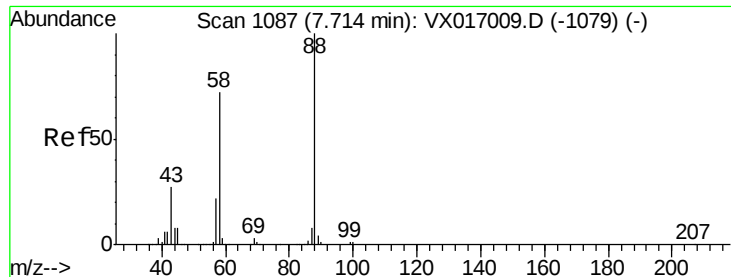
MMDadoda
7/9/2020 10:59:57 AM



#48
Methyl methacrylate
Concen: 56.540 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VX017273.D
Acq: 08 Jul 2020 22:16

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	179529		
69	83.9	65.8	98.8	
39	56.6	42.5	63.7	





#49

1,4-Dioxane

Concen: 1006.599 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX017273.D

Acq: 08 Jul 2020 22:16

Instrument :

MSVOA_X

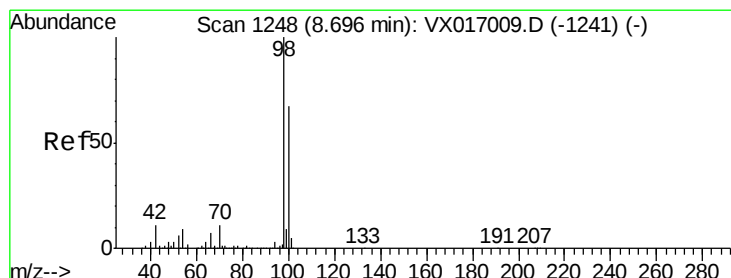
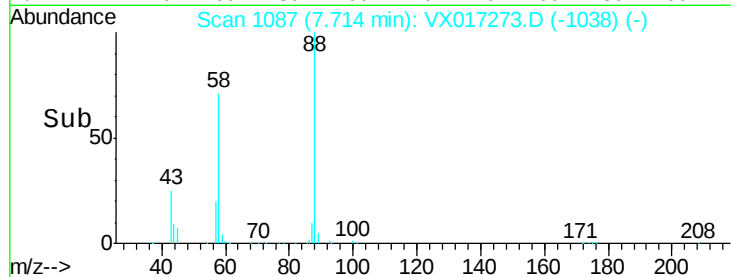
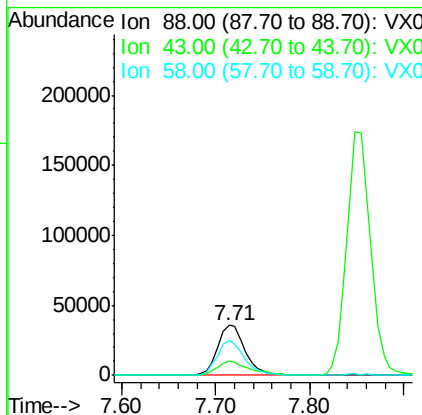
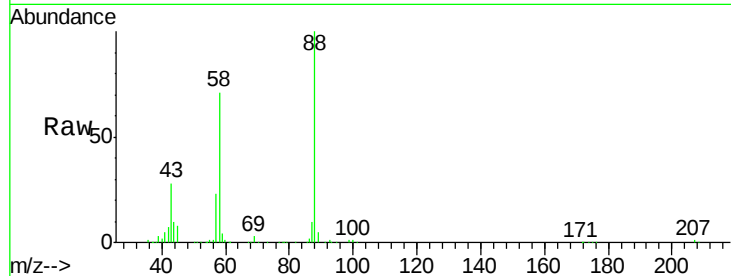
ClientSampleId :

VSTDCCC050

Tot Ion:	88	Resp:	72409
Ion	Ratio	Lower	Upper
88	100		
43	32.9	25.8	38.8
58	69.7	54.8	82.2

Manual Integrations
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#50

Toluene-d8

Concen: 49.970 ug/l

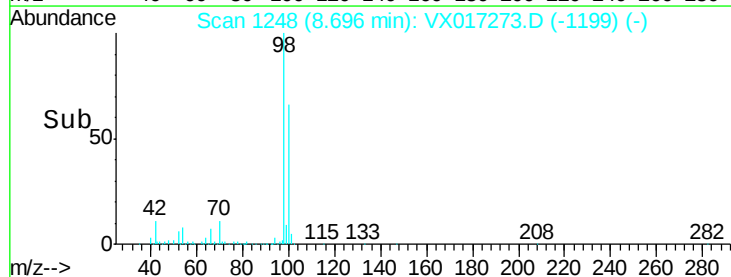
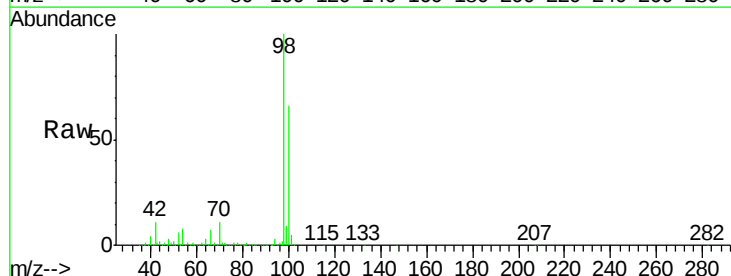
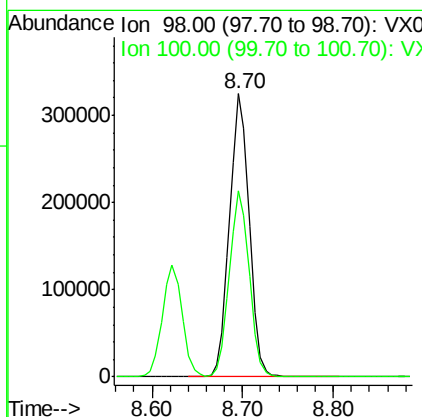
RT: 8.70 min Scan# 1248

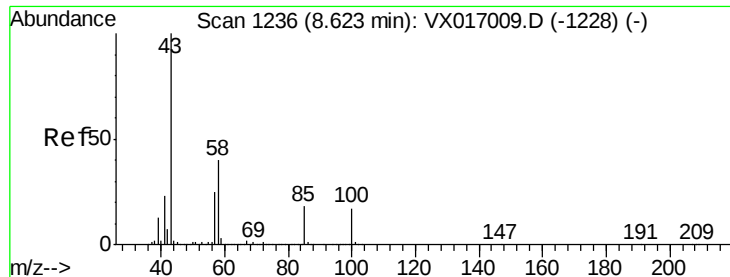
Delta R.T. -0.00 min

Lab File: VX017273.D

Acq: 08 Jul 2020 22:16

Tgt Ion:	98	Resp:	490244
Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.8	80.6





#51

4-Methyl-2-Pentanone

Concen: 287.829 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX017273.D

Acq: 08 Jul 2020 22:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1146700

Ion Ratio Lower Upper

43 100

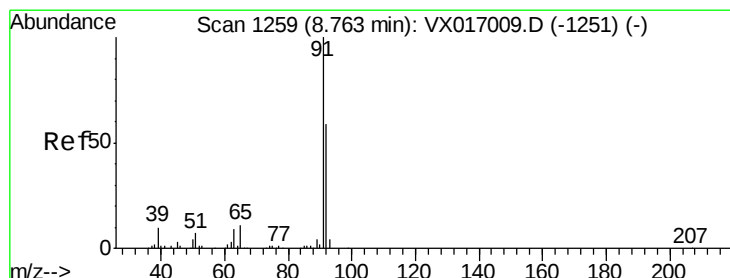
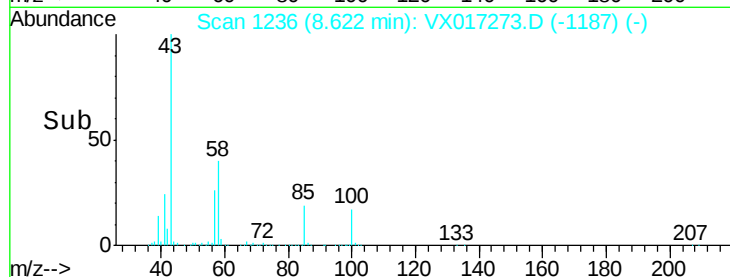
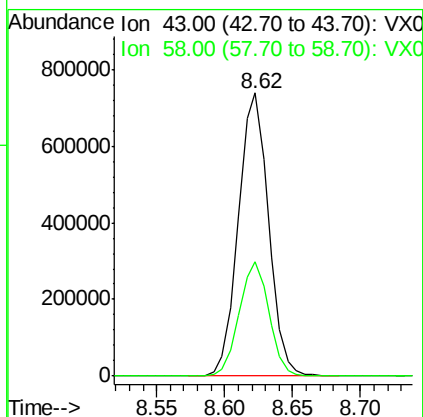
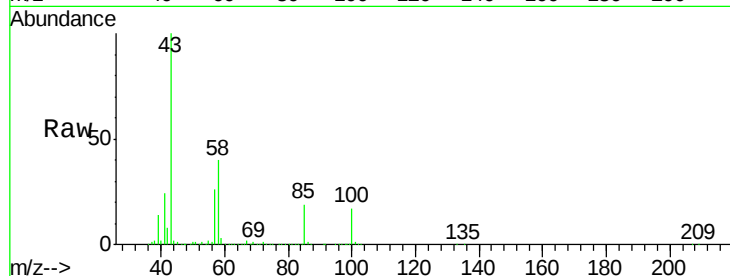
58 39.9 31.9 47.9

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#52

Toluene

Concen: 53.311 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX017273.D

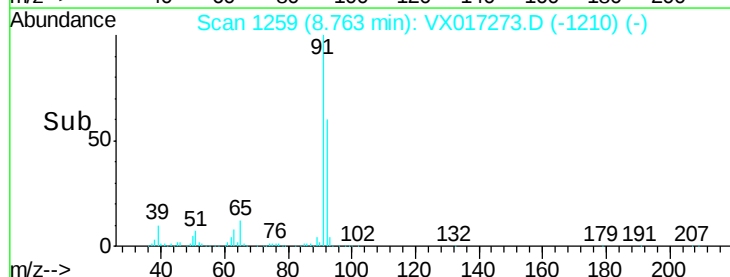
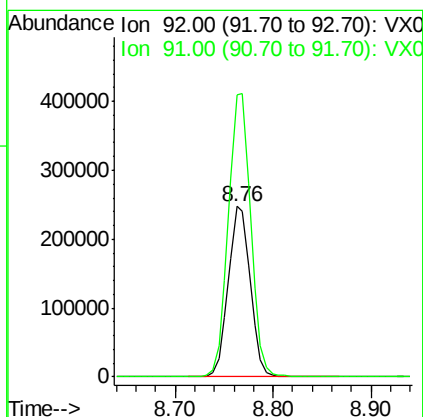
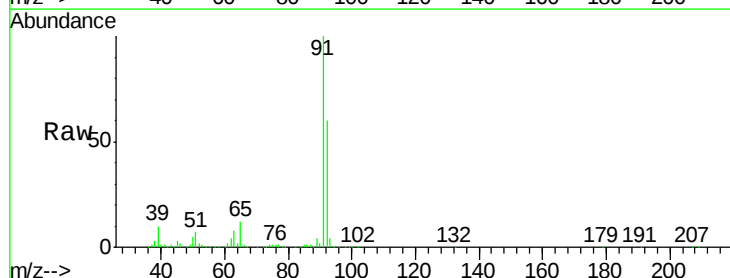
Acq: 08 Jul 2020 22:16

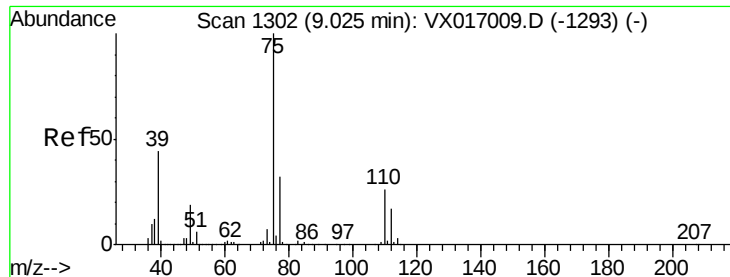
Tgt Ion: 92 Resp: 387666

Ion Ratio Lower Upper

92 100

91 168.8 136.9 205.3





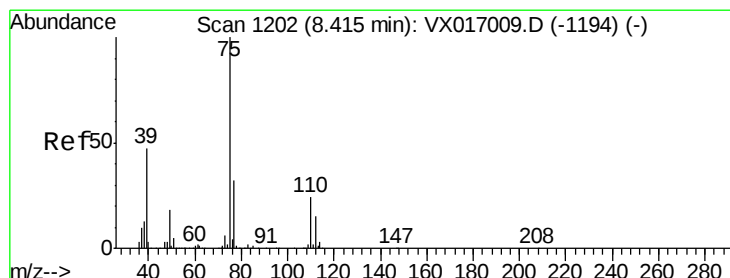
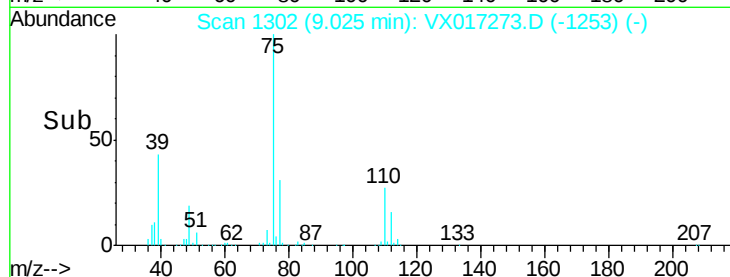
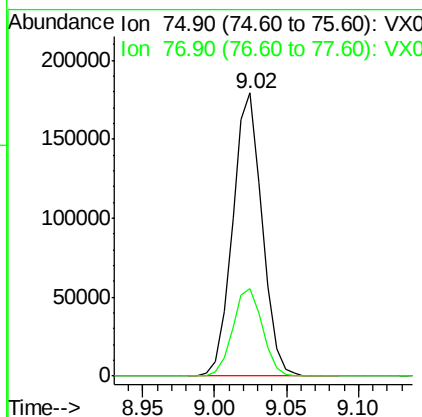
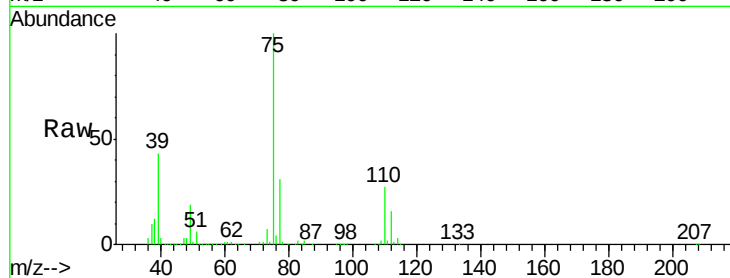
#53
t-1,3-Dichloropropene
Concen: 55.094 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX017273.D
Acq: 08 Jul 2020 22:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.0	25.6	38.4

