

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102020\
 Data File : VX018983.D
 Acq On : 20 Oct 2020 18:28
 Operator : JC/SP
 Sample : VSTDIC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

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 10/21/2020 1:05:06 PM

Quant Time: Oct 20 18:52:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102020W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 20 18:15:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	206188	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	343593	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	339732	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	203462	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	363406	132.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	265.40%	
35) Dibromofluoromethane	5.46	113	348870	157.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	315.10%	
50) Toluene-d8	8.70	98	1326552	152.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	305.54%	
62) 4-Bromofluorobenzene	11.12	95	533503	164.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	328.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	250435	140.714	ug/l	99
3) Chloromethane	1.31	50	256755	130.321	ug/l	98
4) Vinyl Chloride	1.39	62	333657	122.940	ug/l	100
5) Bromomethane	1.62	94	181447	81.074	ug/l	98
6) Chloroethane	1.69	64	235592	115.048	ug/l	98
7) Trichlorofluoromethane	1.90	101	609413	131.758	ug/l	99
8) Diethyl Ether	2.17	74	238369	130.608	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	255002	103.084	ug/l	98
10) Methyl Iodide	2.48	142	353819	152.449	ug/l	100
11) Tert butyl alcohol	3.04	59	431327	724.603	ug/l	99
12) 1,1-Dichloroethene	2.34	96	276664	104.153	ug/l	99
13) Acrolein	2.27	56	231986	647.246	ug/l	99
14) Allyl chloride	2.70	41	362463	128.711	ug/l	96
15) Acrylonitrile	3.12	53	739526	695.545	ug/l	99
16) Acetone	2.42	43	601042	537.709	ug/l	99
17) Carbon Disulfide	2.54	76	768258	133.202	ug/l	98
18) Methyl Acetate	2.75	43	308032	136.474	ug/l	95
19) Methyl tert-butyl Ether	3.17	73	932348	137.232	ug/l	99
20) Methylene Chloride	2.83	84	326708	136.595	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	351247	144.599	ug/l	94
22) Diisopropyl ether	3.82	45	724785	128.274	ug/l	96
23) Vinyl Acetate	3.79	43	3513337	650.092	ug/l	95
24) 1,1-Dichloroethane	3.67	63	537677	133.573	ug/l	99
25) 2-Butanone	4.64	43	1013468	662.858	ug/l	97
26) 2,2-Dichloropropane	4.54	77	505241	130.003	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	403026	142.412	ug/l	93
28) Bromochloromethane	4.98	49	220741	129.593	ug/l #	78
29) Tetrahydrofuran	5.09	42	579633	647.540	ug/l	96
30) Chloroform	5.18	83	611217	136.436	ug/l	96
31) Cyclohexane	5.54	56	401805	125.609	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	554404	137.769	ug/l	97
36) 1,1-Dichloropropene	5.76	75	451676	139.494	ug/l	98
37) Ethyl Acetate	4.79	43	394943	142.310	ug/l	99
38) Carbon Tetrachloride	5.75	117	498046	149.265	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	510039	144.153	ug/l	97
40) Benzene	6.11	78	1357031	144.121	ug/l	98
41) Methacrylonitrile	5.01	41	203287	133.053	ug/l	96
42) 1,2-Dichloroethane	6.16	62	442580	136.080	ug/l	97
43) Isopropyl Acetate	6.42	43	655891	135.175	ug/l	97
44) Trichloroethene	7.18	130	399504	151.024	ug/l	94
45) 1,2-Dichloropropane	7.49	63	318696	140.718	ug/l	99
46) Dibromomethane	7.63	93	251174	148.991	ug/l	92
47) Bromodichloromethane	7.87	83	507251	149.962	ug/l	97
48) Methyl methacrylate	7.75	41	314292	140.750	ug/l	96
49) 1,4-Dioxane	7.71	88	189313	3377.058	ug/l	95
51) 4-Methyl-2-Pentanone	8.62	43	2106226	741.881	ug/l	98
52) Toluene	8.76	92	932091	151.495	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	576828	150.734	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	597854	148.120	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	389151	157.864	ug/l	99
56) Ethyl methacrylate	9.16	69	579090	156.576	ug/l	97
57) 1,3-Dichloropropane	9.35	76	602009	148.089	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1426715	761.556	ug/l	94
59) 2-Hexanone	9.48	43	1667594	758.796	ug/l	97
60) Dibromochloromethane	9.57	129	470824	170.212	ug/l	99
61) 1,2-Dibromoethane	9.65	107	430011	162.792	ug/l	99
64) Tetrachloroethene	9.32	164	353940	128.500	ug/l	96
65) Chlorobenzene	10.12	112	1086944	151.015	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	414834	159.082	ug/l	97
67) Ethyl Benzene	10.24	91	1796067	142.454	ug/l	97
68) m/p-Xylenes	10.34	106	1469168	298.453	ug/l	94
69) o-Xylene	10.68	106	711448	152.748	ug/l	95
70) Styrene	10.70	104	1250206	157.219	ug/l	99
71) Bromoform	10.84	173	401640	190.105	ug/l #	99
73) Isopropylbenzene	11.00	105	1879775	131.804	ug/l	97
74) N-amyl acetate	10.88	43	626899	127.533	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	638760	139.868	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	549906m	133.071	ug/l	
77) Bromobenzene	11.24	156	540964	152.585	ug/l	87
78) n-propylbenzene	11.35	91	2086732	127.126	ug/l	97
79) 2-Chlorotoluene	11.40	91	1248820	130.063	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	1687825	139.431	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	228321	137.374	ug/l	95
82) 4-Chlorotoluene	11.49	91	1530549	133.060	ug/l	97
83) tert-Butylbenzene	11.76	119	1679136	141.734	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	1662046	136.650	ug/l	97
85) sec-Butylbenzene	11.93	105	1912515	134.597	ug/l	98
86) p-Isopropyltoluene	12.05	119	1847836	140.925	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	998500	151.533	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	1002392	147.541	ug/l	98
89) n-Butylbenzene	12.37	91	1636071	136.704	ug/l	98
90) Hexachloroethane	12.58	117	310372	148.013	ug/l	91
91) 1,2-Dichlorobenzene	12.38	146	987667	155.044	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	152561	145.331	ug/l	93

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ClientSampleId :
VSTDICC150

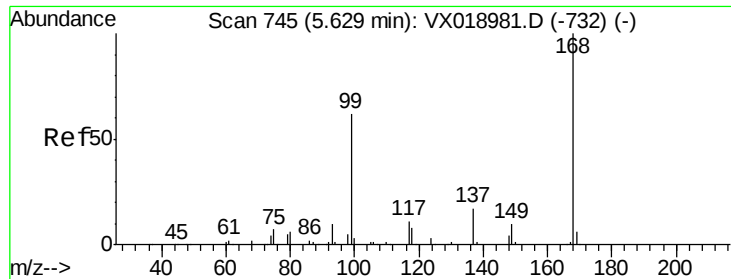
Manual Integrations
APPROVED

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	689271	157.848	ug/l	99
94) Hexachlorobutadiene	13.77	225	281269	151.219	ug/l	96
95) Naphthalene	13.82	128	2246756	154.563	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	676745	162.131	ug/l	98

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



#1

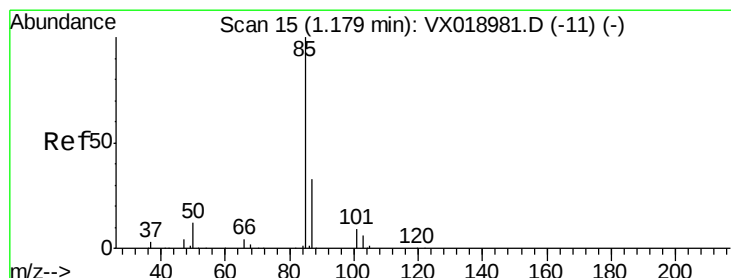
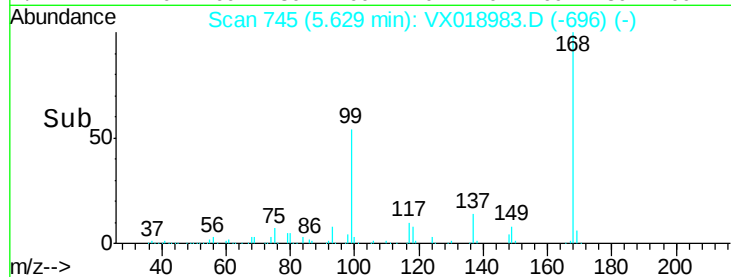
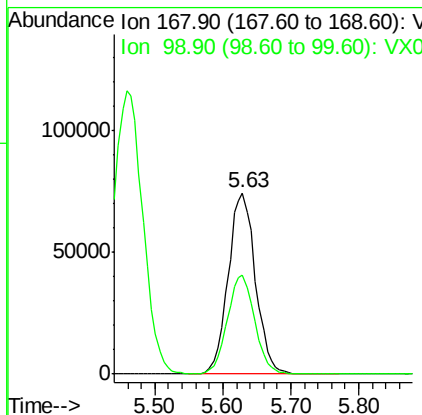
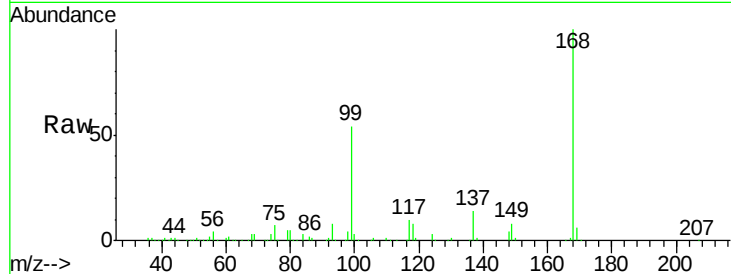
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: VX018983.D
 Acq: 20 Oct 2020 18:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
168	100		
99	54.0	49.7	74.5

Manual Integrations
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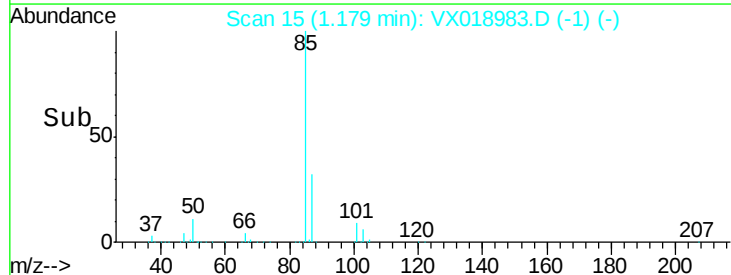
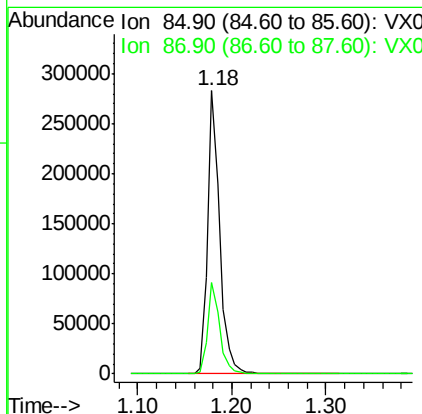
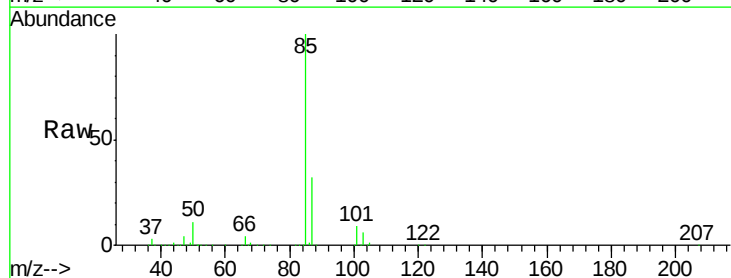
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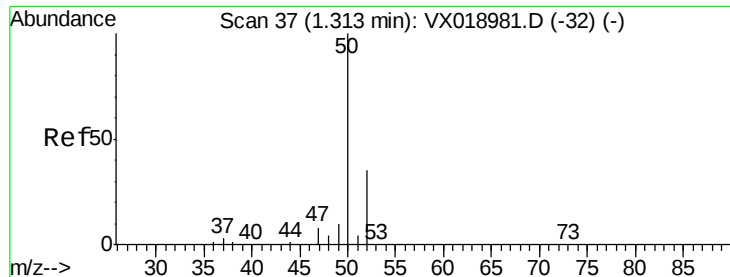