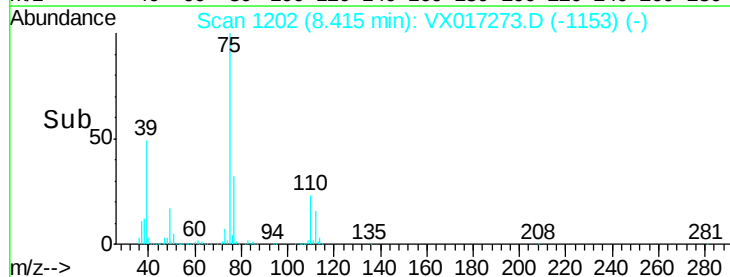
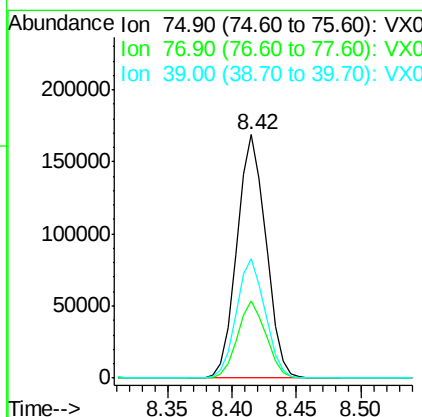
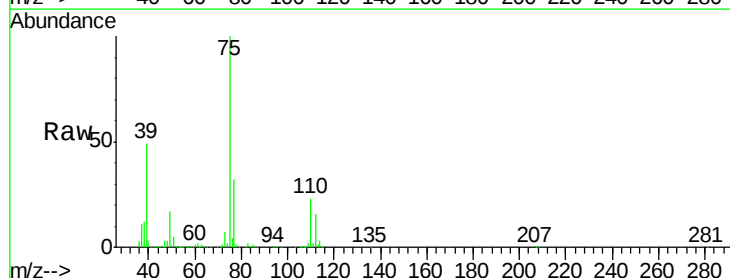
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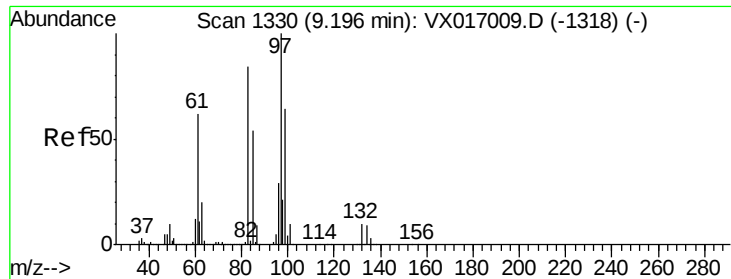
MMDadoda
7/9/2020 10:59:57 AM



#54
cis-1,3-Dichloropropene
Concen: 52.998 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX017273.D
Acq: 08 Jul 2020 22:16

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.2	37.8
39	48.9	37.4	56.2





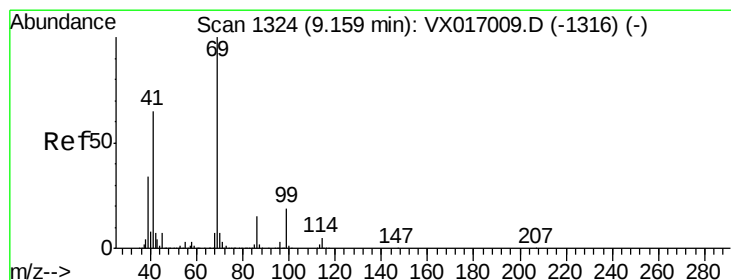
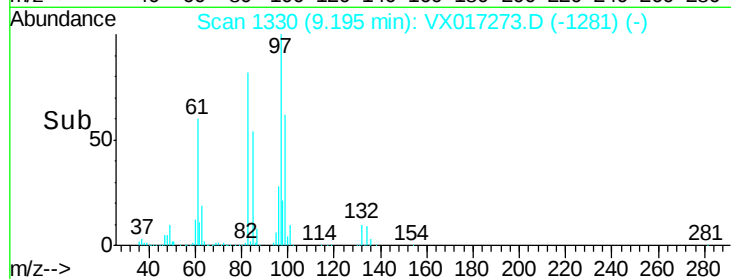
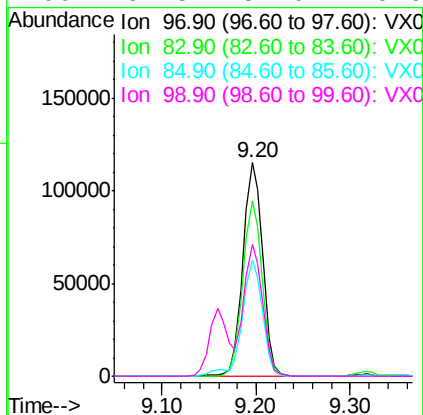
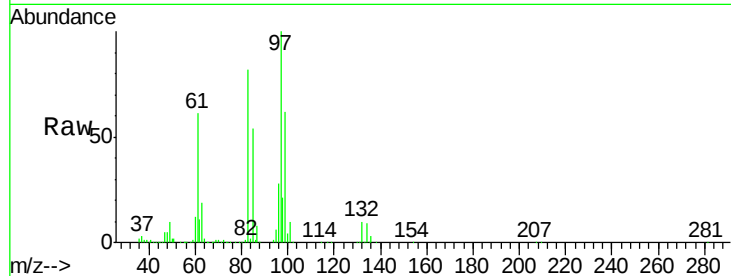
#55
 1,1,2-Trichloroethane
 Concen: 56.679 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017273.D
 Acq: 08 Jul 2020 22:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		168397		
83	81.9	67.0	100.6		
85	54.3	43.5	65.3		
99	61.5	51.0	76.6		

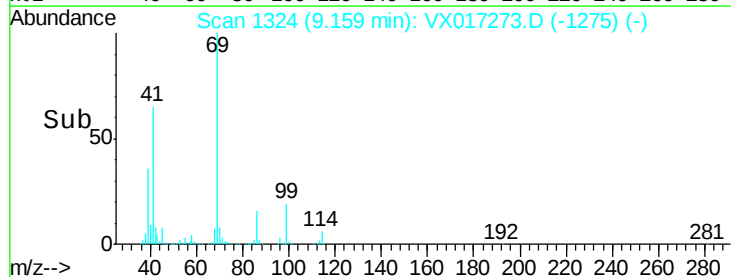
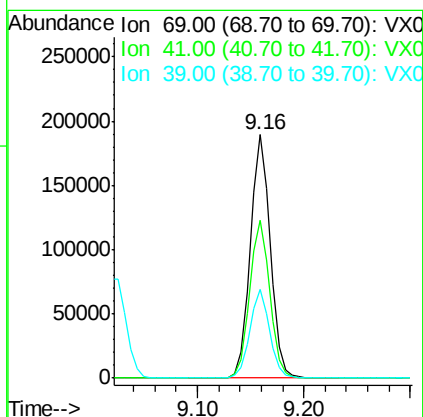
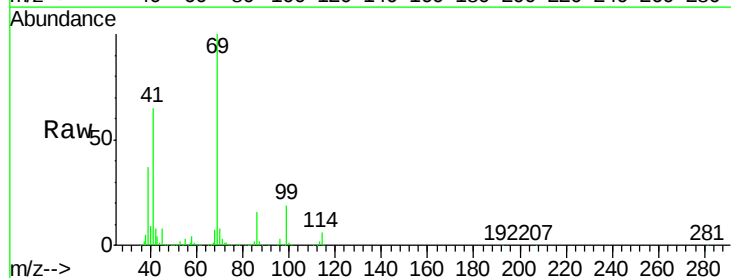
Manual Integrations
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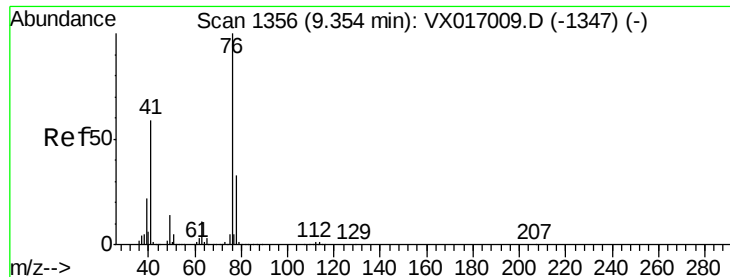
MMDadoda
 7/9/2020 10:59:57 AM



#56
 Ethyl methacrylate
 Concen: 58.963 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017273.D
 Acq: 08 Jul 2020 22:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		249341		
41	65.8	53.6	80.4		
39	36.0	28.2	42.2		





#57

1,3-Dichloropropane

Concen: 54.209 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017273.D

Acq: 08 Jul 2020 22:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 272528

Ion Ratio Lower Upper

76 100

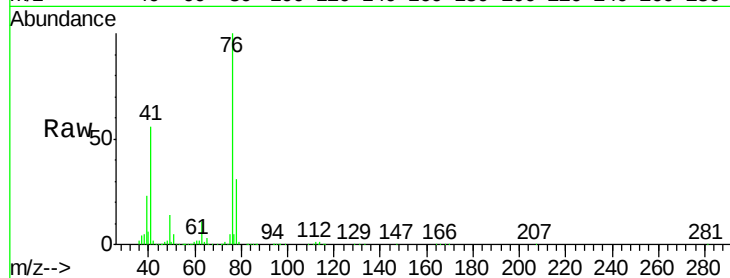
78 32.1 25.9 38.9

Manual Integrations

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7/9/2020 10:59:57 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

200000

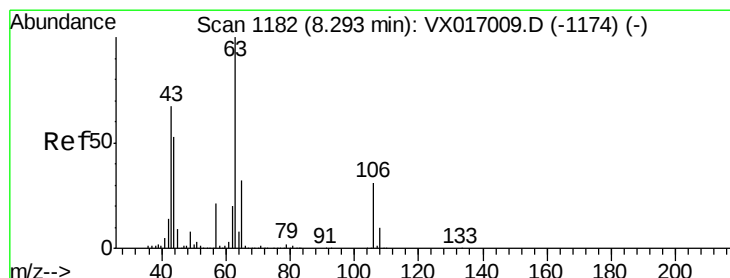
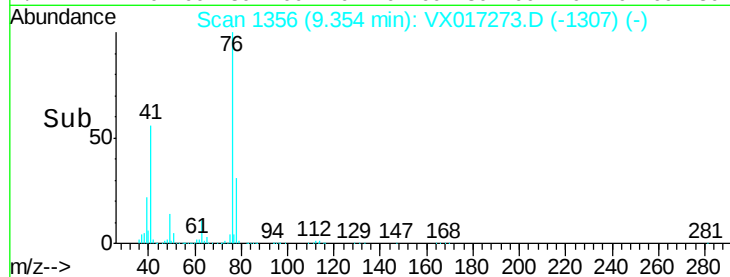
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 271.593 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX017273.D

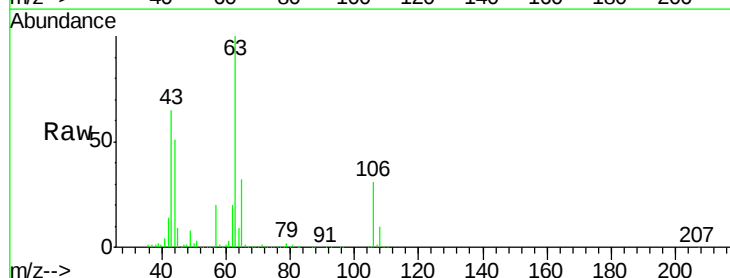
Acq: 08 Jul 2020 22:16

Tgt Ion: 63 Resp: 571601

Ion Ratio Lower Upper

63 100

106 30.6 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

400000

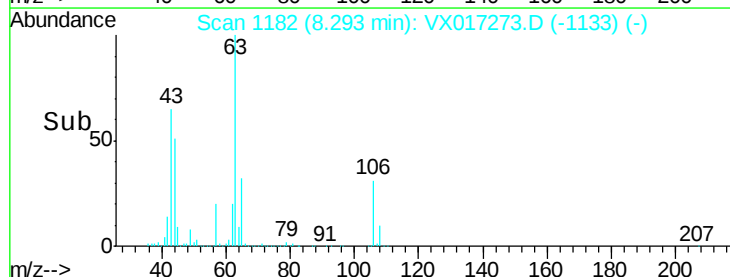
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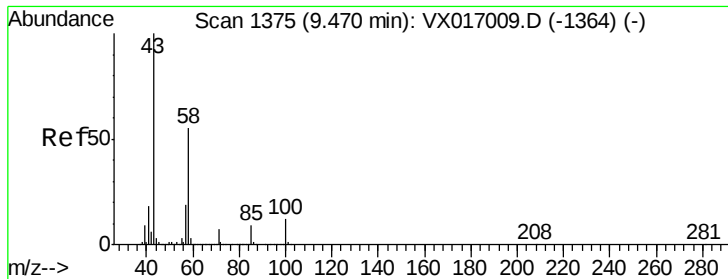
200000

100000

0

Time-->





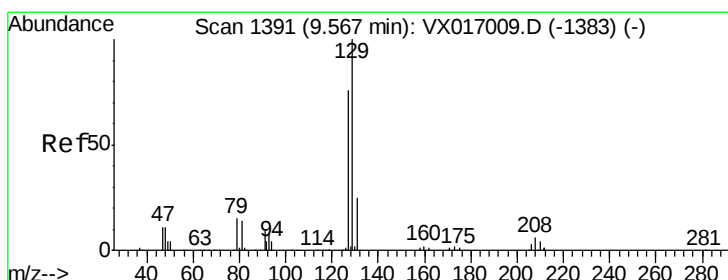
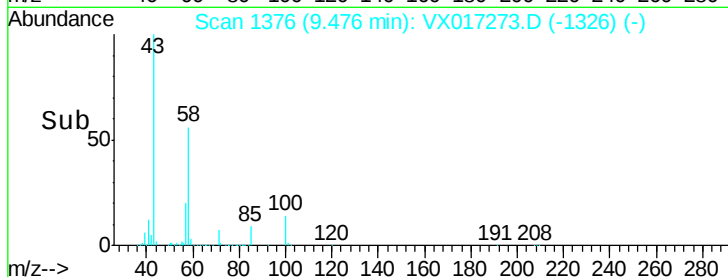
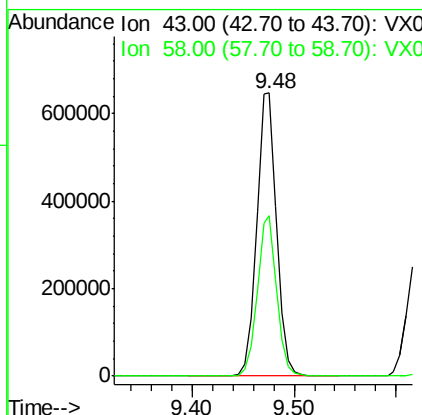
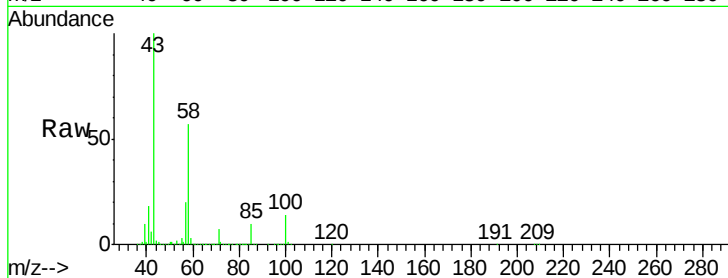
#59
2-Hexanone
Concen: 304.774 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX017273.D
Acq: 08 Jul 2020 22:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.3	27.9	83.6

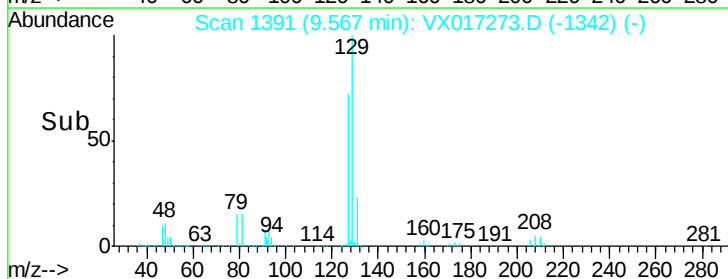
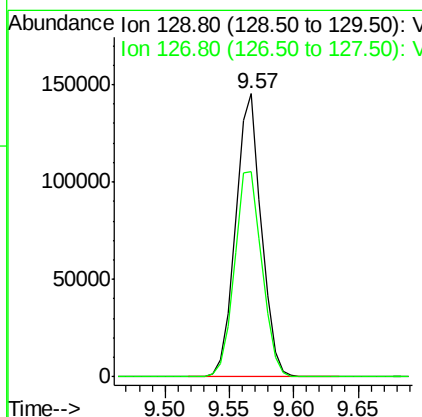
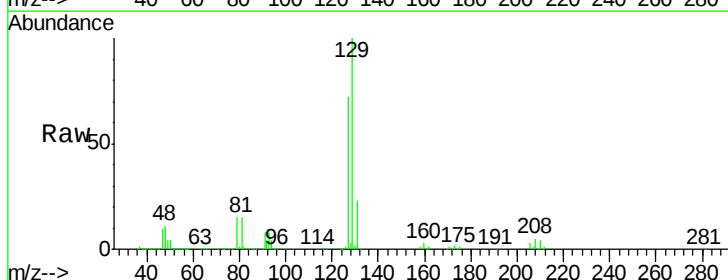
Manual Integrations
APPROVED