#2

Dichlorodifluoromethane
 Concen: 140.714 ug/l
 RT: 1.18 min Scan# 15
 Delta R.T. -0.00 min
 Lab File: VX018983.D
 Acq: 20 Oct 2020 18:28

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.2	16.4	49.1





#3

Chloromethane

Concen: 130.321 ug/l

RT: 1.31 min Scan# 36

Delta R.T. -0.01 min

Lab File: VX018983.D

Acq: 20 Oct 2020 18:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 50 Resp: 256755

Ion Ratio Lower Upper

50 100

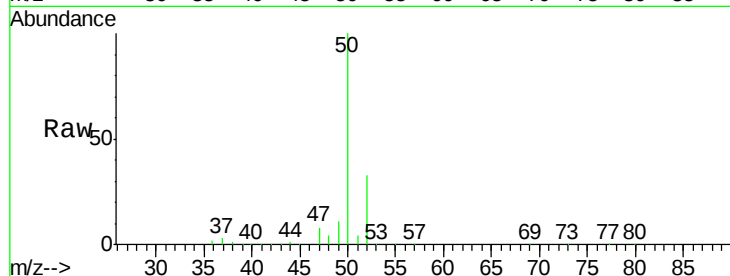
52 33.3 27.7 41.5

Manual Integrations

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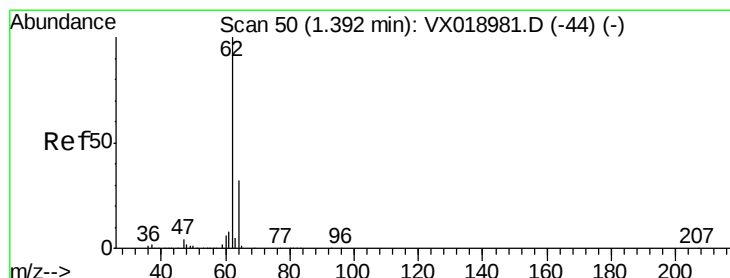
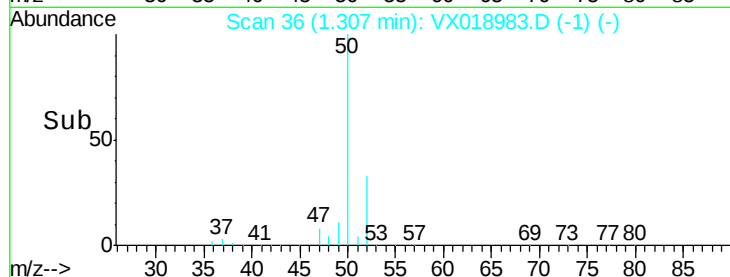
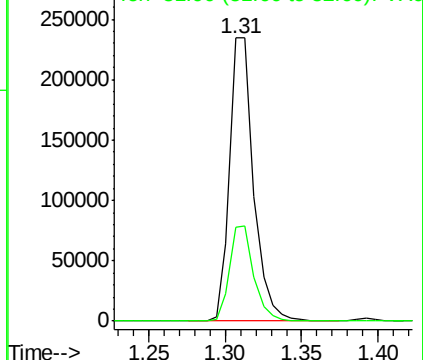
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 122.940 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018983.D

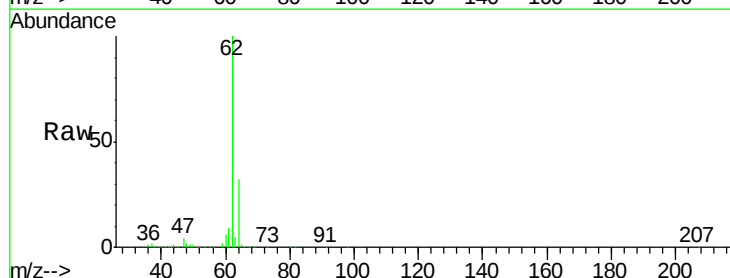
Acq: 20 Oct 2020 18:28

Tgt Ion: 62 Resp: 333657

Ion Ratio Lower Upper

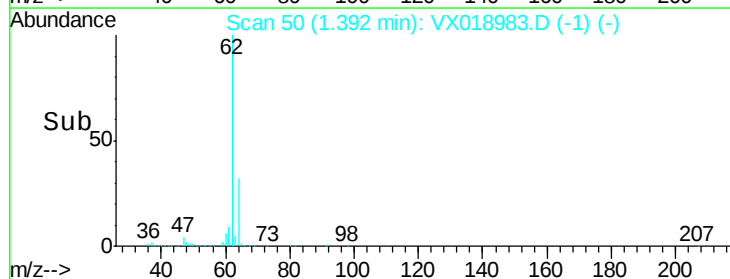
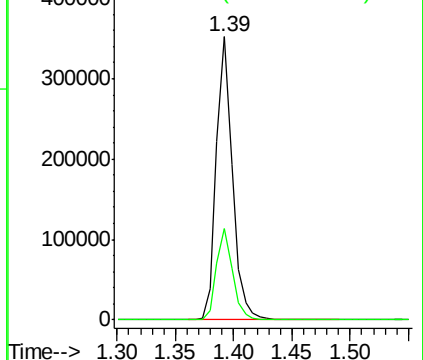
62 100

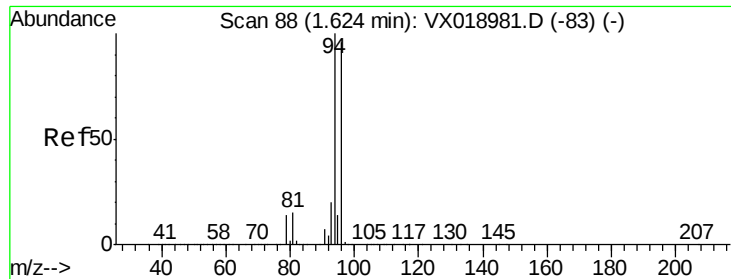
64 32.1 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 81.074 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.01 min

Lab File: VX018983.D

Acq: 20 Oct 2020 18:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 94 Resp: 181447

Ion Ratio Lower Upper

94 100

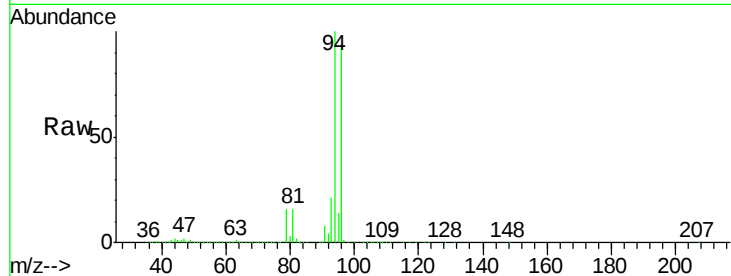
96 93.7 76.4 114.6

Manual Integrations

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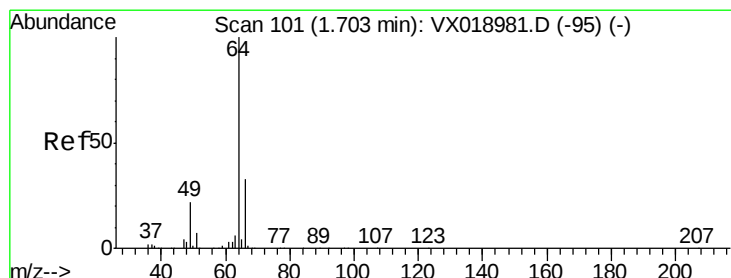
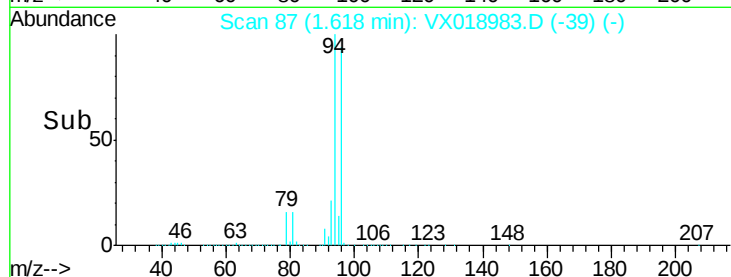
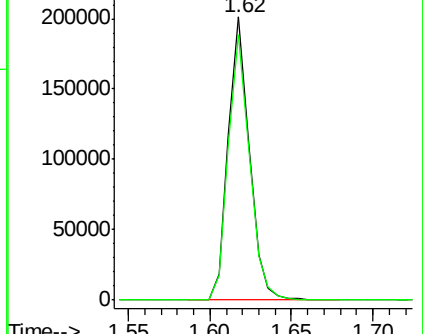
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 115.048 ug/l

RT: 1.69 min Scan# 99

Delta R.T. -0.01 min

Lab File: VX018983.D

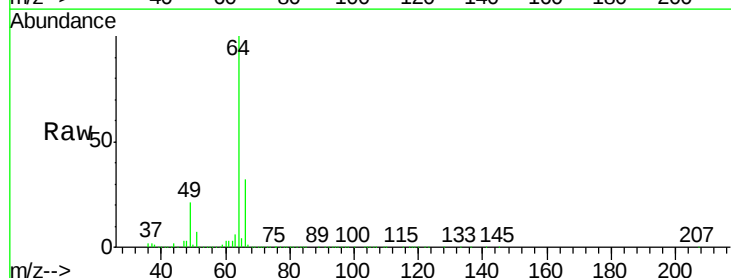
Acq: 20 Oct 2020 18:28

Tgt Ion: 64 Resp: 235592

Ion Ratio Lower Upper

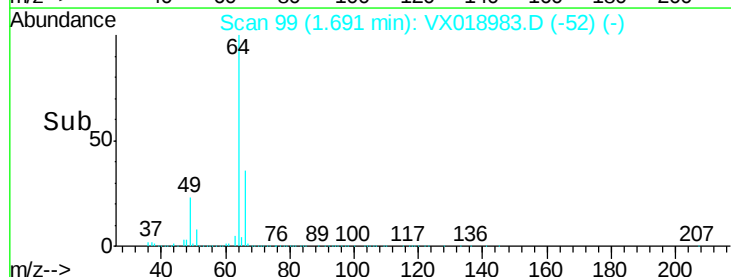
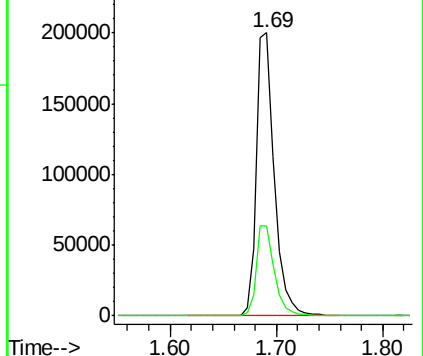
64 100

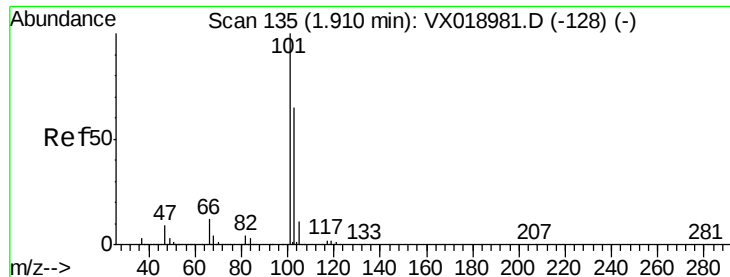
66 32.0 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

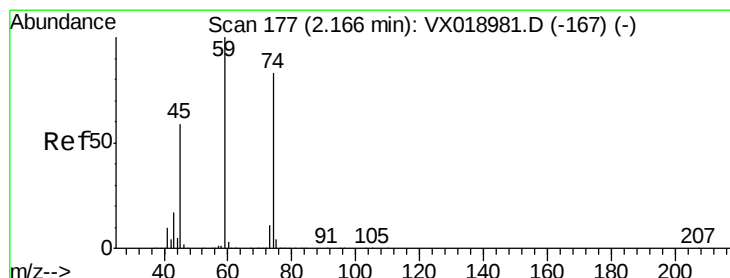
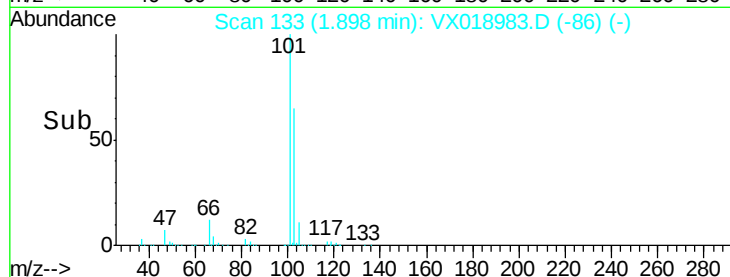
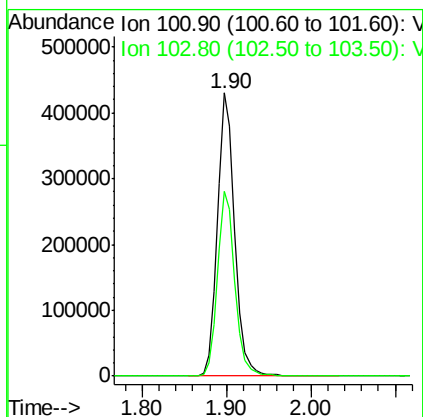
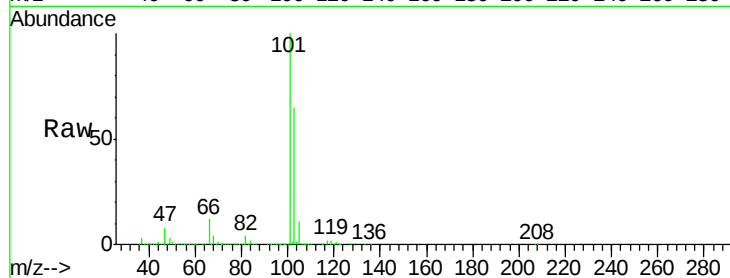
Trichlorofluoromethane
Concen: 131.758 ug/l
RT: 1.90 min Scan# 133
Delta R.T. -0.01 min
Lab File: VX018983.D
Acq: 20 Oct 2020 18:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.2	51.6	77.4

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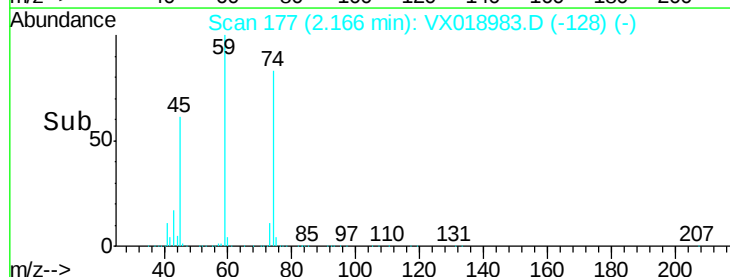
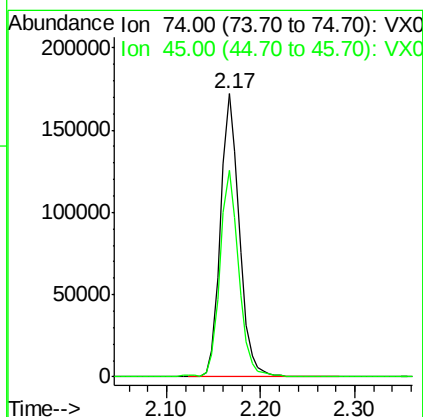
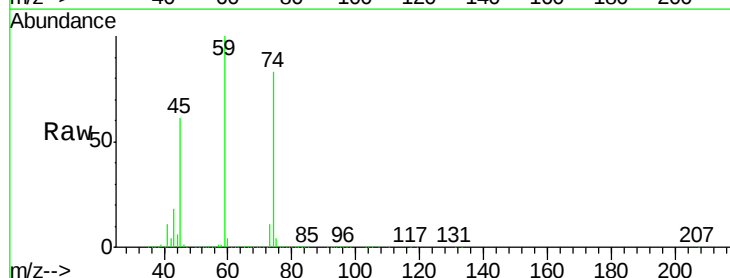
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10/21/2020 1:05:06 PM

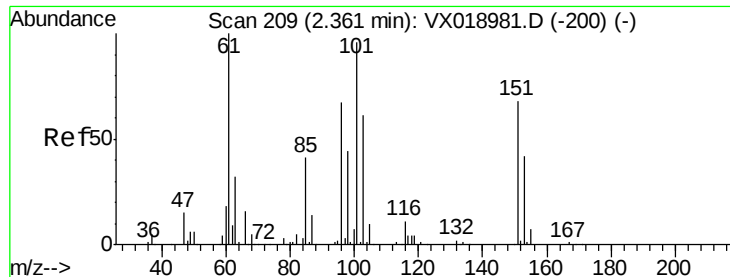


#8

Diethyl Ether
Concen: 130.608 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX018983.D
Acq: 20 Oct 2020 18:28

Tgt Ion	Ratio	Lower	Upper
74	100		
45	72.8	36.0	108.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 103.084 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.01 min

Lab File: VX018983.D

Acq: 20 Oct 2020 18:28

Instrument :

MSVOA_X

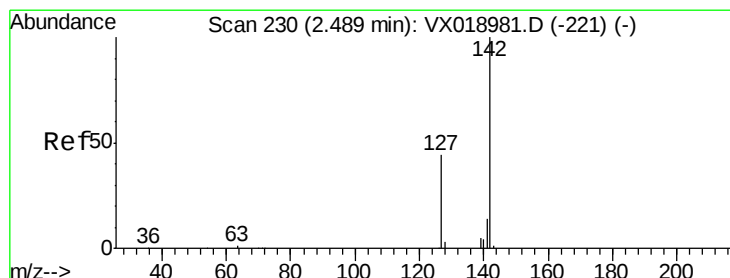
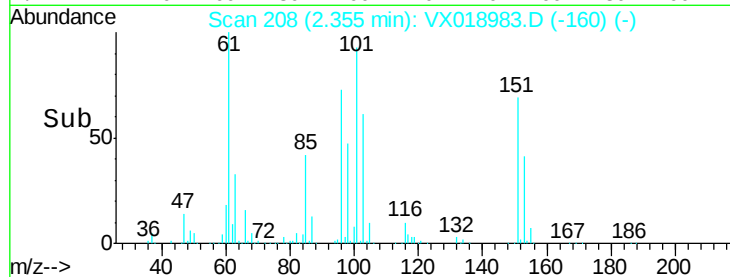
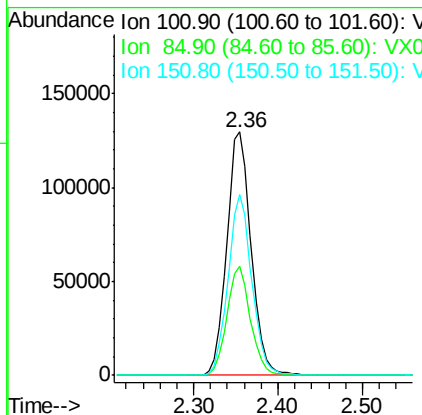
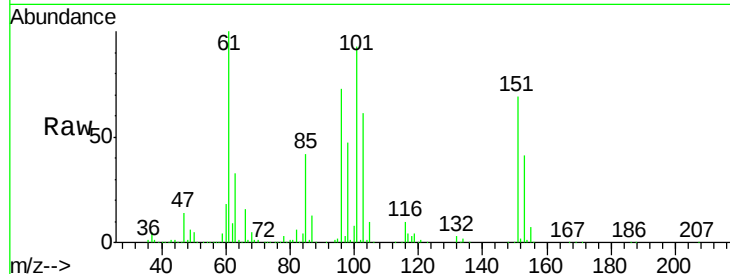
ClientSampleId :

VSTDIC150

Tot Ion:	101	Resp:	255002
Ion Ratio	Lower	Upper	
101	100		
85	43.5	34.9	52.3
151	72.7	56.1	84.1

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#10

Methyl Iodide

Concen: 152.449 ug/l

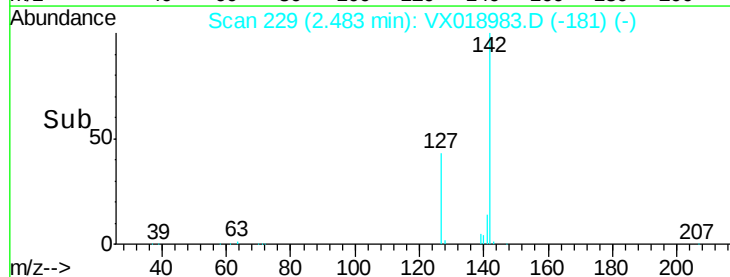
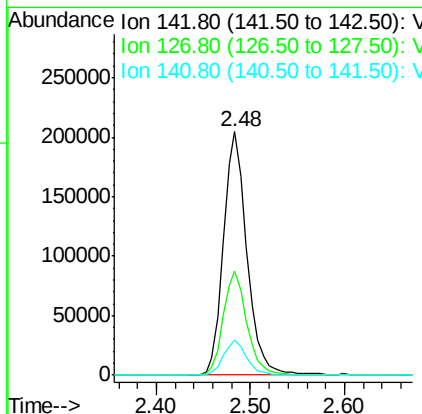
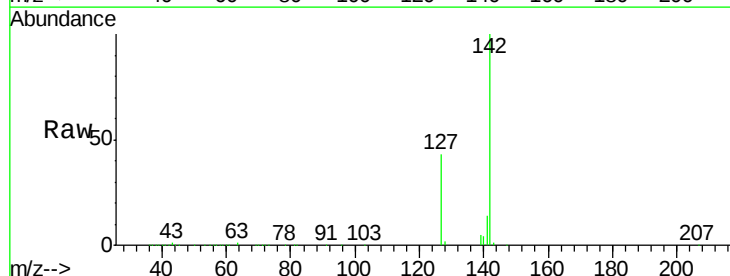
RT: 2.48 min Scan# 229

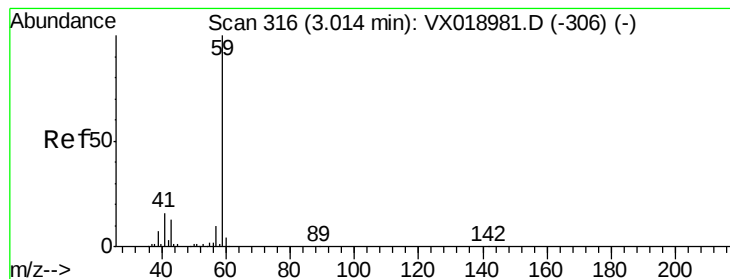
Delta R.T. -0.01 min

Lab File: VX018983.D

Acq: 20 Oct 2020 18:28

Tgt Ion:	142	Resp:	353819
Ion Ratio	Lower	Upper	
142	100		
127	42.9	34.2	51.2
141	14.3	11.3	16.9