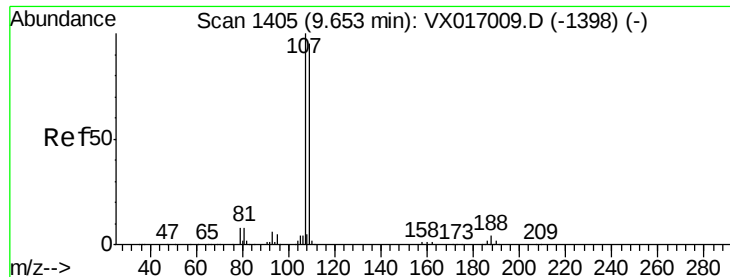
MMDadoda
7/9/2020 10:59:57 AM



#60
Dibromochloromethane
Concen: 58.383 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017273.D
Acq: 08 Jul 2020 22:16

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.0	38.9	116.7





#61

1,2-Dibromoethane

Concen: 55.706 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017273.D

Acq: 08 Jul 2020 22:16

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 107 Resp: 177901

Ion Ratio Lower Upper

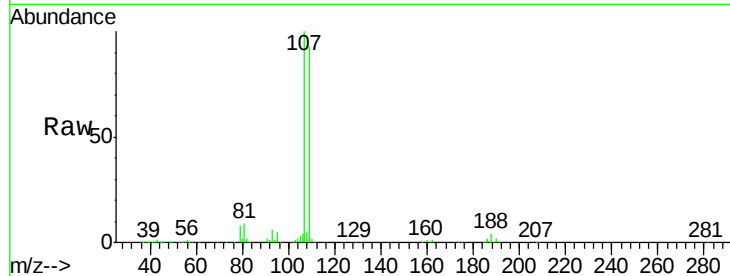
107 100

109 94.5 75.8 113.8

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

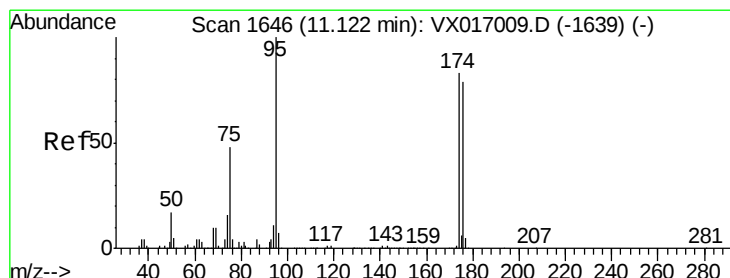
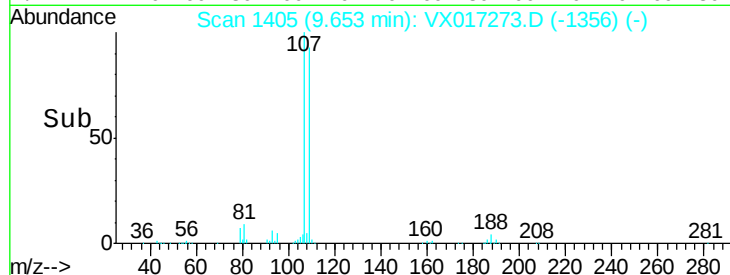
150000

100000

50000

0

Time--> 9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 52.795 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017273.D

Acq: 08 Jul 2020 22:16

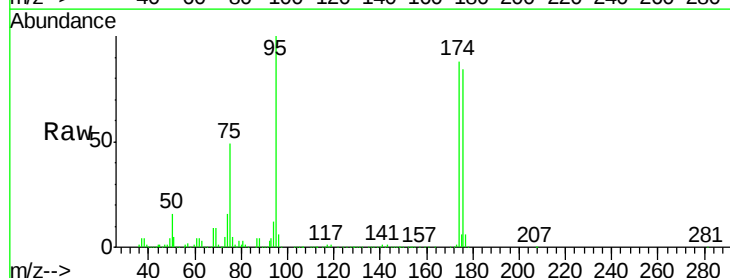
Tgt Ion: 95 Resp: 202479

Ion Ratio Lower Upper

95 100

174 86.1 0.0 164.0

176 83.2 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

200000

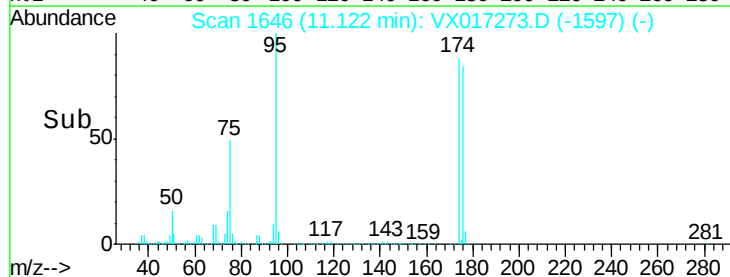
150000

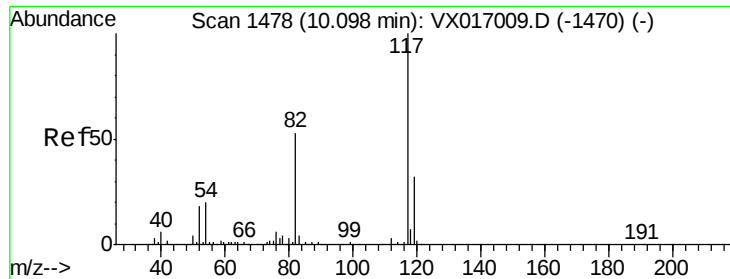
100000

50000

0

Time--> 11.05 11.10 11.15 11.20





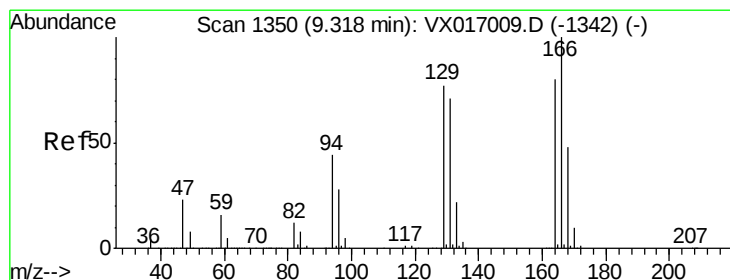
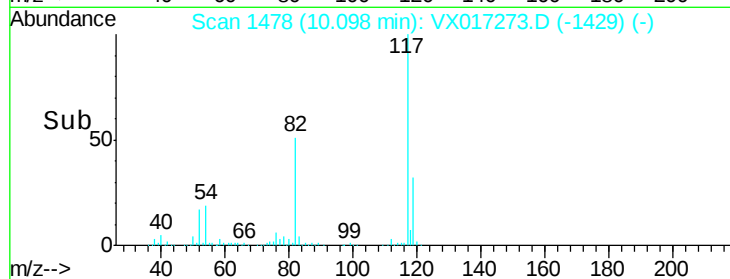
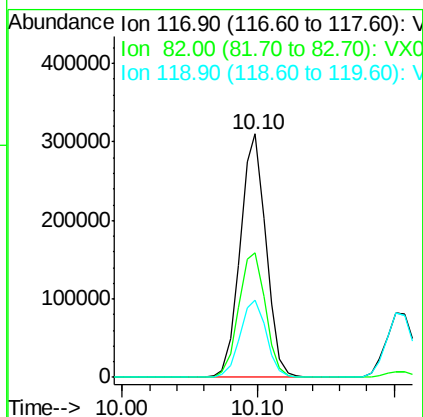
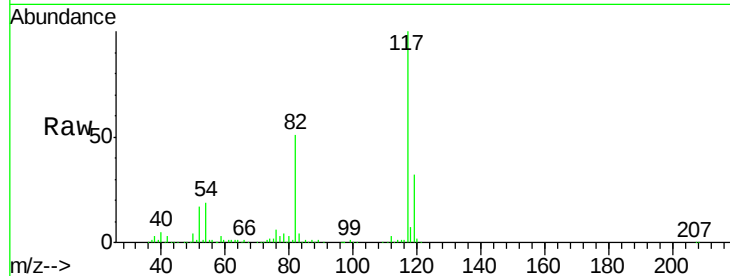
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017273.D
Acq: 08 Jul 2020 22:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	408715		
82	51.3		42.6	63.8
119	31.8		25.4	38.2

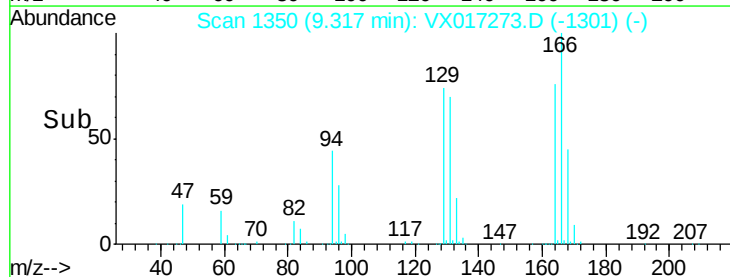
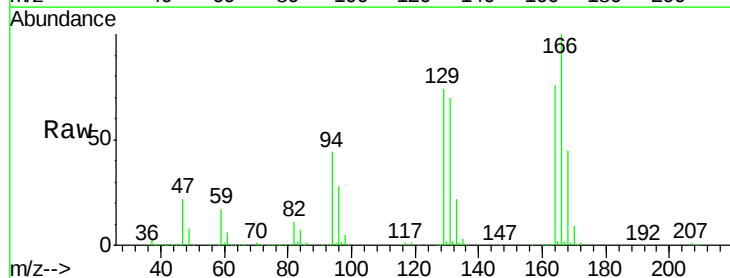
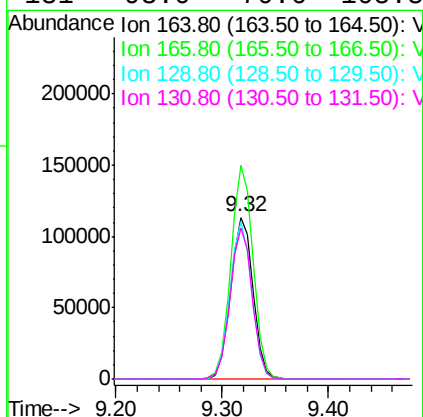
Manual Integrations
APPROVED

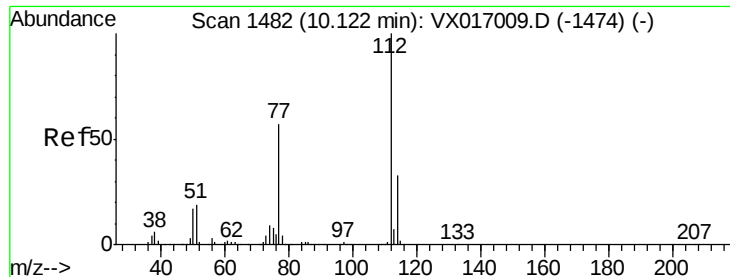
MMDadoda
7/9/2020 10:59:57 AM



#64
Tetrachloroethene
Concen: 50.705 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017273.D
Acq: 08 Jul 2020 22:16

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	167256		
166	131.9		99.4	149.0
129	97.0		76.3	114.5
131	93.0		70.6	105.8





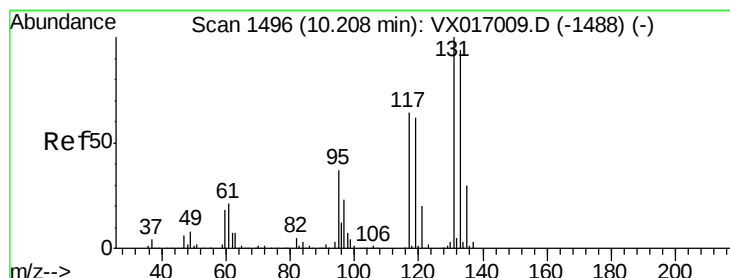
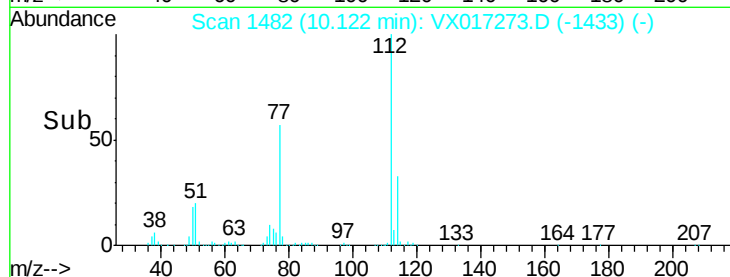
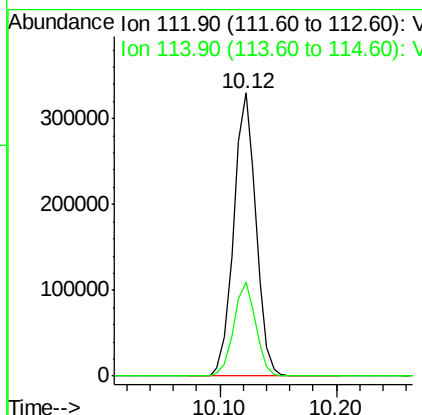
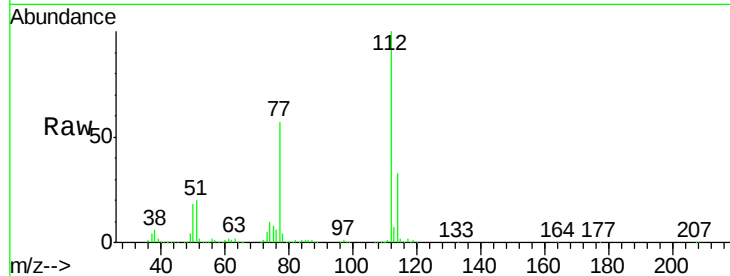
#65
Chlorobenzene
Concen: 52.022 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017273.D
Acq: 08 Jul 2020 22:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.0	26.2	39.4

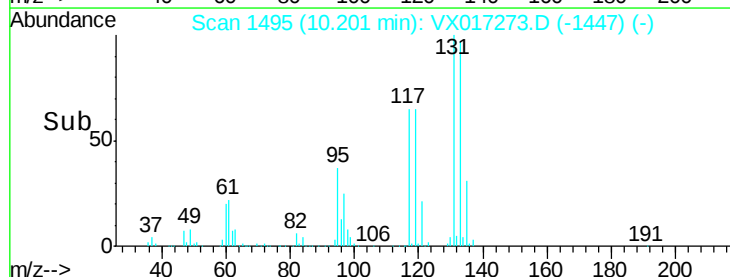
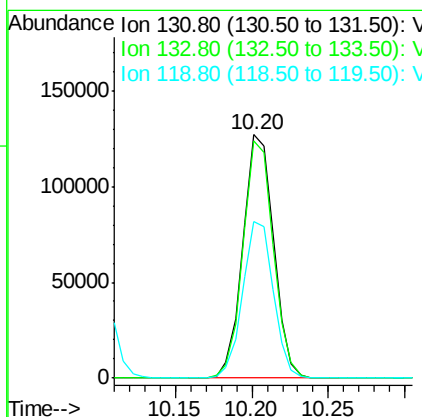
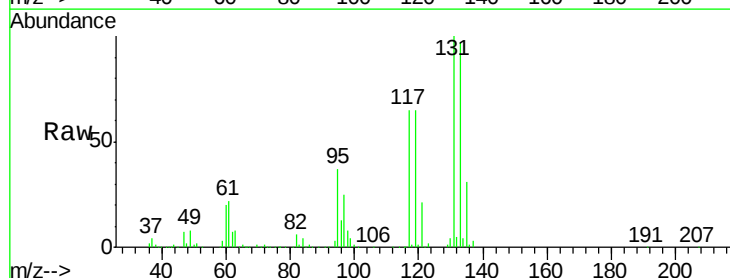
Manual Integrations
APPROVED

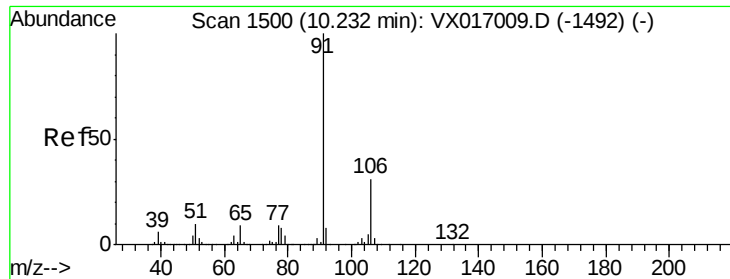
MMDadoda
7/9/2020 10:59:57 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 54.653 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX017273.D
Acq: 08 Jul 2020 22:16

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.2	47.3	141.9
119	64.2	31.9	95.5





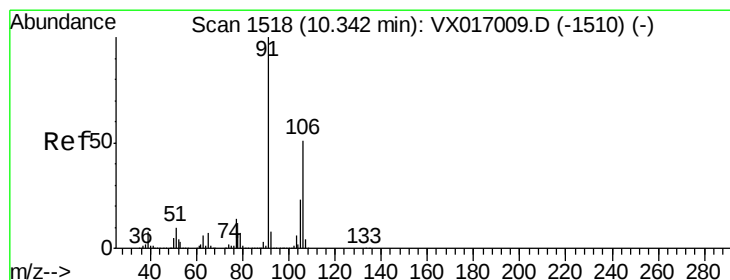
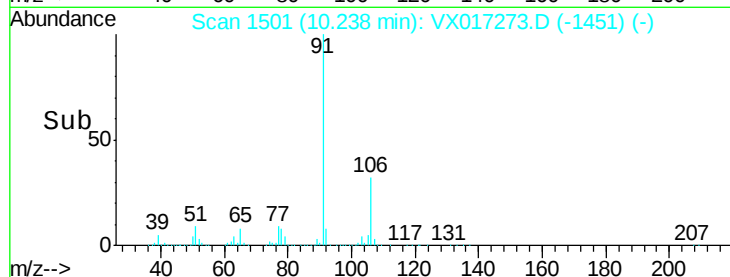
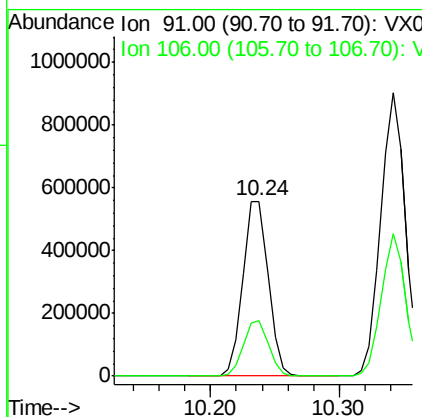
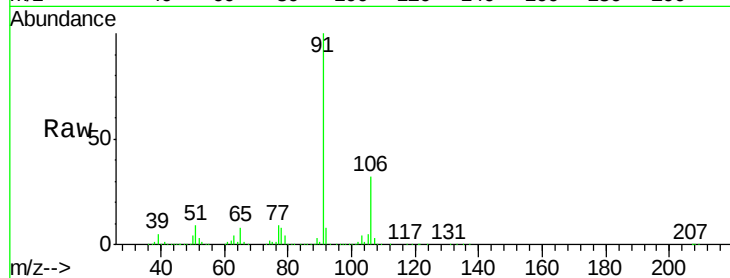
#67
Ethyl Benzene
Concen: 54.141 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.01 min
Lab File: VX017273.D
Acq: 08 Jul 2020 22:16

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 762722
Ion Ratio Lower Upper
91 100
106 31.8 24.7 37.1

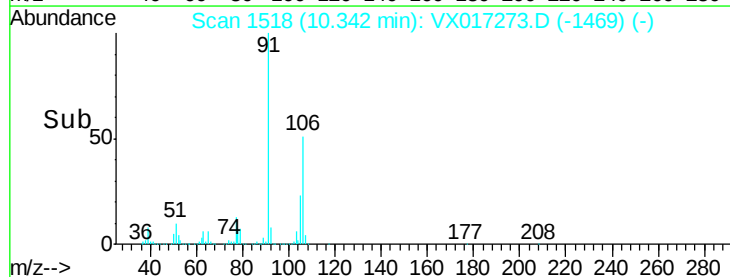
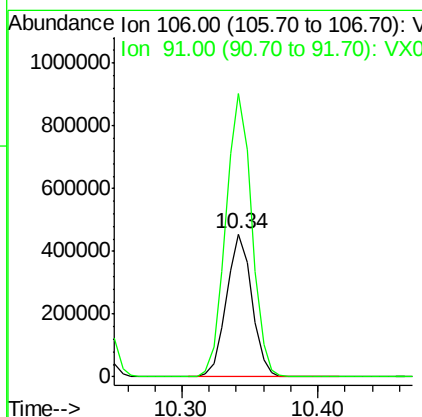
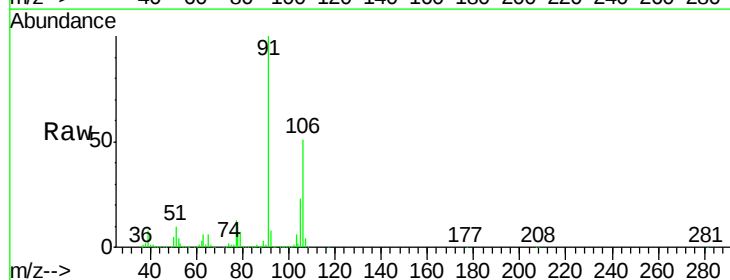
Manual Integrations
APPROVED

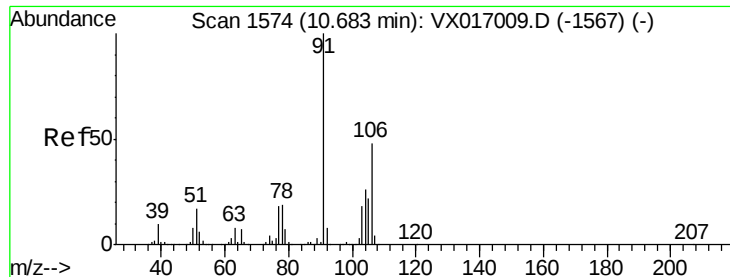
MMDadoda
7/9/2020 10:59:57 AM



#68
m/p-Xylenes
Concen: 108.841 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017273.D
Acq: 08 Jul 2020 22:16

Tgt Ion: 106 Resp: 588740
Ion Ratio Lower Upper
106 100
91 202.7 158.6 238.0





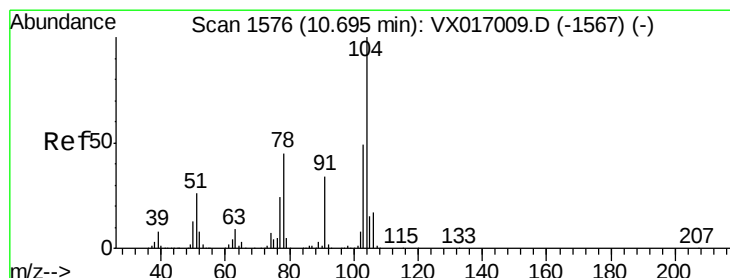
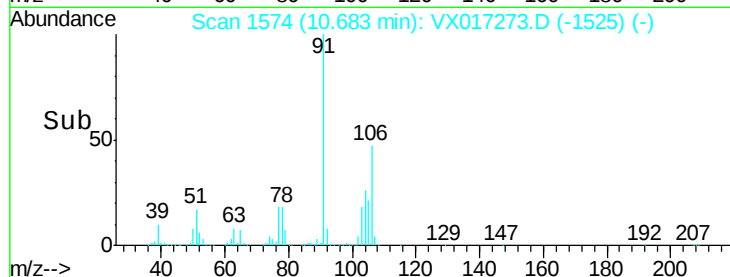
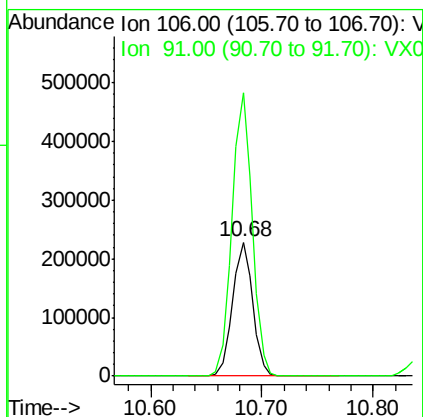
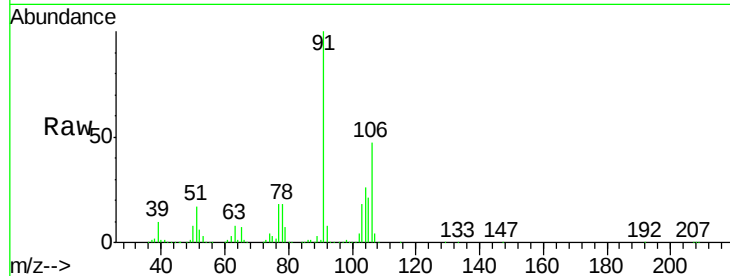
#69
o-Xylene
Concen: 55.420 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017273.D
Acq: 08 Jul 2020 22:16

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion:106 Resp: 285179
Ion Ratio Lower Upper
106 100
91 211.7 105.6 316.7

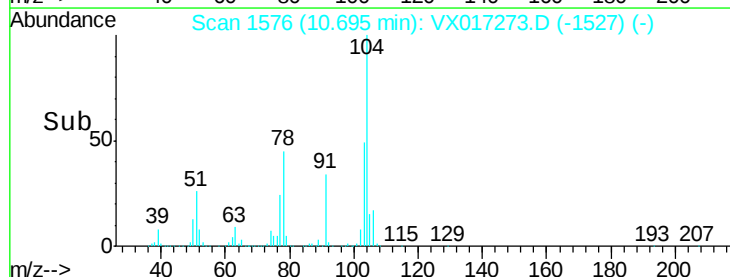
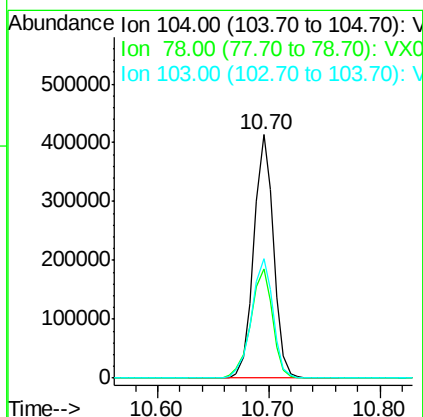
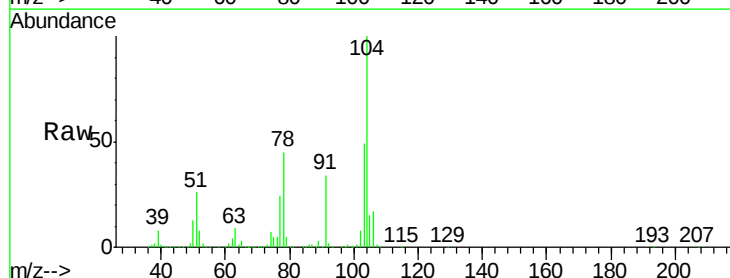
Manual Integrations
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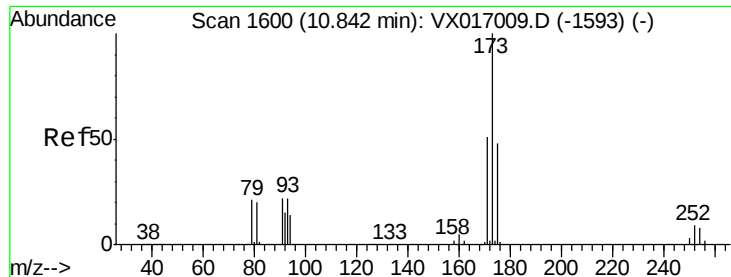
MMDadoda
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#70
Styrene
Concen: 58.288 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017273.D
Acq: 08 Jul 2020 22:16

Tgt Ion:104 Resp: 510753
Ion Ratio Lower Upper
104 100
78 49.9 39.5 59.3
103 53.3 43.0 64.6





#71

Bromoform

Concen: 61.953 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017273.D

Acq: 08 Jul 2020 22:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 159715

Ion Ratio Lower Upper

173 100

175 46.5 24.5 73.5

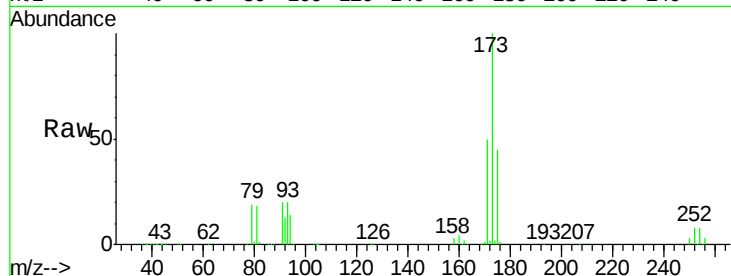
254 0.1 0.1 0.1#

Manual Integrations

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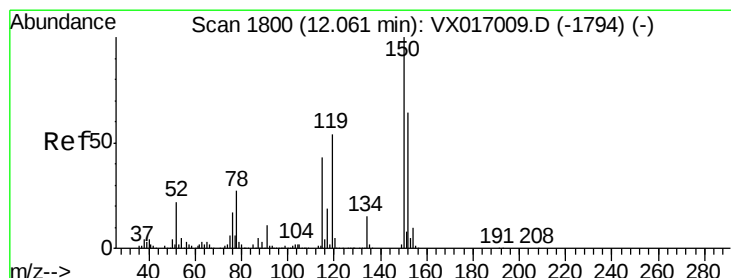
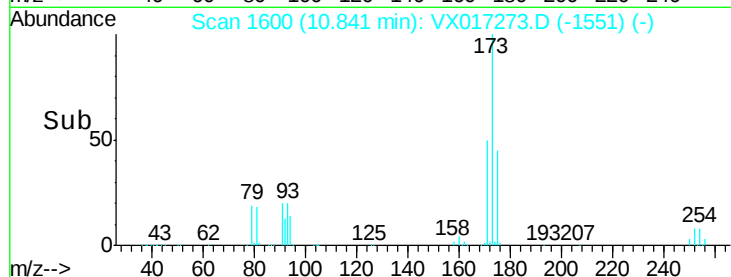
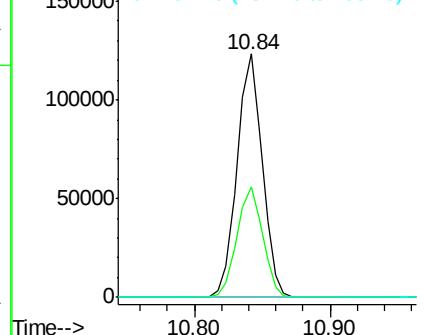
7/9/2020 10:59:57 AM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017273.D

Acq: 08 Jul 2020 22:16

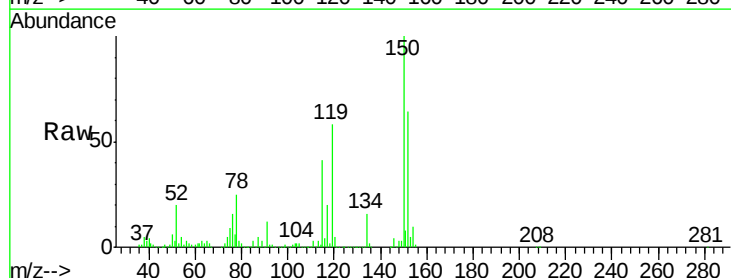
Tgt Ion:152 Resp: 217777

Ion Ratio Lower Upper

152 100

115 81.9 40.9 122.7

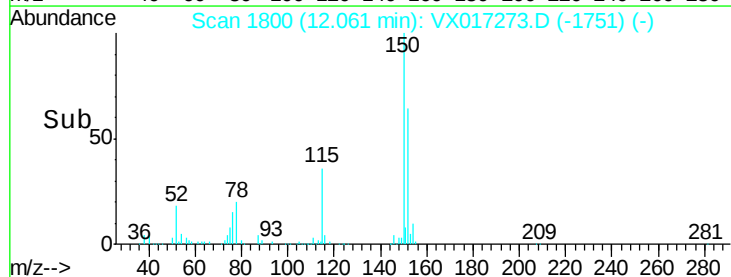
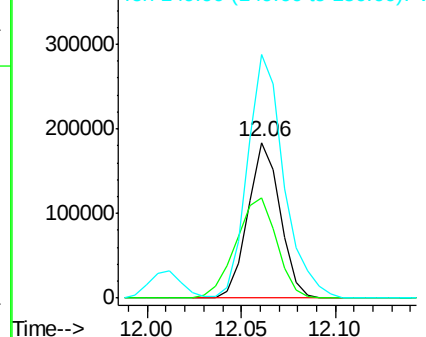
150 176.7 0.0 351.6