#11

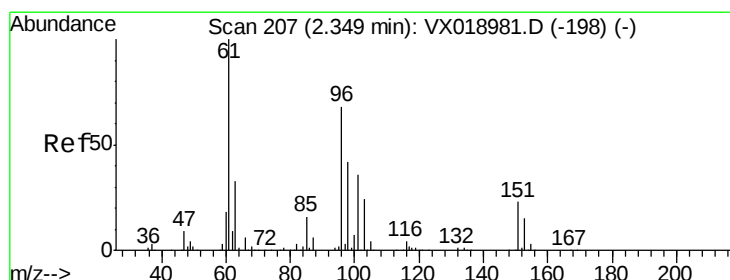
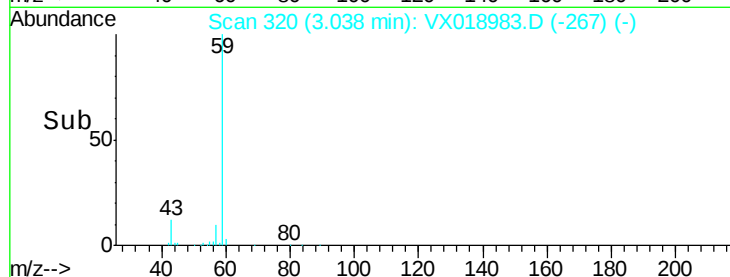
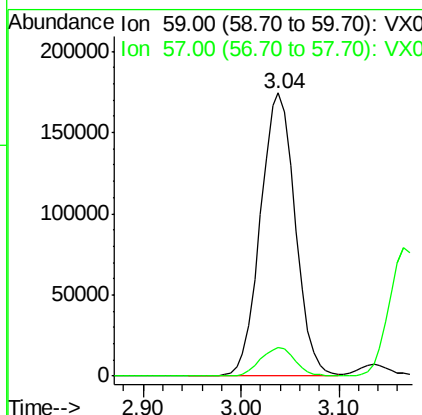
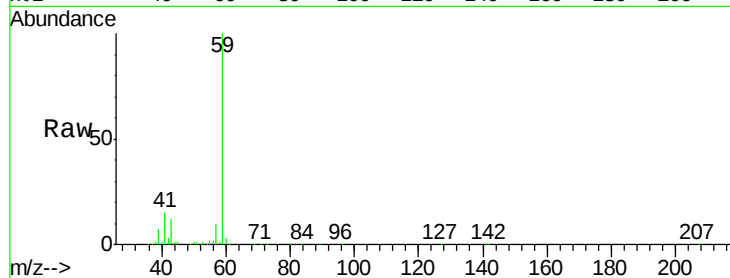
Tert butyl alcohol
 Concen: 724.603 ug/l
 RT: 3.04 min Scan# 320
 Delta R.T. 0.02 min
 Lab File: VX018983.D
 Acq: 20 Oct 2020 18:28

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC150

Tot Ion	59	57	Ratio	100	10.2	Resp	431327	Lower	8.3	Upper	12.5
Ion	59	57	Ratio	100	10.2	Resp	431327	Lower	8.3	Upper	12.5

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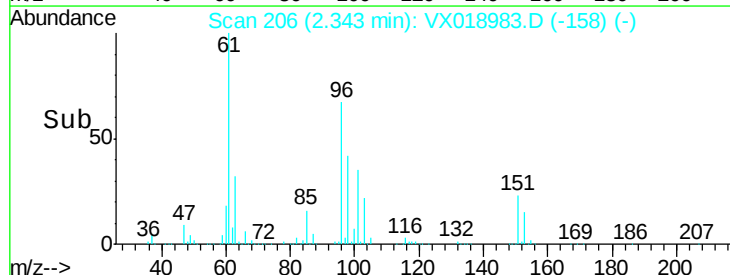
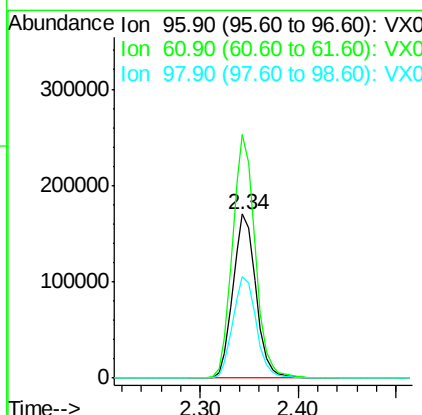
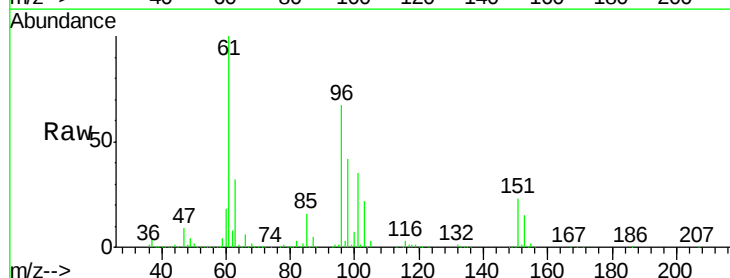
MMDadoda
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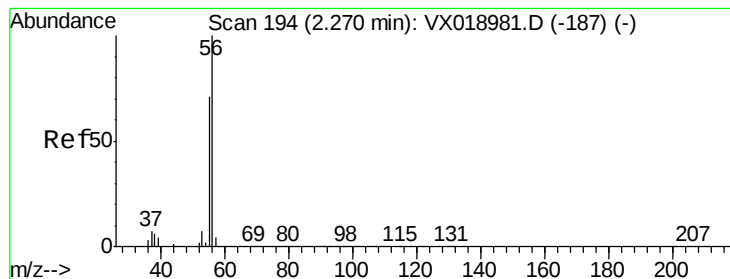


#12

1,1-Dichloroethene
 Concen: 104.153 ug/l
 RT: 2.34 min Scan# 206
 Delta R.T. -0.01 min
 Lab File: VX018983.D
 Acq: 20 Oct 2020 18:28

Tgt Ion	96	61	98	Ratio	100	148.4	62.2	Resp	276664	Lower	117.4	48.9	Upper	176.0	73.3
Ion	96	61	98	Ratio	100	148.4	62.2	Resp	276664	Lower	117.4	48.9	Upper	176.0	73.3





#13

Acrolein

Concen: 647.246 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX018983.D

Acq: 20 Oct 2020 18:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tot Ion: 56 Resp: 231986

Ion Ratio Lower Upper

56 100

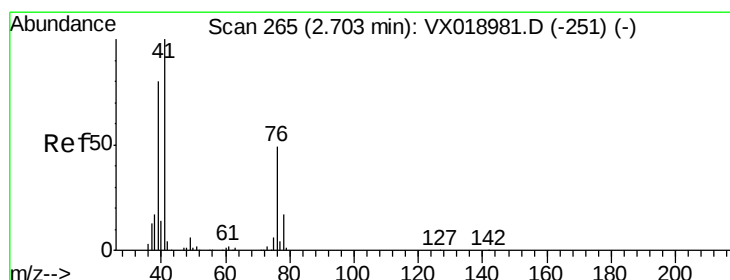
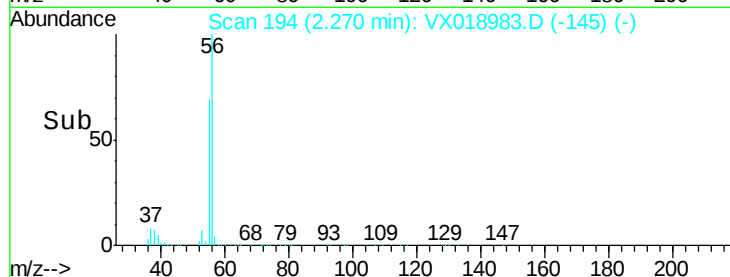
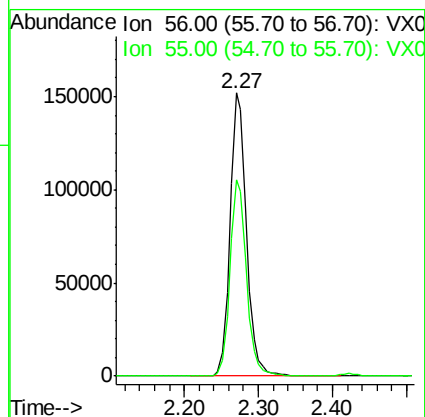
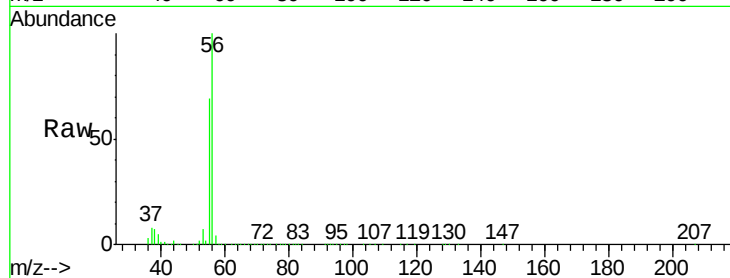
55 70.0 55.4 83.2

Manual Integrations

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#14

Allyl chloride

Concen: 128.711 ug/l

RT: 2.70 min Scan# 264

Delta R.T. -0.01 min

Lab File: VX018983.D

Acq: 20 Oct 2020 18:28

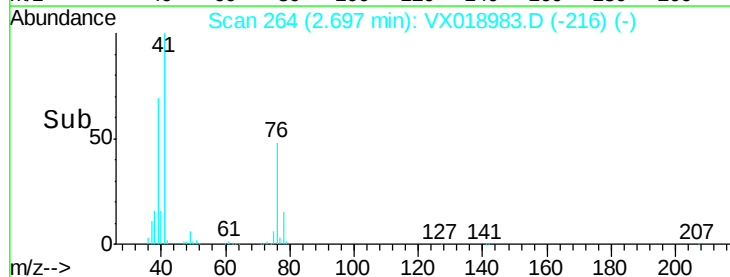
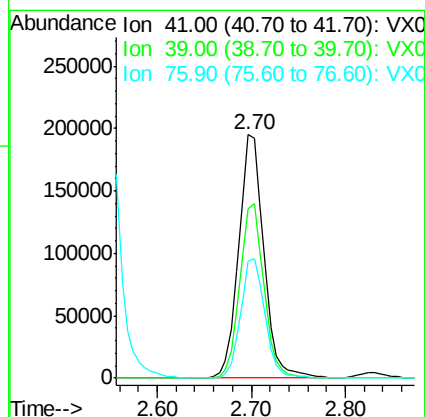
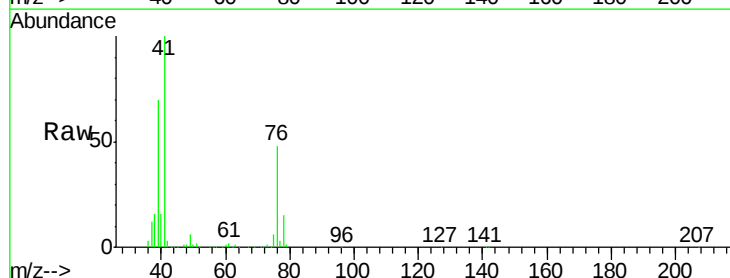
Tgt Ion: 41 Resp: 362463

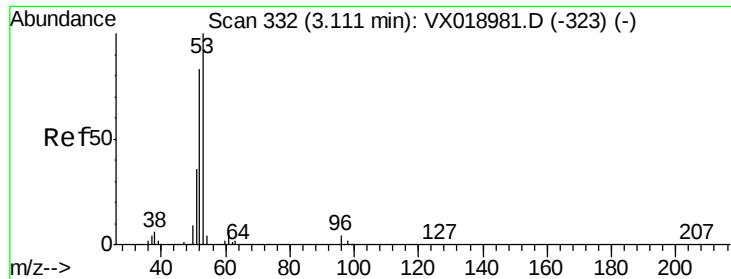
Ion Ratio Lower Upper

41 100

39 68.9 57.8 86.8

76 47.2 36.2 54.4





#15

Acrylonitrile

Concen: 695.545 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.01 min

Lab File: VX018983.D

Acq: 20 Oct 2020 18:28

Instrument :