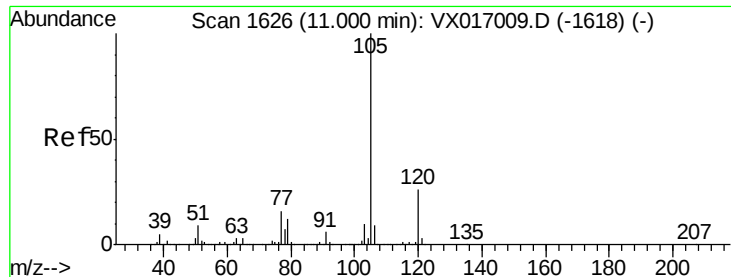


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 54.675 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017273.D

Acq: 08 Jul 2020 22:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 779916

Ion Ratio Lower Upper

105 100

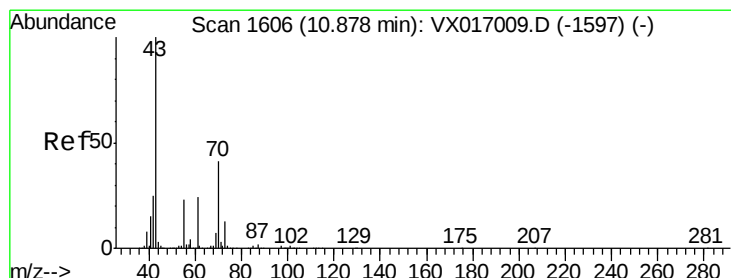
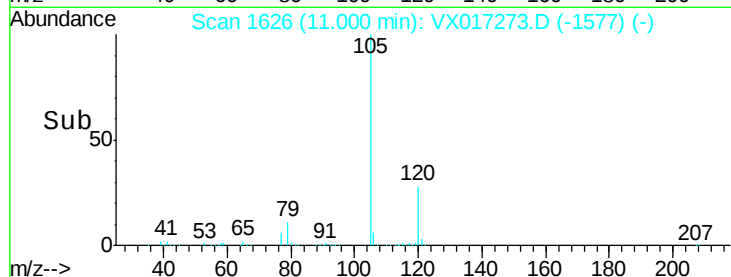
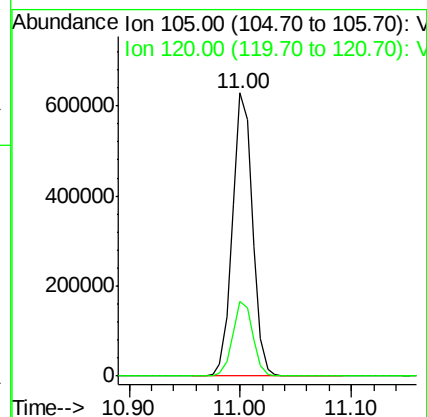
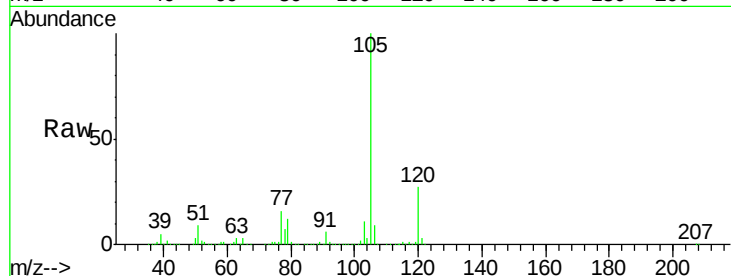
120 26.5 13.4 40.2

Manual Integrations

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#74

N-ethyl acetate

Concen: 55.430 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017273.D

Acq: 08 Jul 2020 22:16

Tgt Ion: 43 Resp: 337380

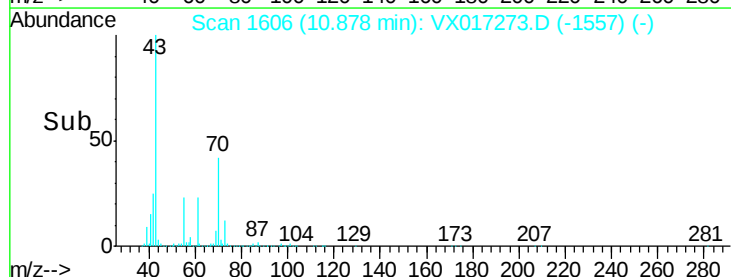
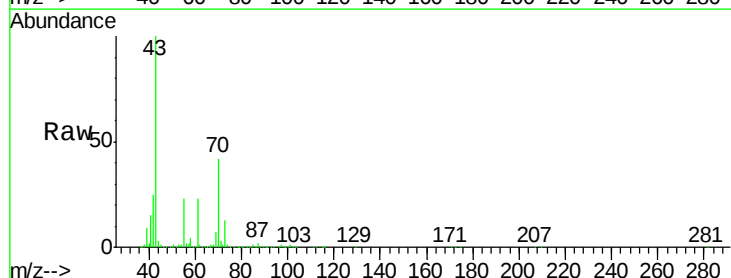
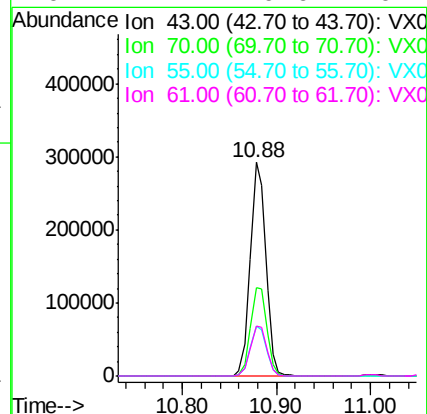
Ion Ratio Lower Upper

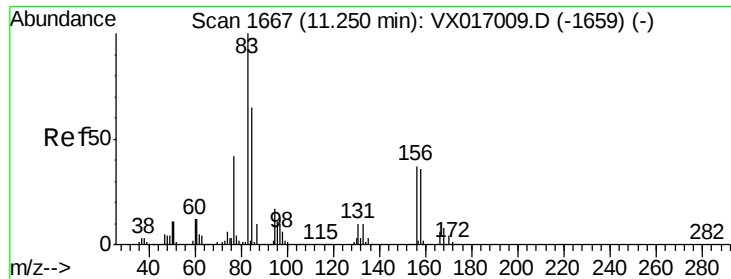
43 100

70 43.3 34.2 51.2

55 24.2 19.2 28.8

61 24.7 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 52.770 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017273.D

Acq: 08 Jul 2020 22:16

Instrument :

MSVOA_X

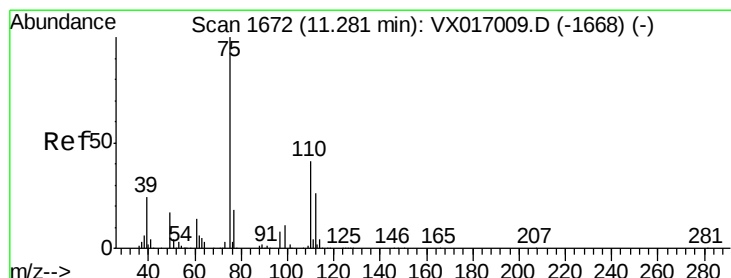
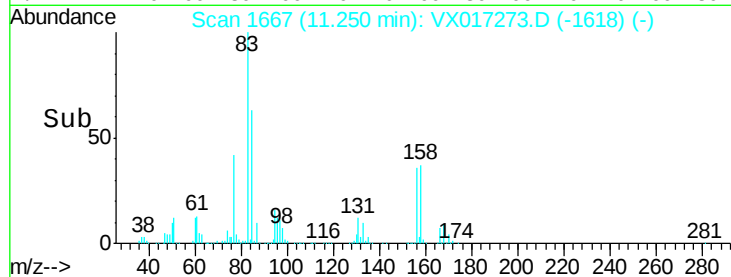
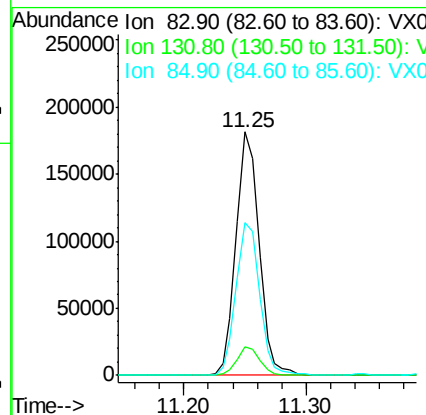
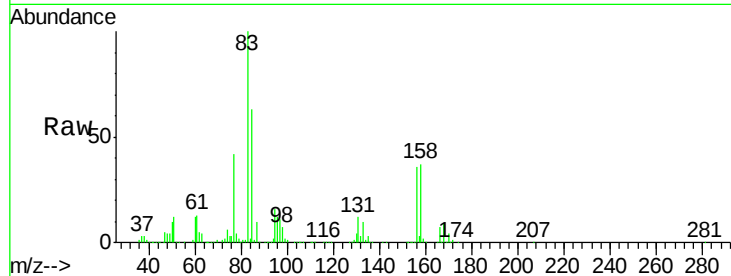
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	236783
Ion Ratio	Lower	Upper	
83	100		
131	11.3	5.4	16.2
85	64.4	31.9	95.9

Manual Integrations
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7/9/2020 10:59:57 AM



#76

1,2,3-Trichloropropane

Concen: 54.548 ug/l m

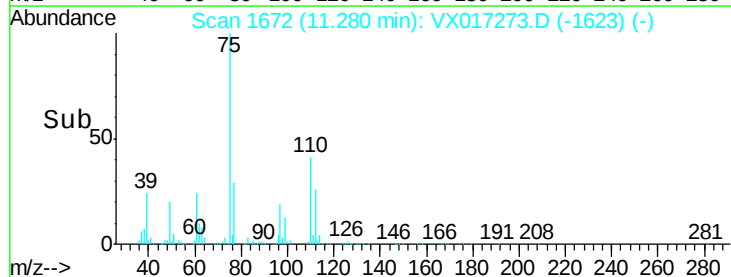
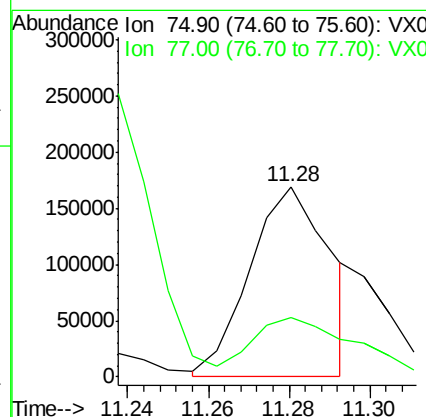
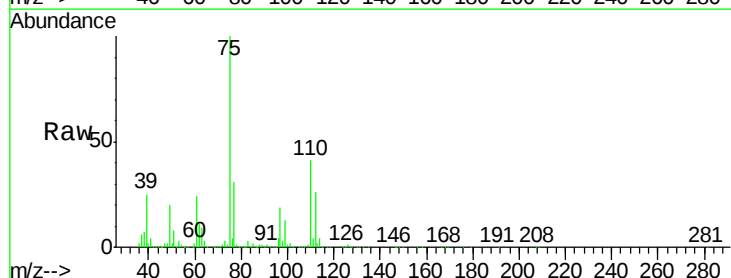
RT: 11.28 min Scan# 1672

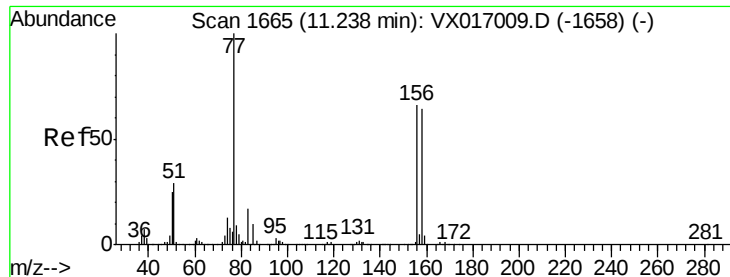
Delta R.T. -0.00 min

Lab File: VX017273.D

Acq: 08 Jul 2020 22:16

Tgt Ion:	75	Resp:	233598
Ion Ratio	Lower	Upper	
75	100		
77	40.4	20.2	60.6





#77

Bromobenzene

Concen: 54.667 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017273.D

Acq: 08 Jul 2020 22:16

Instrument :

MSVOA_X

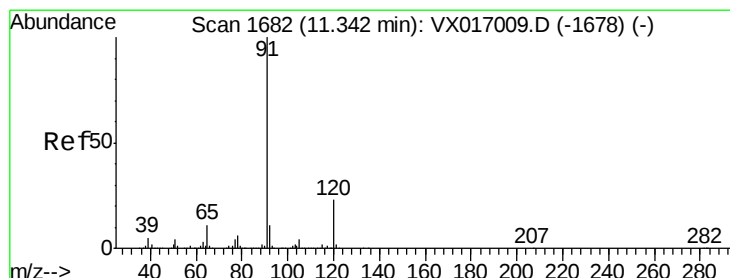
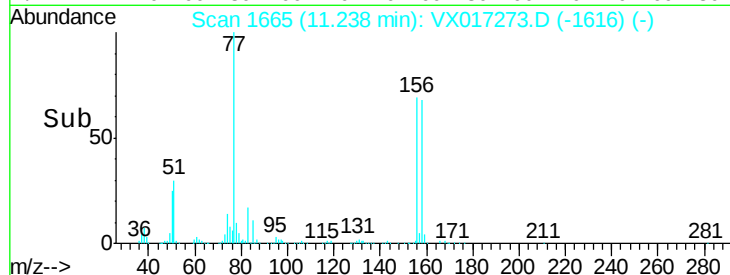
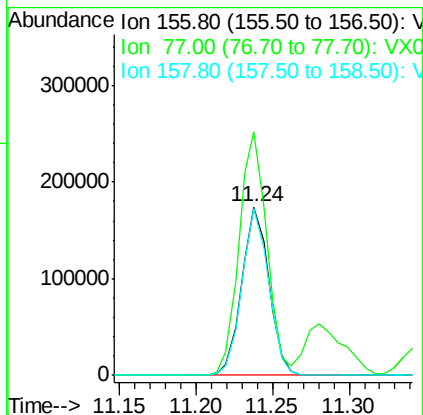
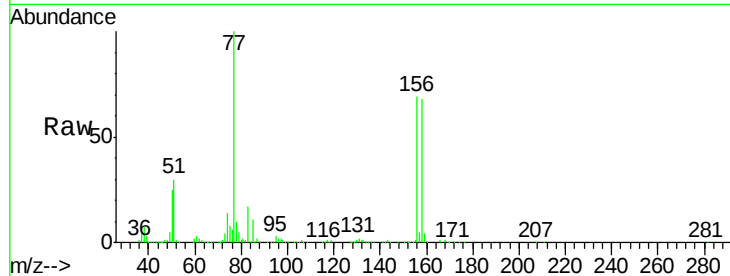
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	214319
Ion Ratio	Lower	Upper	
156	100		
77	148.1	76.9	230.7
158	97.6	47.9	143.6

Manual Integrations
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MMDadoda
7/9/2020 10:59:57 AM



#78

n-propylbenzene

Concen: 54.782 ug/l

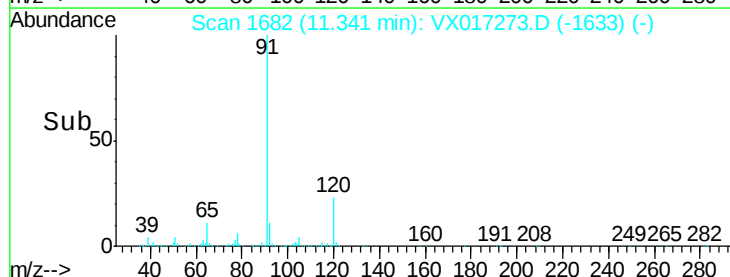
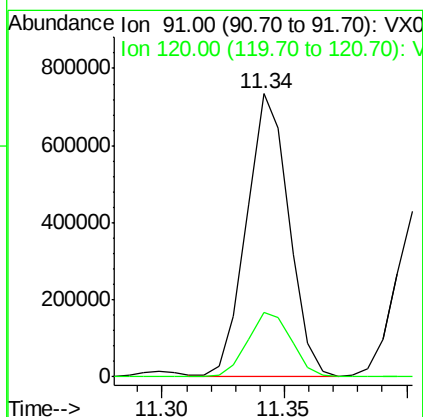
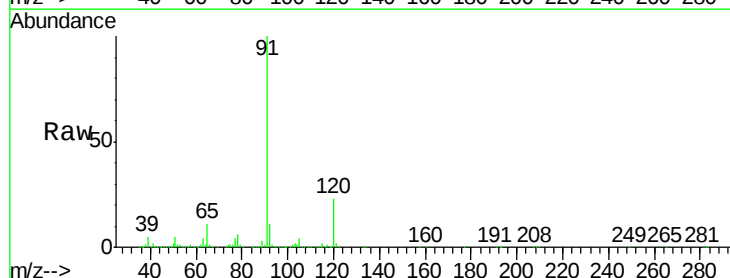
RT: 11.34 min Scan# 1682

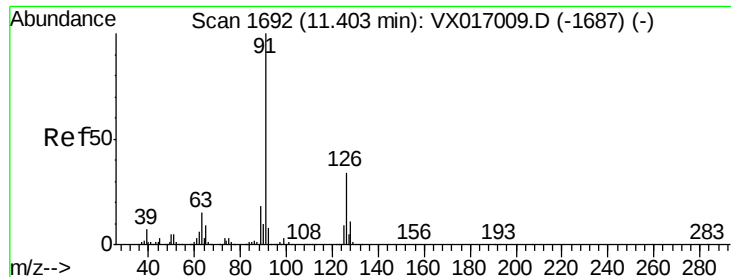
Delta R.T. -0.00 min

Lab File: VX017273.D

Acq: 08 Jul 2020 22:16

Tgt Ion:	91	Resp:	883677
Ion Ratio	Lower	Upper	
91	100		
120	23.9	11.9	35.9





#79

2-Chlorotoluene

Concen: 54.922 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017273.D

Acq: 08 Jul 2020 22:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 536180

Ion Ratio Lower Upper

91 100

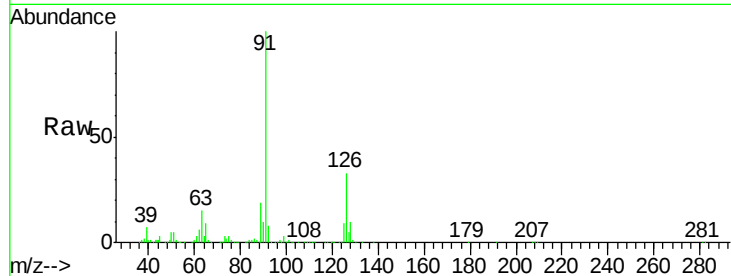
126 35.0 17.4 52.3

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX017009.D (-1687) (-)

Ion 125.90 (125.60 to 126.60): VX017009.D (-1687) (-)

800000

600000

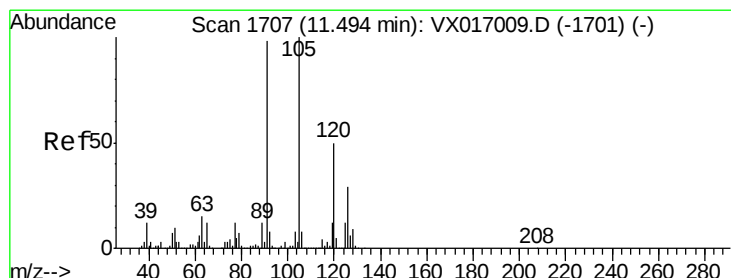
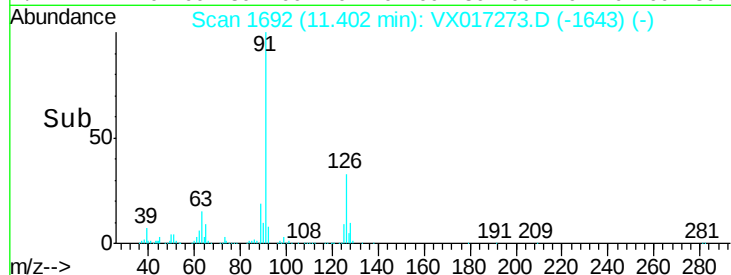
400000

200000

0

11.35 11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 55.925 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX017273.D

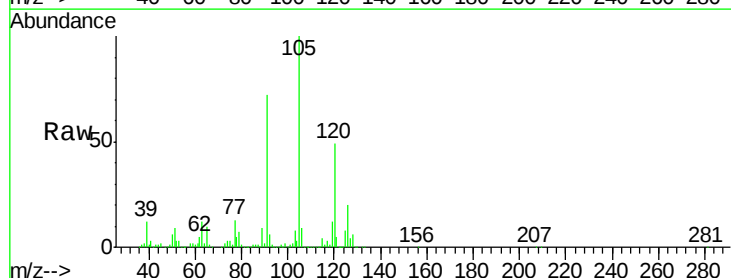
Acq: 08 Jul 2020 22:16

Tgt Ion: 105 Resp: 661709

Ion Ratio Lower Upper

105 100

120 49.6 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VX017009.D (-1701) (-)

Ion 120.00 (119.70 to 120.70): VX017009.D (-1701) (-)

600000

500000

400000

300000

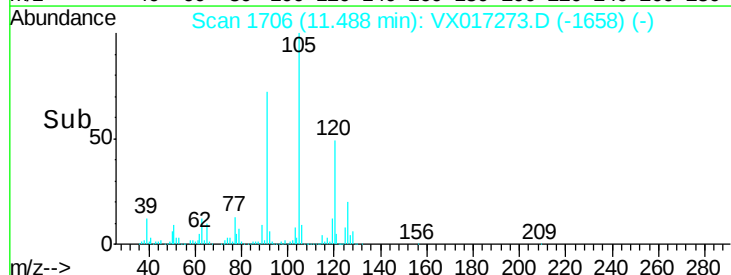
200000

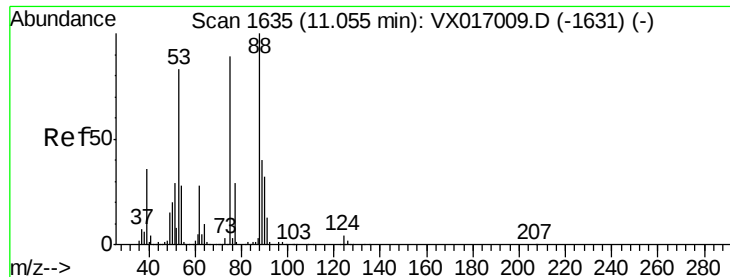
100000

0

11.40 11.50

Time-->





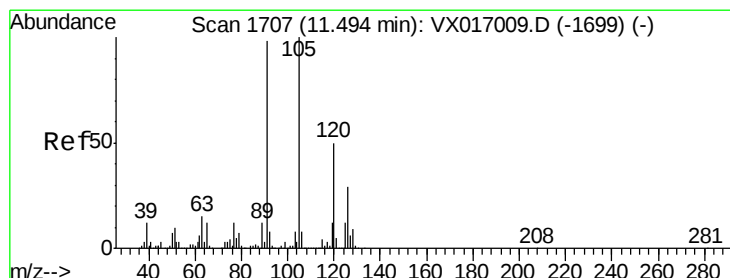
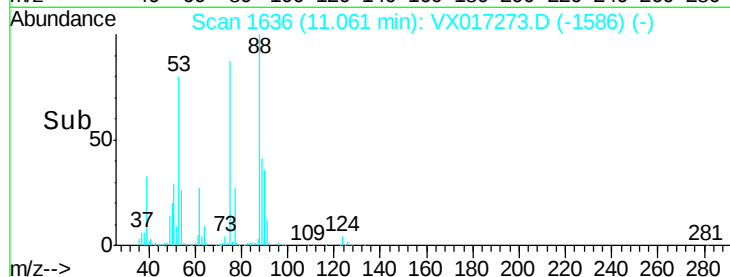
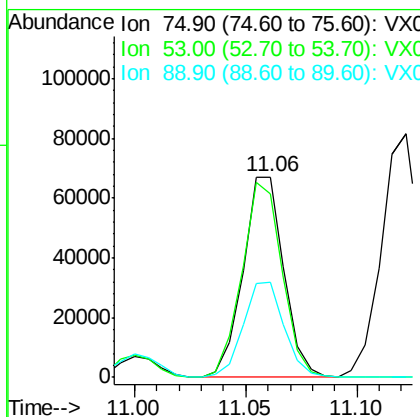
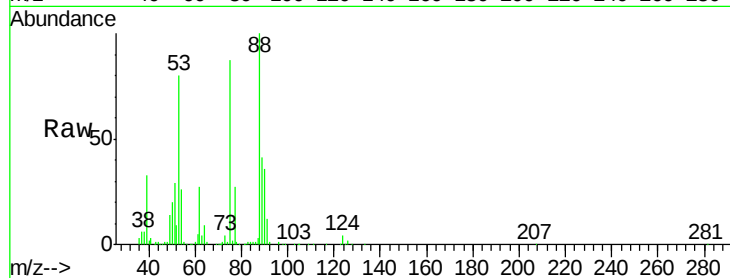
#81
trans-1,4-Dichloro-2-butene
Concen: 51.438 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VX017273.D
Acq: 08 Jul 2020 22:16

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion: 75 Resp: 85063
Ion Ratio Lower Upper
75 100
53 96.7 72.4 108.6
89 47.9 37.0 55.4

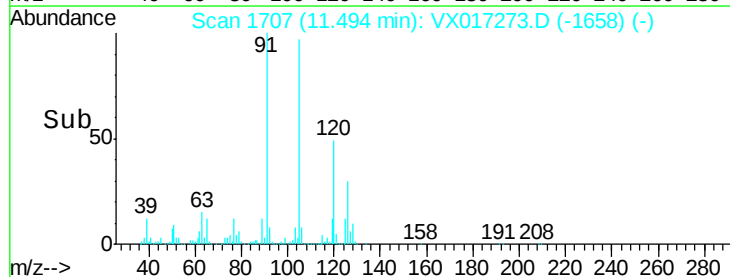
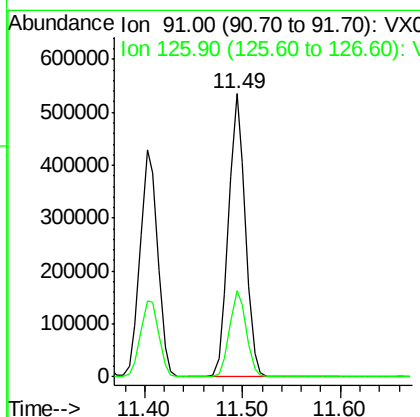
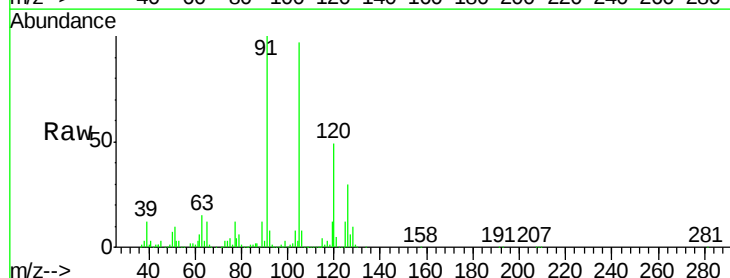
Manual Integrations
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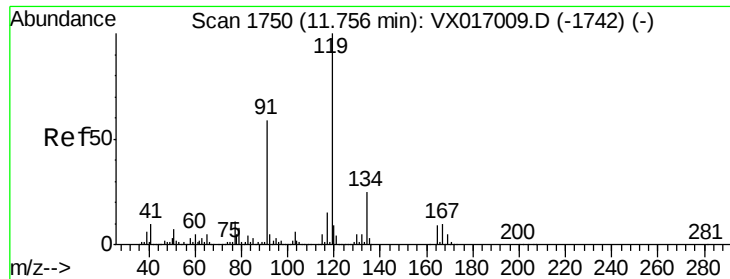
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#82
4-Chlorotoluene
Concen: 54.602 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017273.D
Acq: 08 Jul 2020 22:16

Tgt Ion: 91 Resp: 637235
Ion Ratio Lower Upper
91 100
126 30.4 15.2 45.5





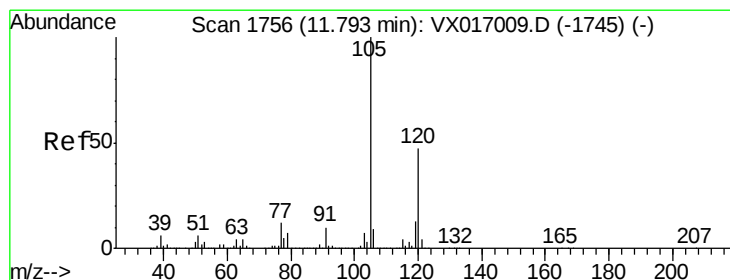
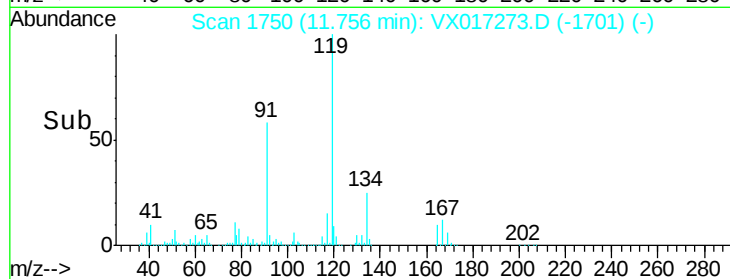
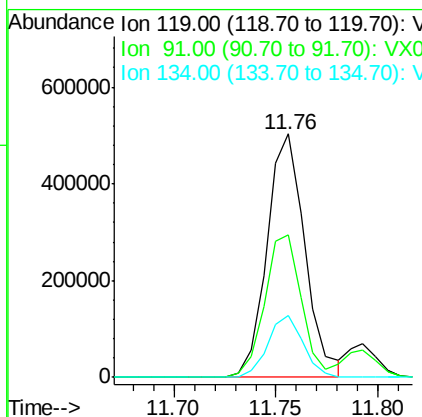
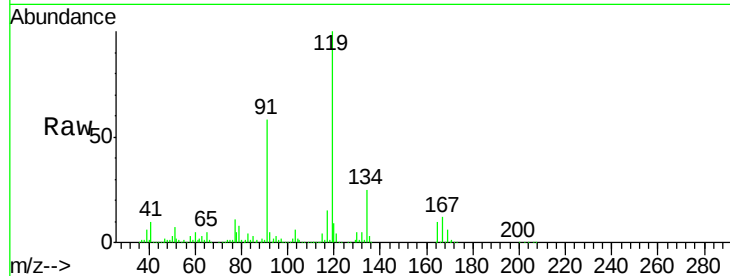
#83
tert-Butylbenzene
Concen: 56.013 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX017273.D
Acq: 08 Jul 2020 22:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	650590		
91	56.8	28.3	84.9	
134	23.8	11.7	35.1	

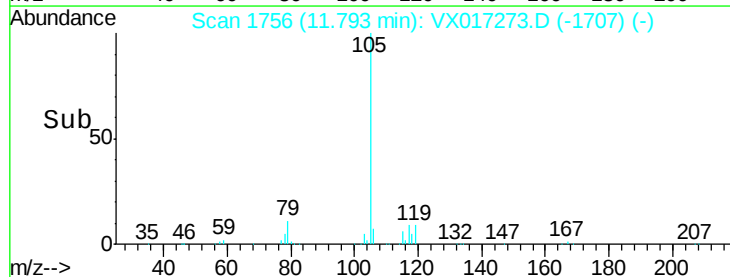
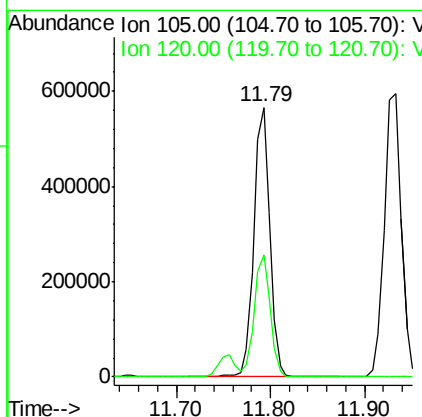
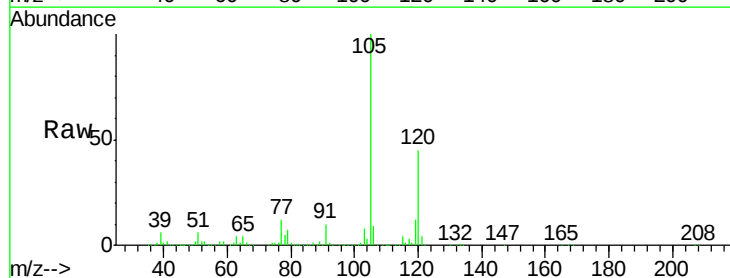
Manual Integrations
APPROVED