MSVOA_X

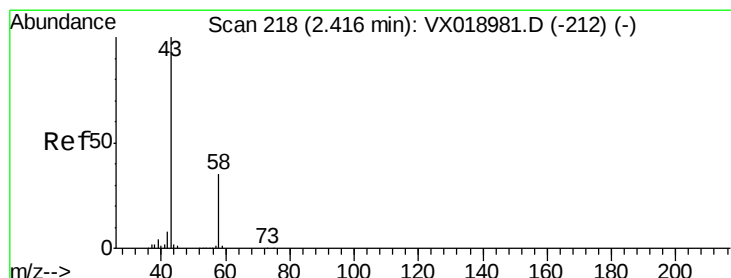
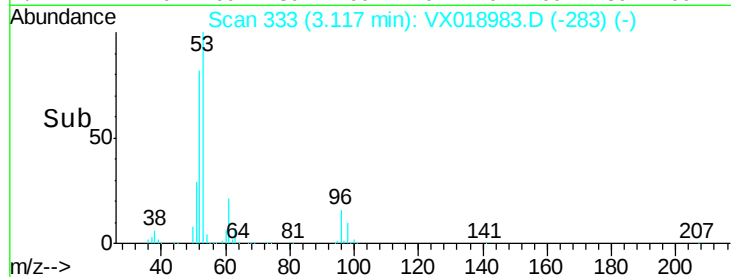
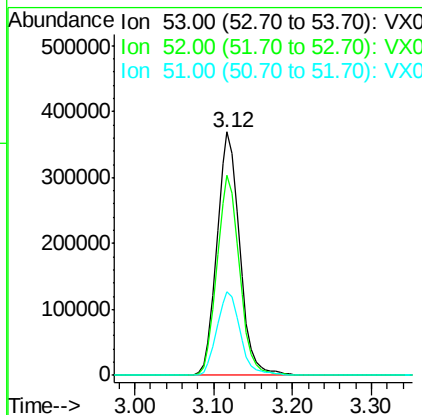
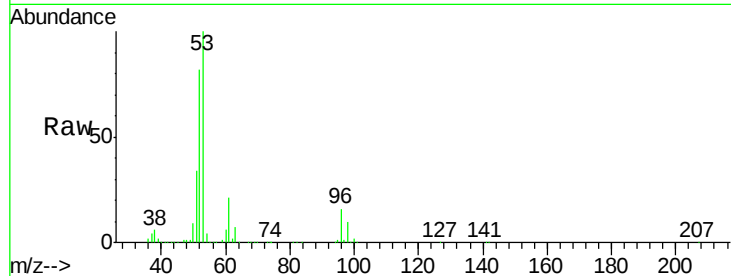
ClientSampleId :

VSTDIC150

Tot Ion:	53	Resp:	739526
Ion Ratio		Lower	Upper
53	100		
52	81.6	65.5	98.3
51	35.2	28.8	43.2

Manual Integrations
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#16

Acetone

Concen: 537.709 ug/l

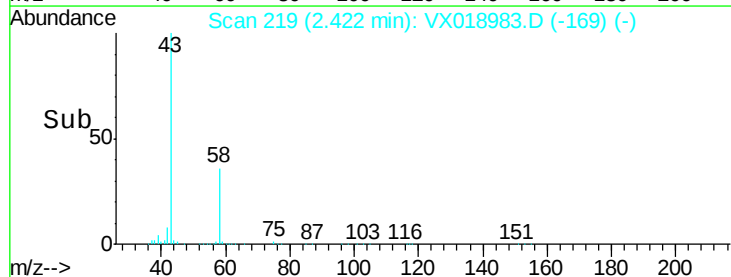
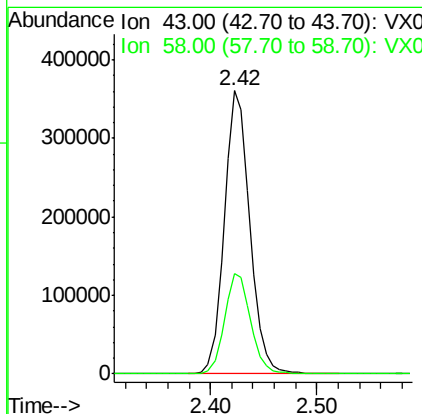
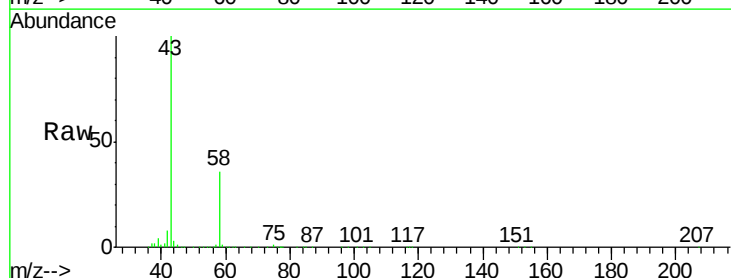
RT: 2.42 min Scan# 219

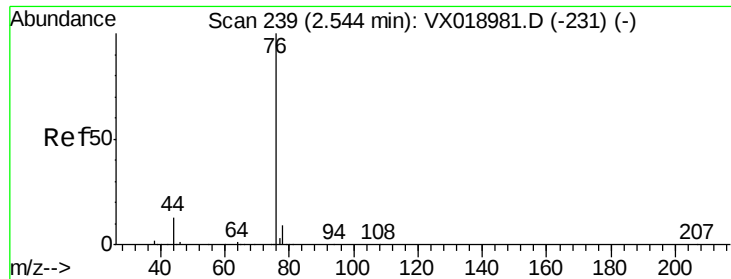
Delta R.T. 0.01 min

Lab File: VX018983.D

Acq: 20 Oct 2020 18:28

Tgt Ion:	43	Resp:	601042
Ion Ratio		Lower	Upper
43	100		
58	35.6	27.9	41.9





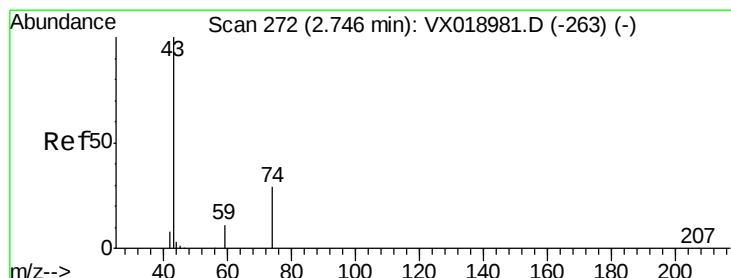
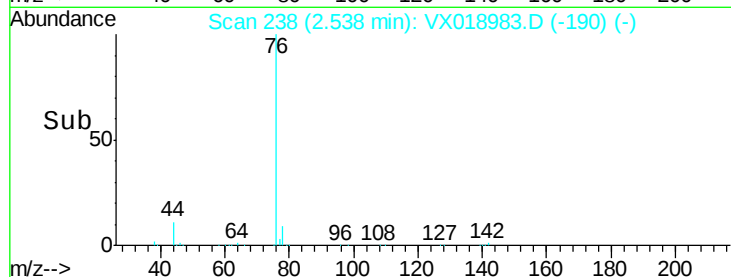
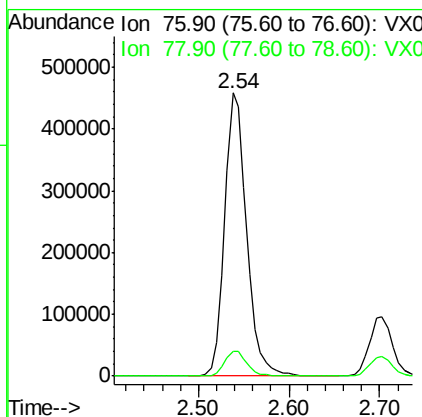
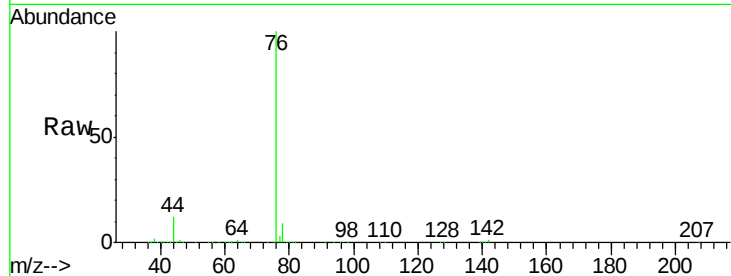
#17
Carbon Disulfide
Concen: 133.202 ug/l
RT: 2.54 min Scan# 238
Delta R.T. -0.01 min
Lab File: VX018983.D
Acq: 20 Oct 2020 18:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.6	11.4

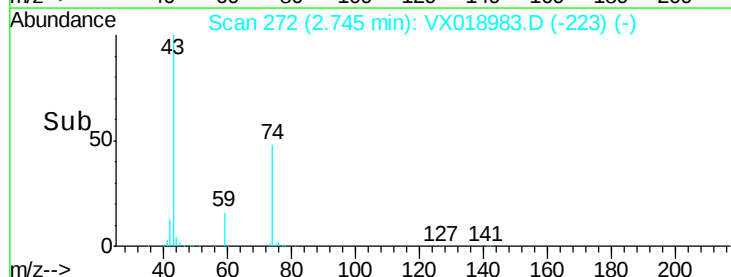
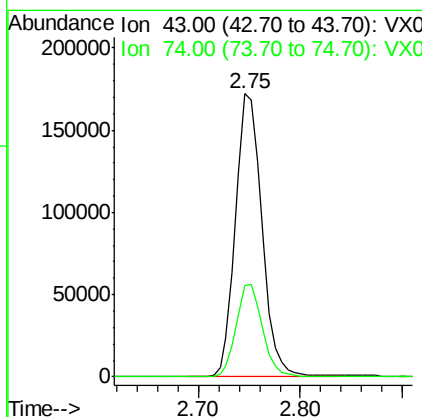
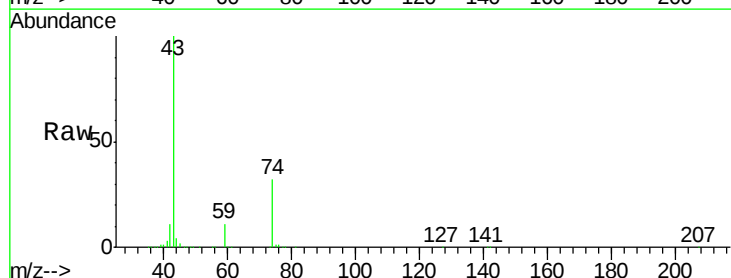
Manual Integrations
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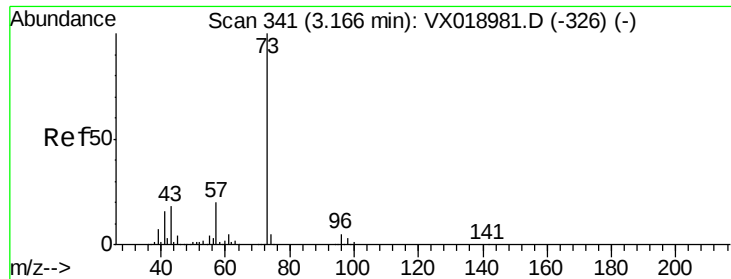
MMDadoda
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#18
Methyl Acetate
Concen: 136.474 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX018983.D
Acq: 20 Oct 2020 18:28

Tgt Ion	Ratio	Lower	Upper
43	100		
74	32.9	24.1	36.1





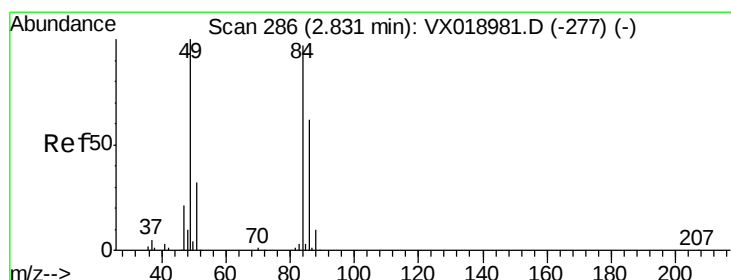
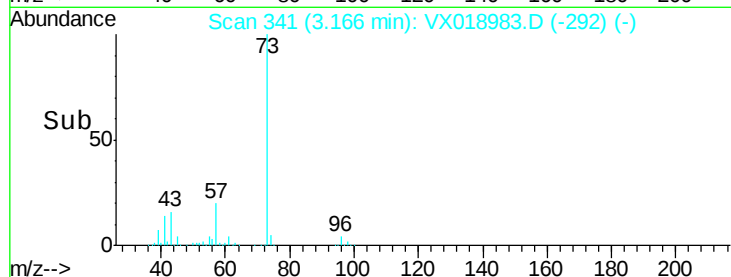
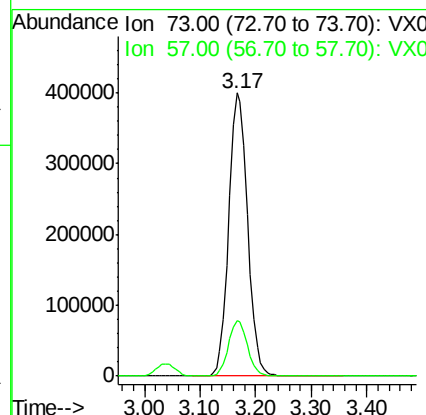
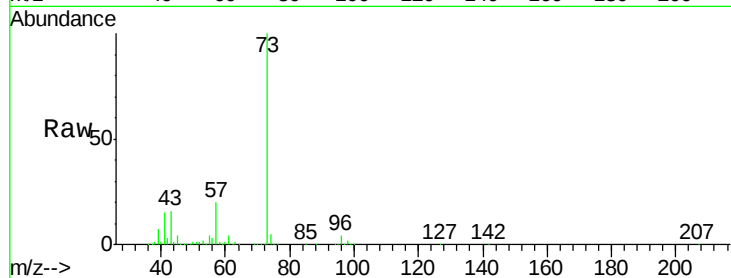
#19
Methyl tert-butyl Ether
Concen: 137.232 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX018983.D
Acq: 20 Oct 2020 18:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
73	100		
57	19.8	16.2	24.2