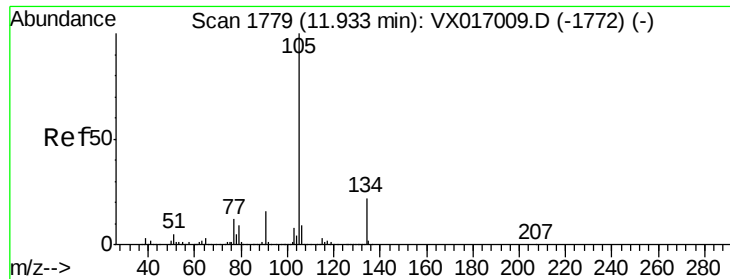
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 56.491 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX017273.D
Acq: 08 Jul 2020 22:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	678104		
120	45.5	22.9	68.5	





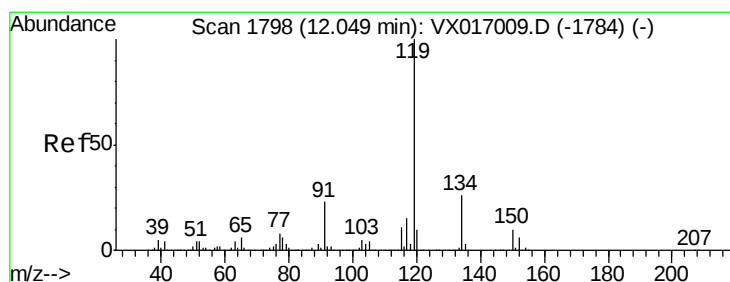
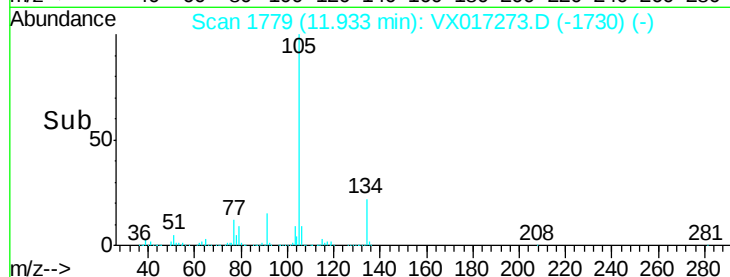
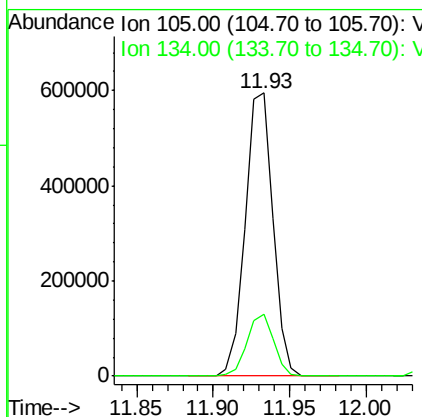
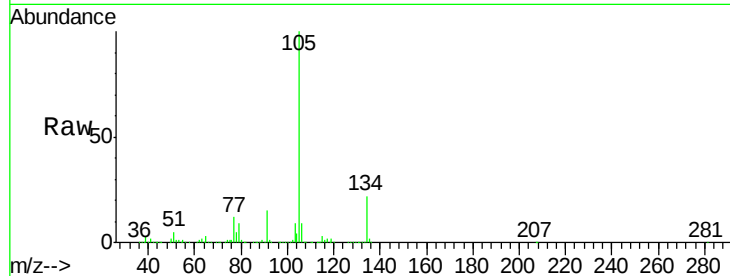
#85
 sec-Butylbenzene
 Concen: 54.813 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX017273.D
 Acq: 08 Jul 2020 22:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.2	10.5	31.6

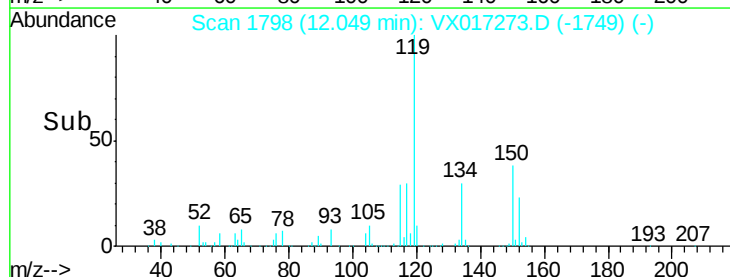
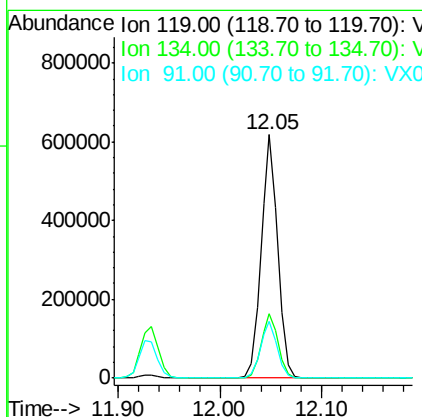
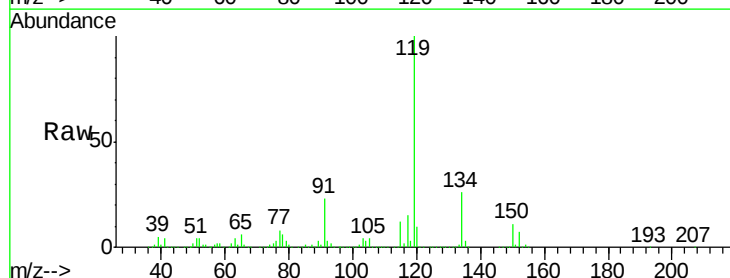
Manual Integrations
 APPROVED

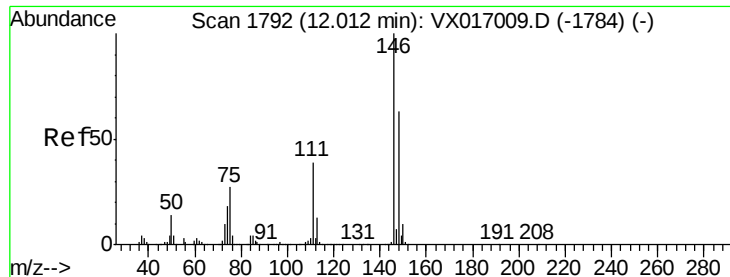
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#86
 p-Isopropyltoluene
 Concen: 55.493 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017273.D
 Acq: 08 Jul 2020 22:16

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.9	13.2	39.5
91	23.5	11.8	35.4





#87

1,3-Dichlorobenzene

Concen: 51.636 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX017273.D

Acq: 08 Jul 2020 22:16

Instrument :

MSVOA_X

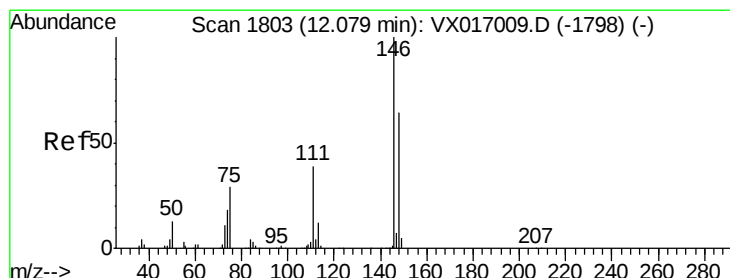
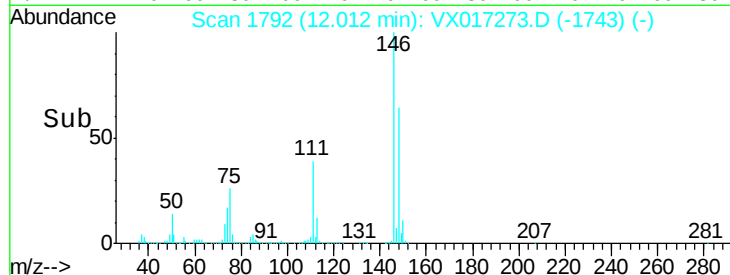
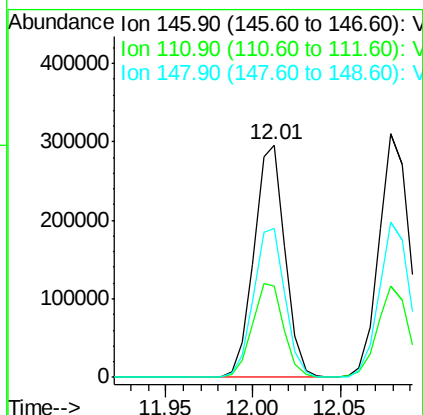
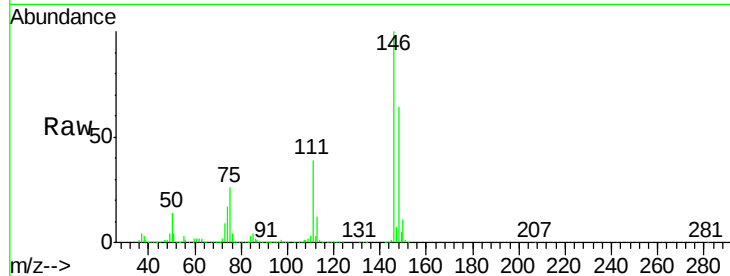
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	367663
Ion Ratio	Lower	Upper	
146	100		
111	40.8	20.4	61.2
148	65.1	32.5	97.5

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 55.742 ug/l

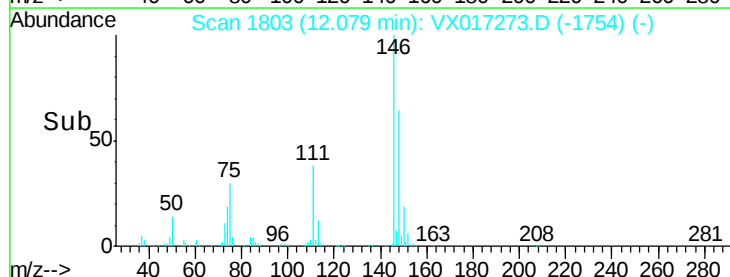
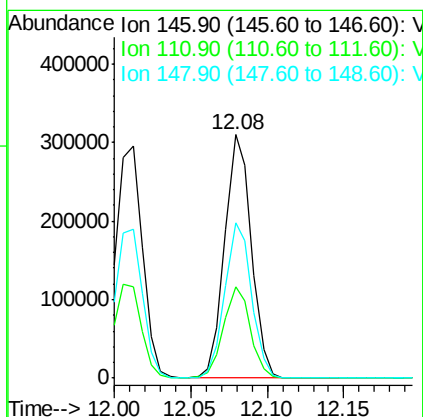
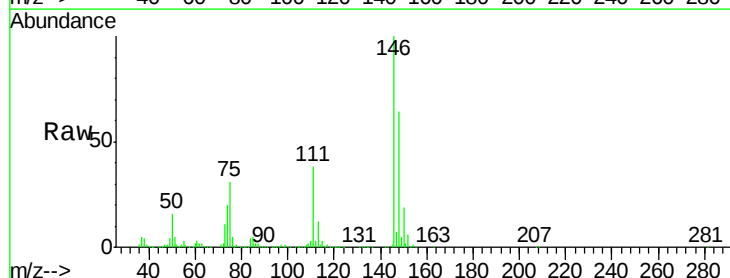
RT: 12.08 min Scan# 1803

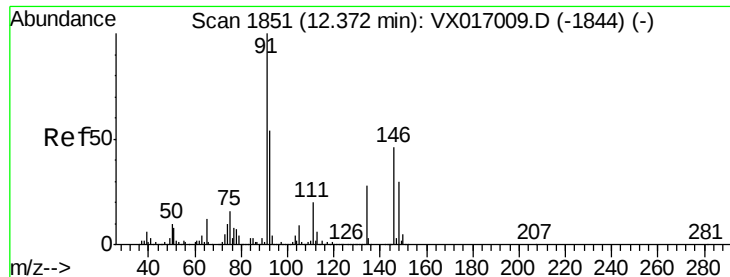
Delta R.T. 0.00 min

Lab File: VX017273.D

Acq: 08 Jul 2020 22:16

Tgt Ion:	146	Resp:	374147
Ion Ratio	Lower	Upper	
146	100		
111	37.8	19.5	58.5
148	64.3	31.9	95.7





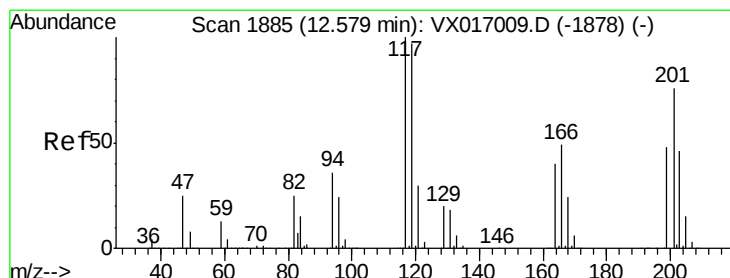
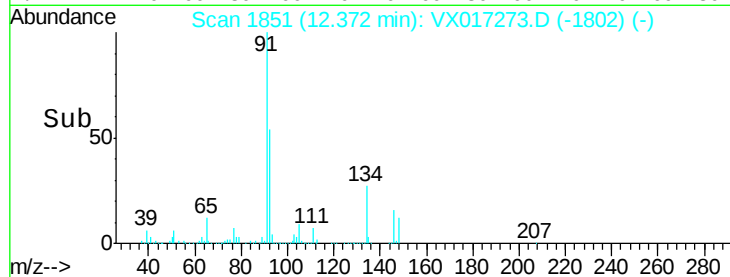
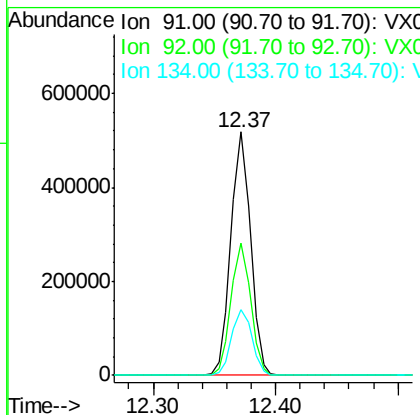
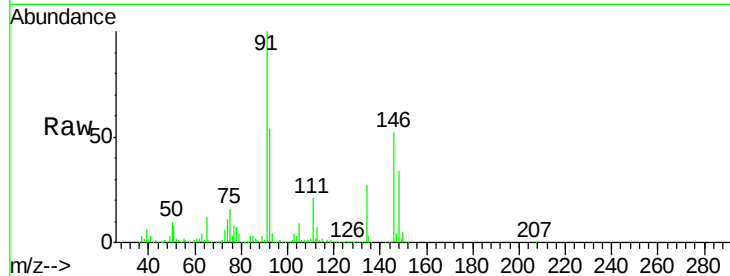
#89
n-Butylbenzene
Concen: 50.626 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017273.D
Acq: 08 Jul 2020 22:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.2	81.6
134	28.1	13.6	40.7