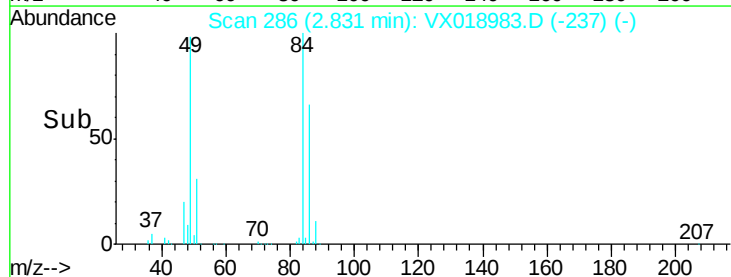
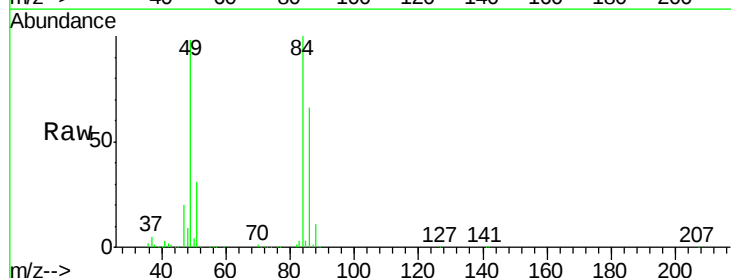
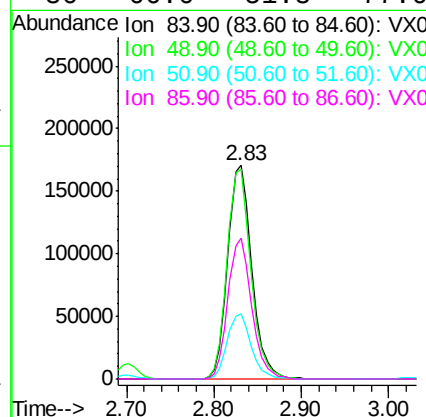
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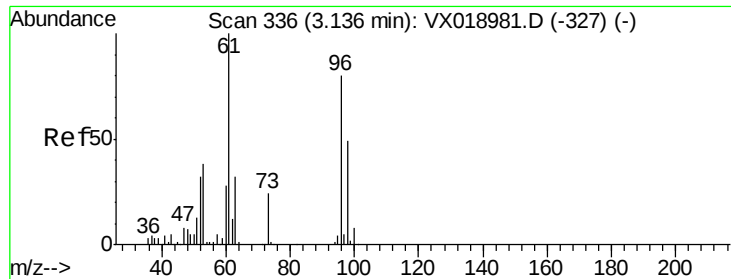
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#20
Methylene Chloride
Concen: 136.595 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX018983.D
Acq: 20 Oct 2020 18:28

Tgt Ion	Ratio	Lower	Upper
84	100		
49	98.2	82.9	124.3
51	30.7	26.4	39.6
86	66.0	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 144.599 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX018983.D

Acq: 20 Oct 2020 18:28

Instrument :

MSVOA_X

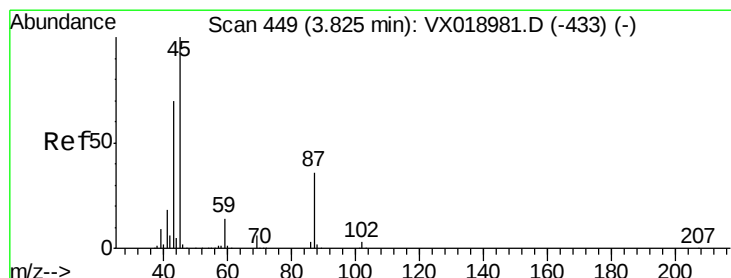
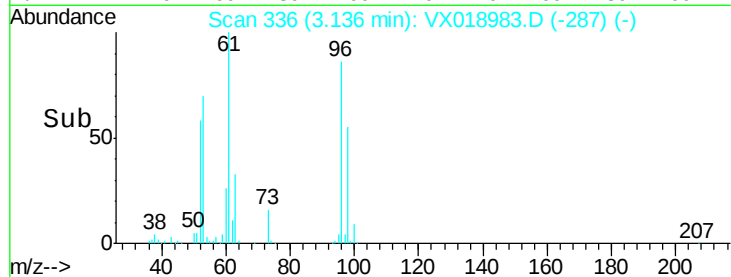
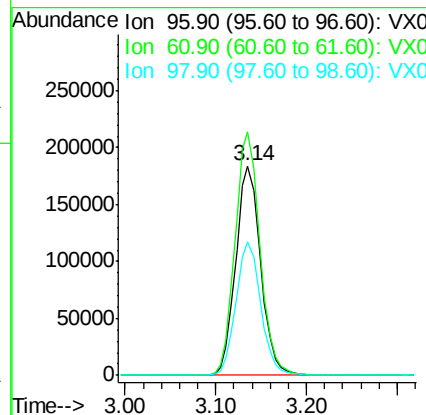
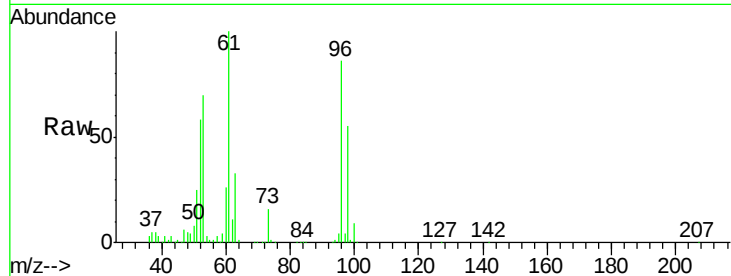
ClientSampleId :

VSTDIC150

Tot Ion:	96	Resp:	351247
Ion	Ratio	Lower	Upper
96	100		
61	116.2	99.8	149.8
98	63.8	49.1	73.7

Manual Integrations
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#22

Diisopropyl ether

Concen: 128.274 ug/l

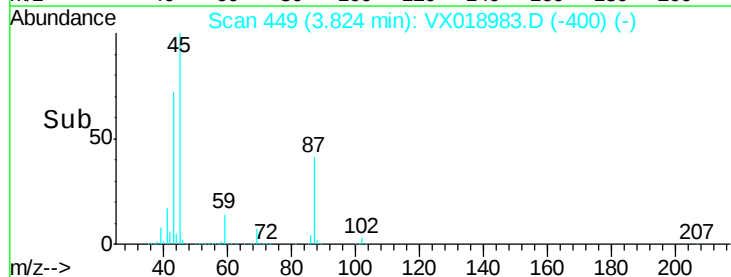
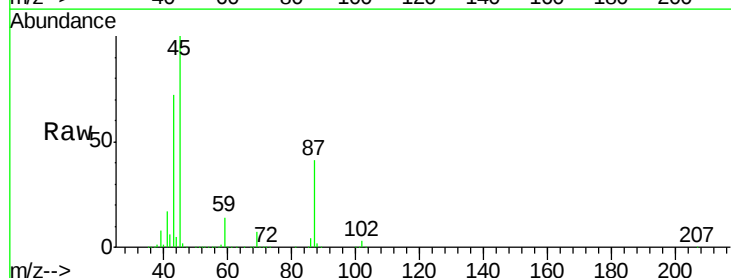
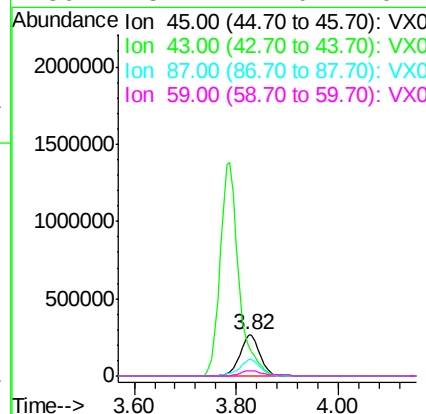
RT: 3.82 min Scan# 449

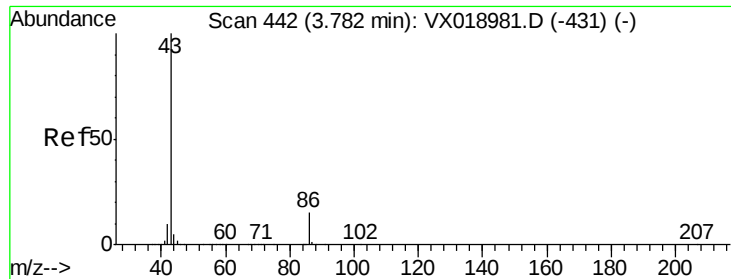
Delta R.T. -0.00 min

Lab File: VX018983.D

Acq: 20 Oct 2020 18:28

Tgt Ion:	45	Resp:	724785
Ion	Ratio	Lower	Upper
45	100		
43	72.1	56.1	84.1
87	40.7	29.2	43.8
59	13.7	11.0	16.4





#23

Vinyl Acetate

Concen: 650.092 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.01 min

Lab File: VX018983.D

Acq: 20 Oct 2020 18:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 3513337

Ion Ratio Lower Upper

43 100

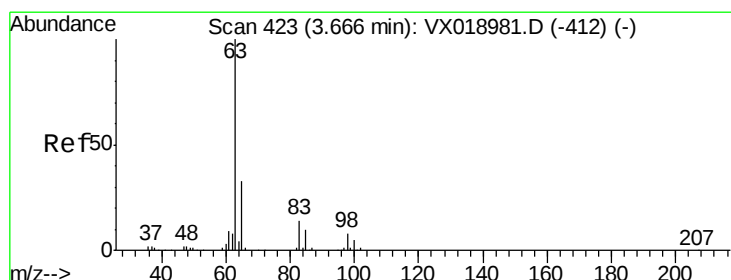
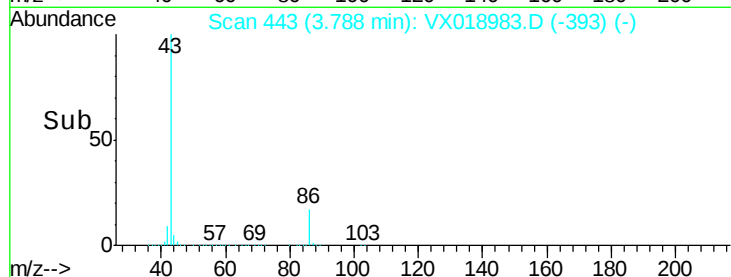
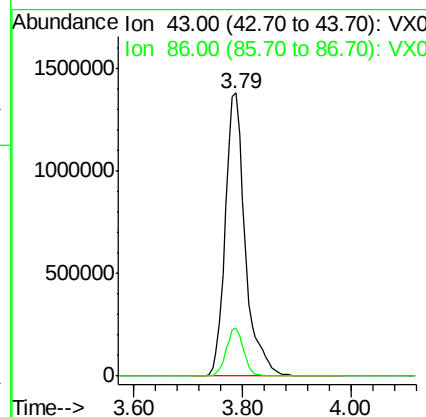
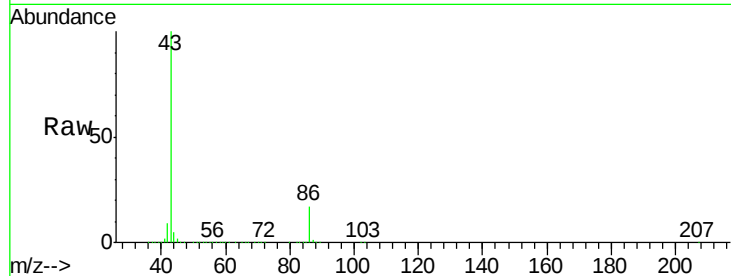
86 16.7 11.8 17.6

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 133.573 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX018983.D

Acq: 20 Oct 2020 18:28

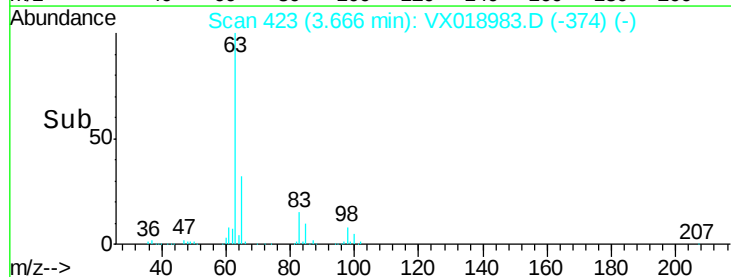
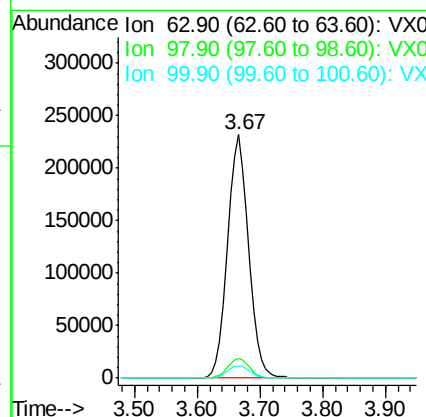
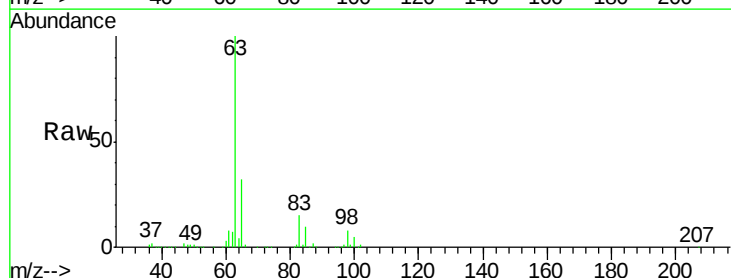
Tgt Ion: 63 Resp: 537677

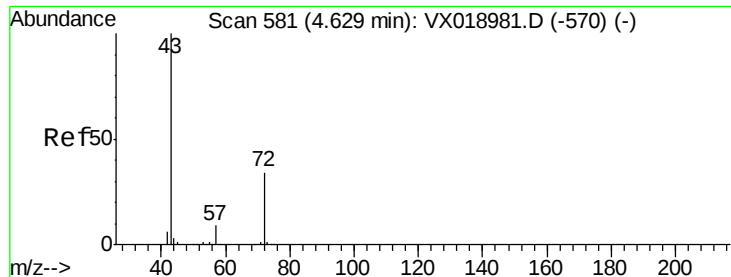
Ion Ratio Lower Upper

63 100

98 8.2 3.9 11.5

100 5.1 2.4 7.1





#25

2-Butanone

Concen: 662.858 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX018983.D

Acq: 20 Oct 2020 18:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 1013468

Ion Ratio Lower Upper

43 100

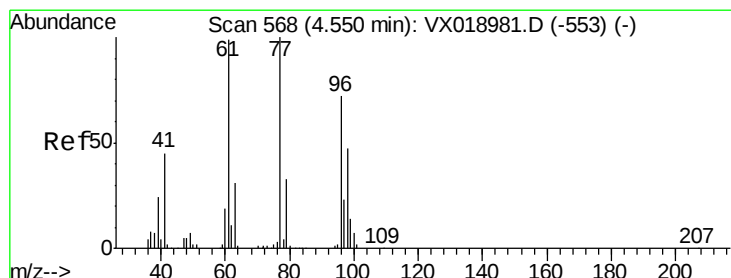
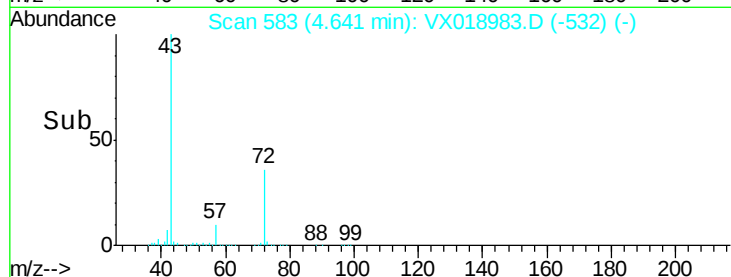
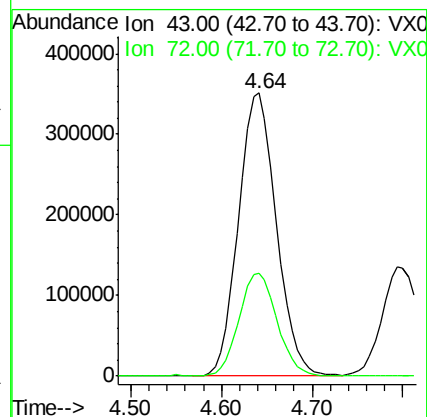
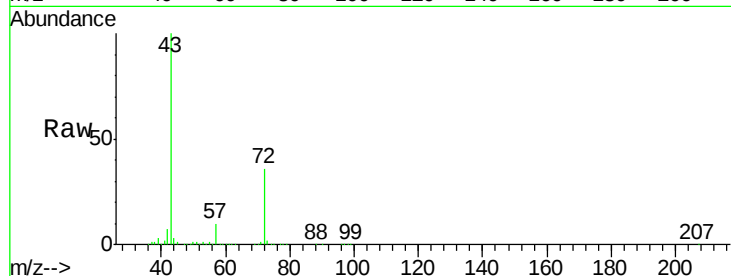
72 36.1 27.3 40.9

Manual Integrations

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10/21/2020 1:05:06 PM



#26

2,2-Dichloropropane

Concen: 130.003 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX018983.D

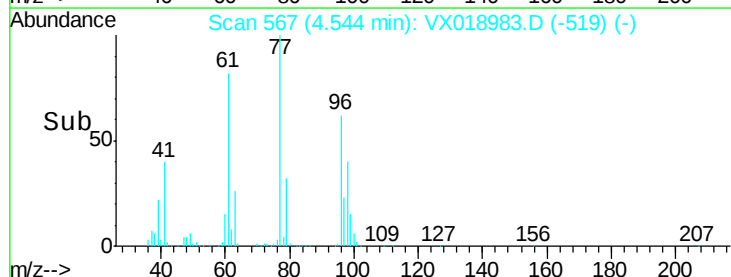
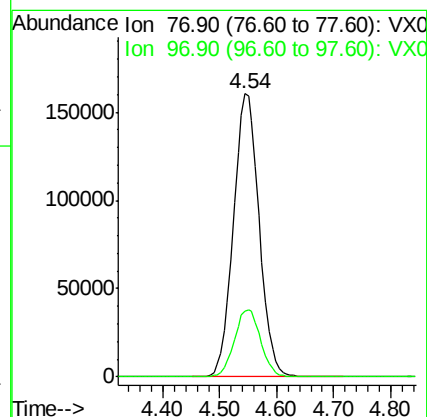
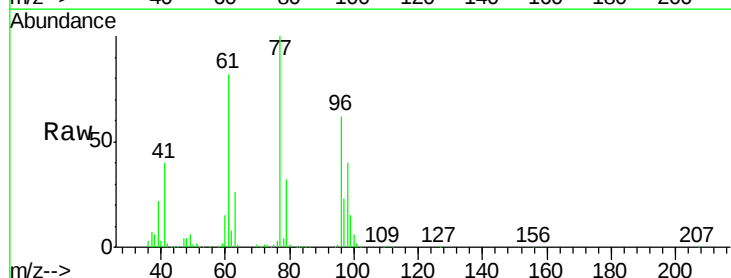
Acq: 20 Oct 2020 18:28

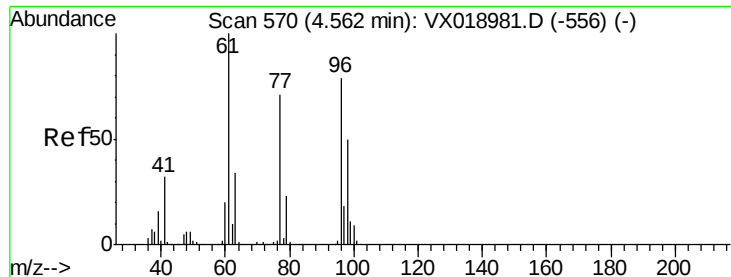
Tgt Ion: 77 Resp: 505241

Ion Ratio Lower Upper

77 100

97 24.2 11.5 34.4





#27

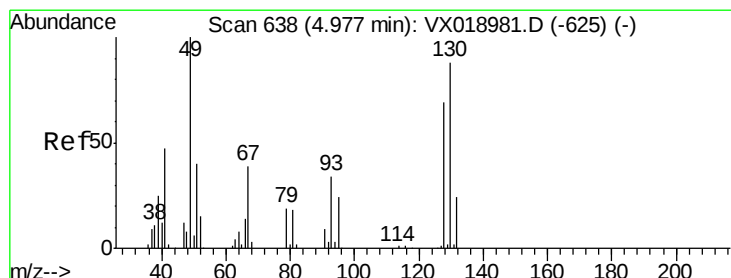
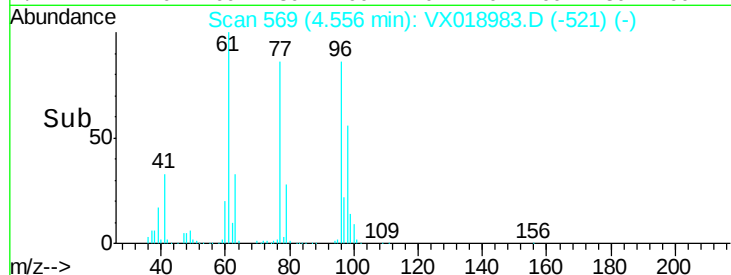
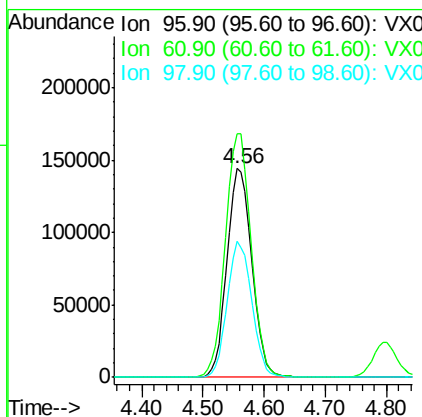
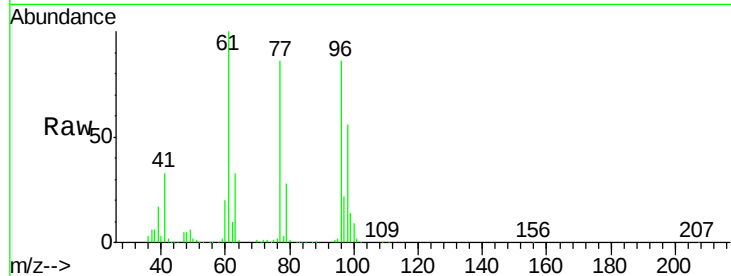
cis-1,2-Dichloroethene
Concen: 142.412 ug/l
RT: 4.56 min Scan# 569
Delta R.T. -0.01 min
Lab File: VX018983.D
Acq: 20 Oct 2020 18:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	121.2	0.0	266.2	
98	64.6	0.0	128.6	