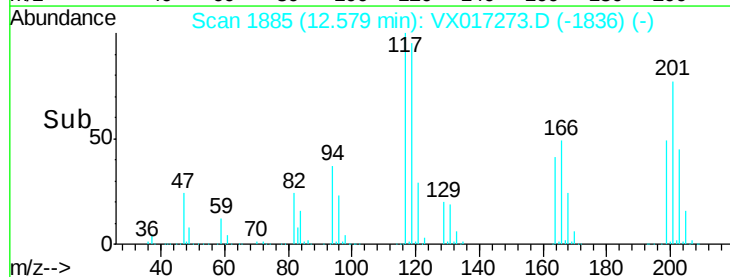
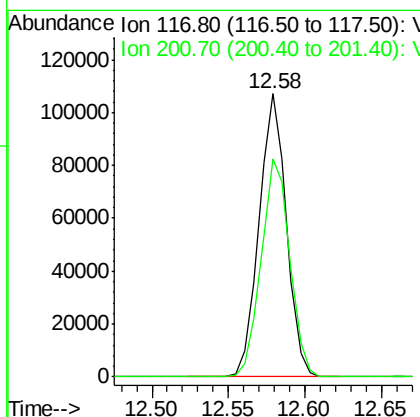
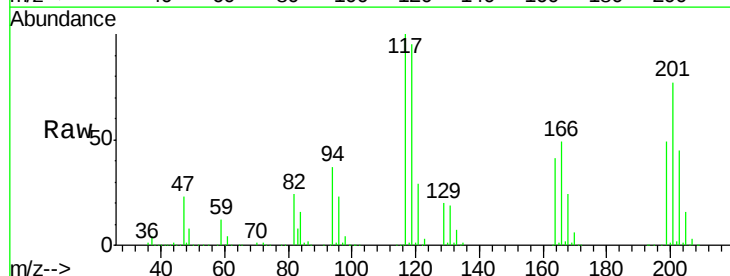
Manual Integrations
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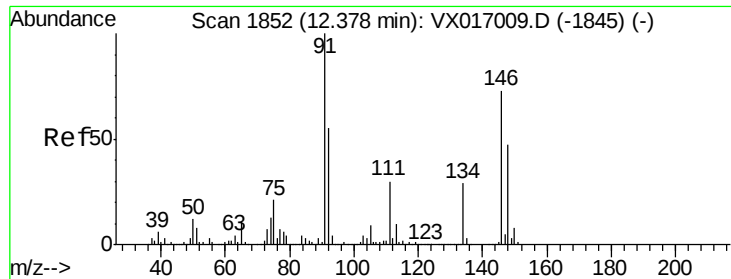
MMDadoda
7/9/2020 10:59:57 AM



#90
Hexachloroethane
Concen: 53.253 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017273.D
Acq: 08 Jul 2020 22:16

Tgt Ion	Ratio	Lower	Upper
117	100		
201	80.5	39.4	118.2





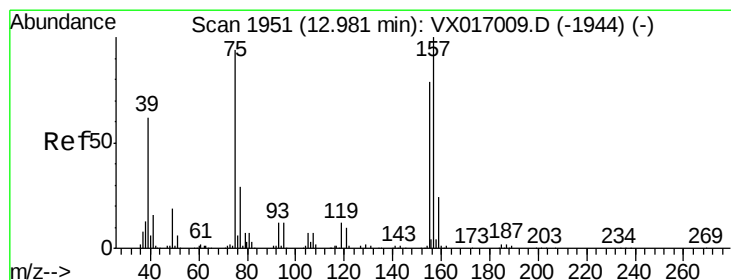
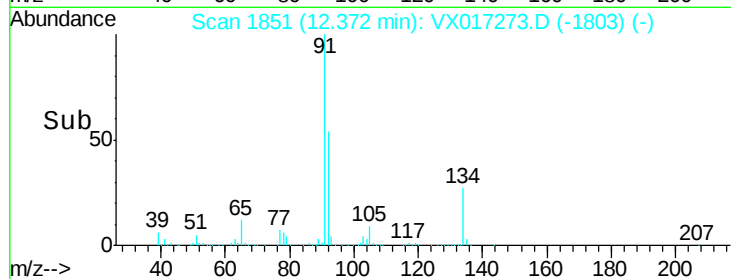
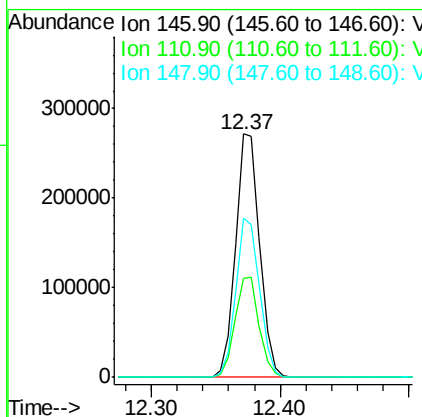
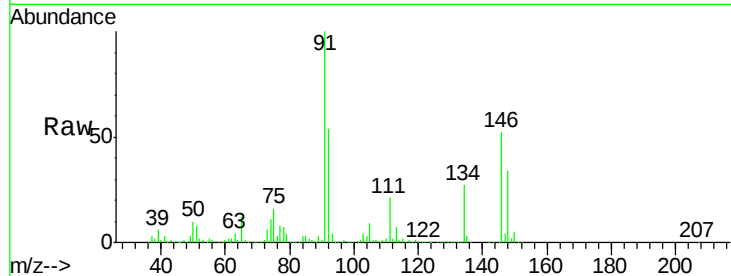
#91
 1,2-Dichlorobenzene
 Concen: 53.081 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VX017273.D
 Acq: 08 Jul 2020 22:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.6	61.9
148	64.6	32.4	97.2

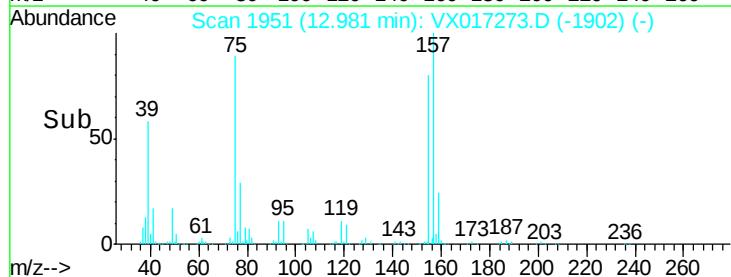
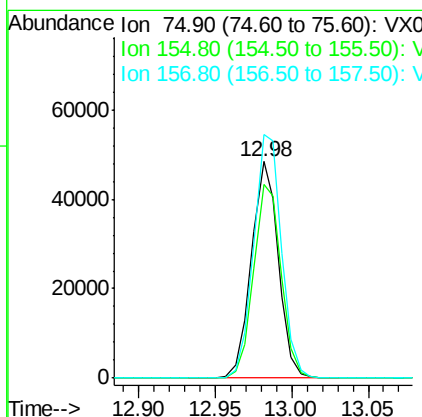
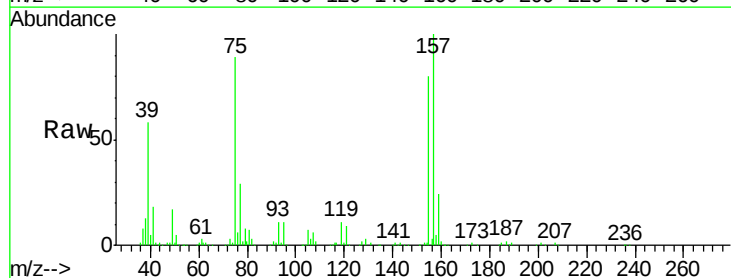
Manual Integrations
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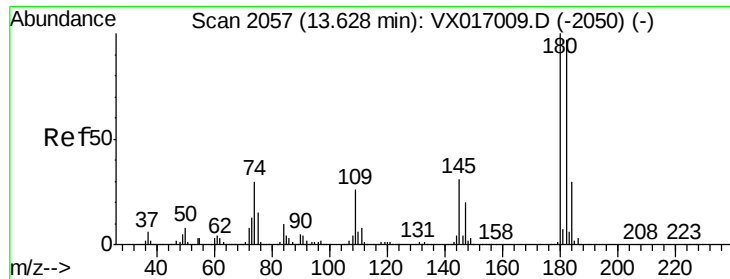
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.509 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX017273.D
 Acq: 08 Jul 2020 22:16

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.6	45.1	135.2
157	116.1	56.5	169.3





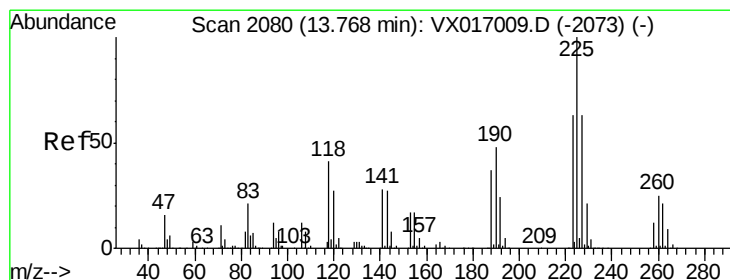
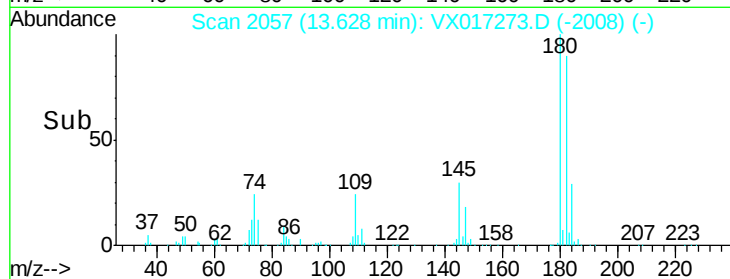
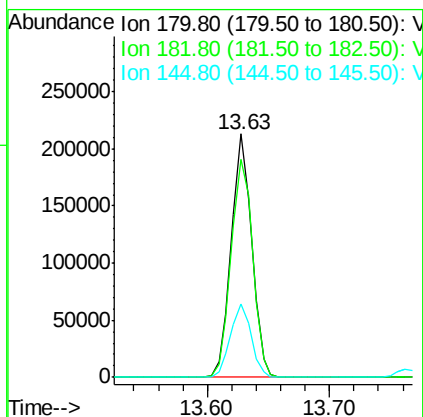
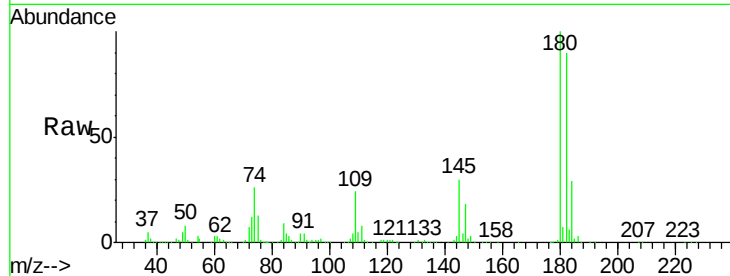
#93
 1,2,4-Trichlorobenzene
 Concen: 54.077 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017273.D
 Acq: 08 Jul 2020 22:16

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	245661		
182	94.2	47.3	141.9	
145	30.4	15.4	46.2	

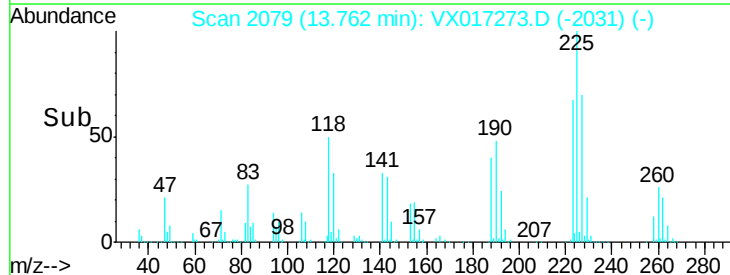
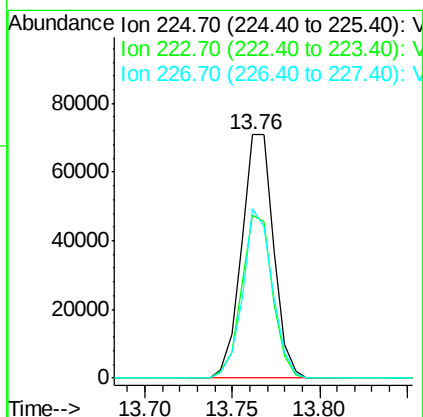
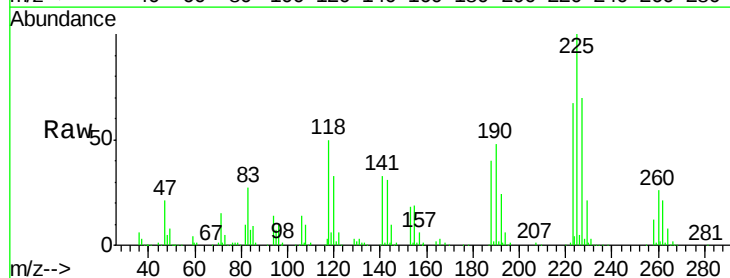
Manual Integrations
 APPROVED

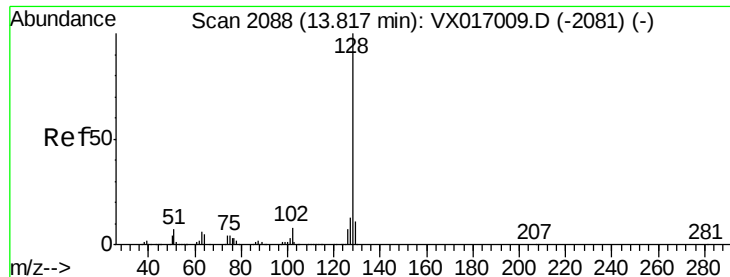
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 7/9/2020 10:59:57 AM



#94
 Hexachlorobutadiene
 Concen: 52.123 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX017273.D
 Acq: 08 Jul 2020 22:16

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	89927		
223	64.9	32.5	97.5	
227	64.1	33.1	99.2	





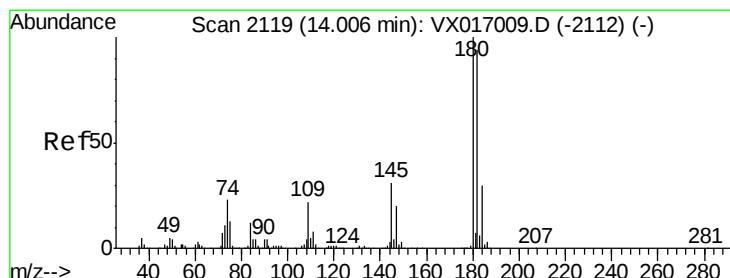
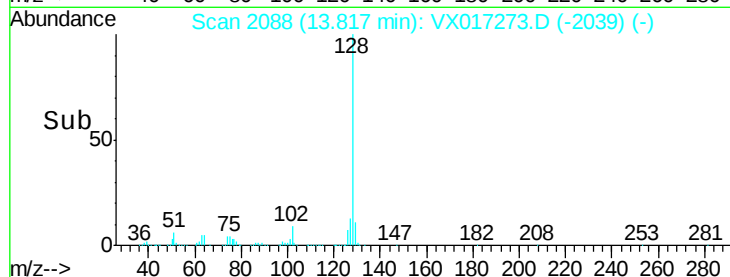
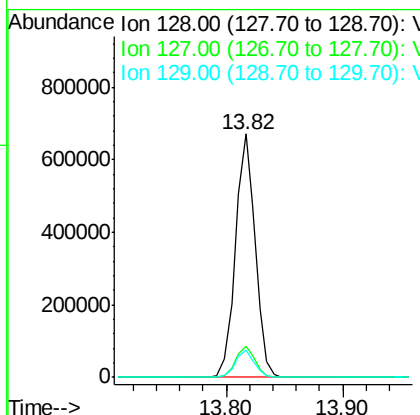
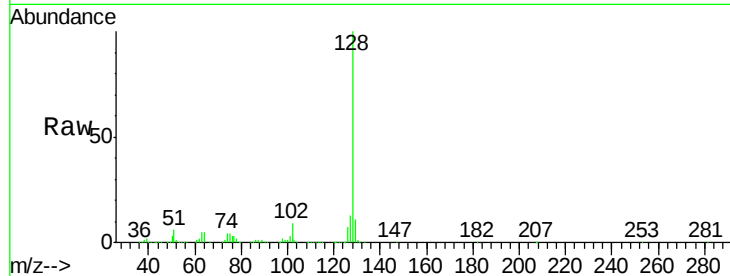
#95
Naphthalene
Concen: 57.209 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017273.D
Acq: 08 Jul 2020 22:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	10.8	8.7	13.1

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 54.318 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.01 min
Lab File: VX017273.D
Acq: 08 Jul 2020 22:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.6	47.1	141.4
145	33.4	16.6	49.7