Manual Integrations
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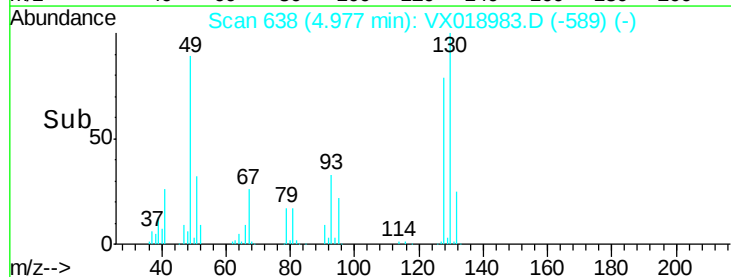
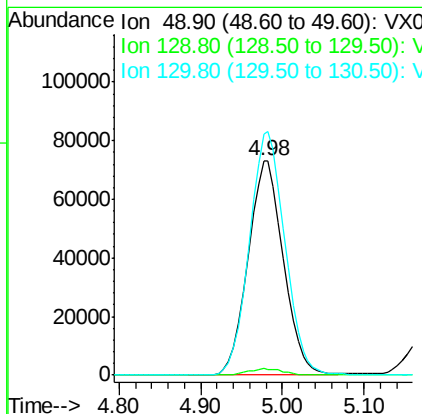
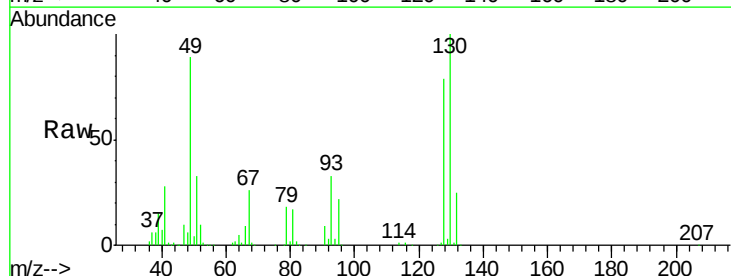
MMDadoda
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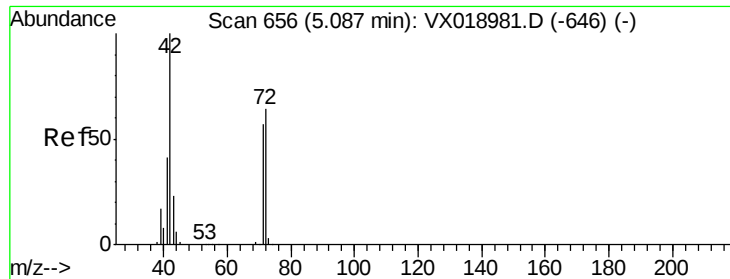


#28

Bromochloromethane
Concen: 129.593 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX018983.D
Acq: 20 Oct 2020 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.8	0.0	4.8	
130	114.3	74.0	111.0#	





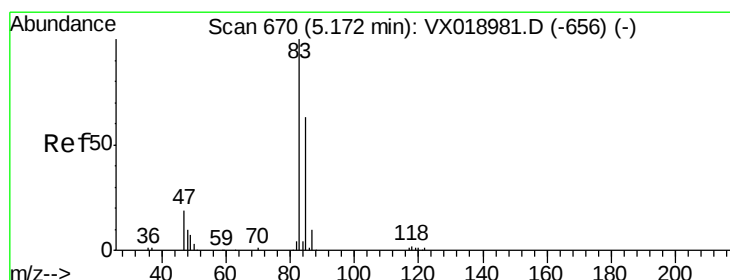
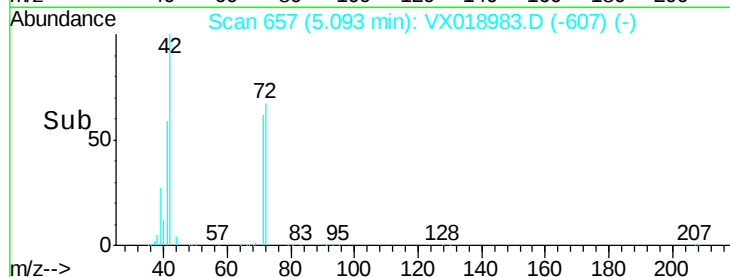
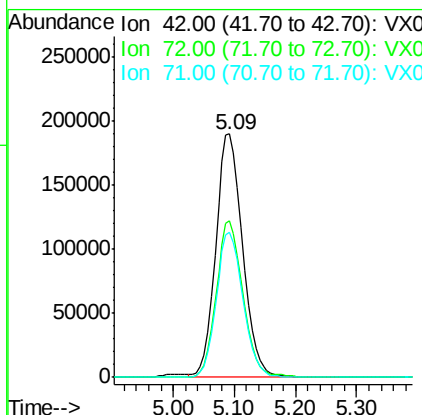
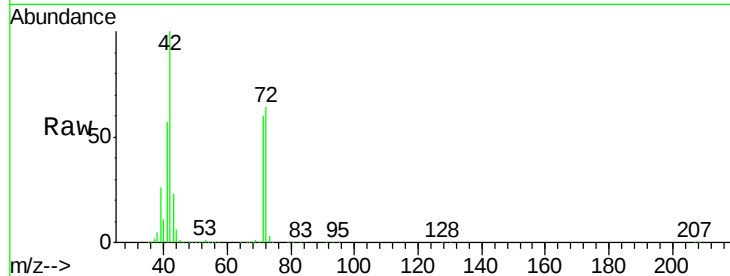
#29
Tetrahydrofuran
Concen: 647.540 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX018983.D
Acq: 20 Oct 2020 18:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
42	100		
72	64.1	49.2	73.8
71	59.3	45.3	67.9

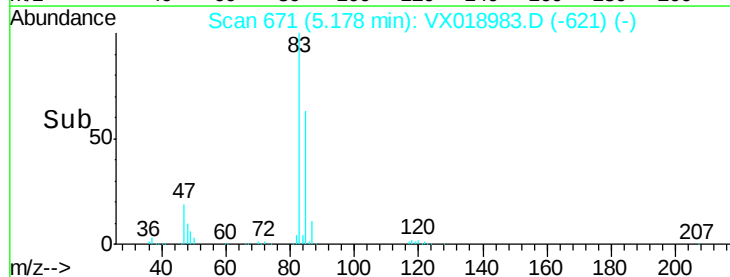
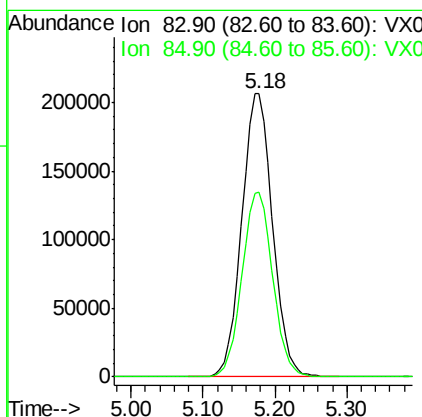
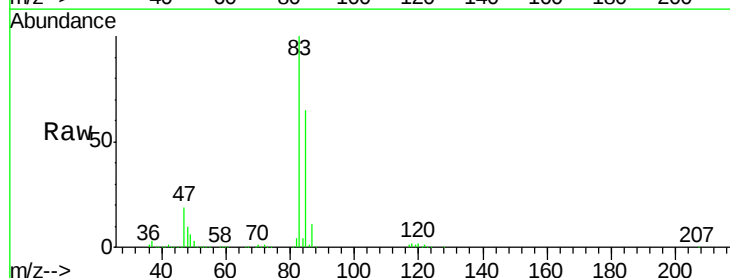
Manual Integrations
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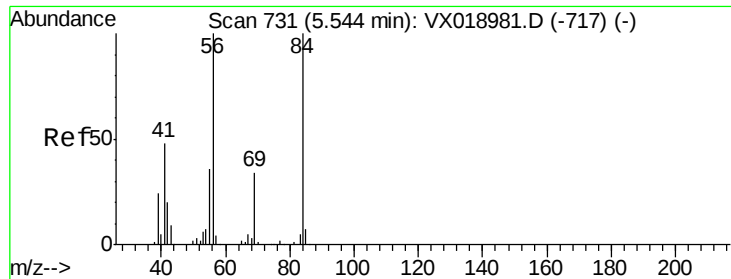
MMDadoda
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#30
Chloroform
Concen: 136.436 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.01 min
Lab File: VX018983.D
Acq: 20 Oct 2020 18:28

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.5	50.1	75.1





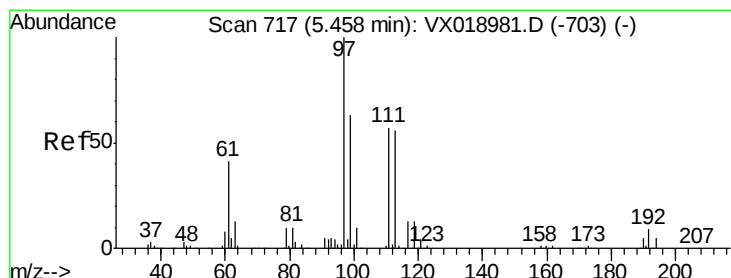
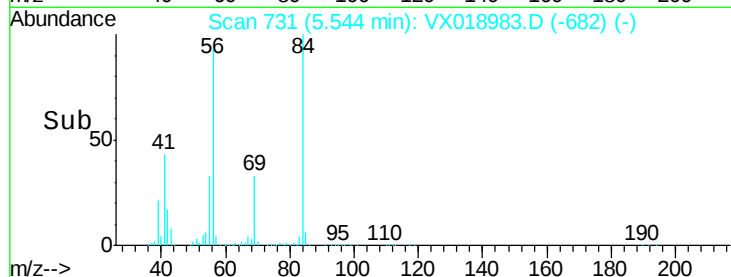
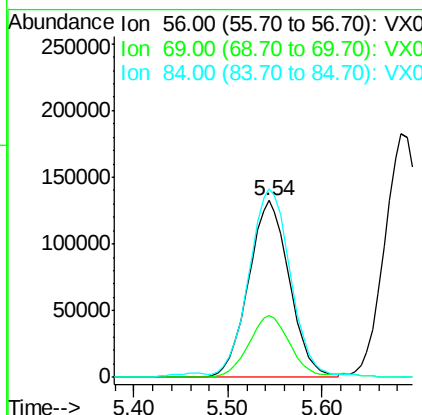
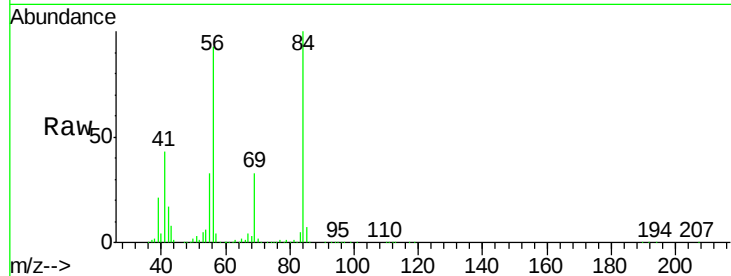
#31
Cyclohexane
Concen: 125.609 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.00 min
Lab File: VX018983.D
Acq: 20 Oct 2020 18:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.1	27.1	40.7
84	105.1	80.4	120.6

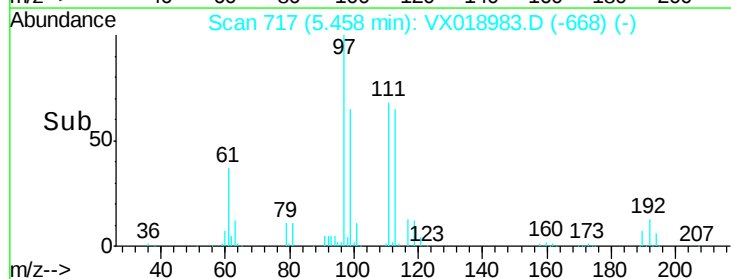
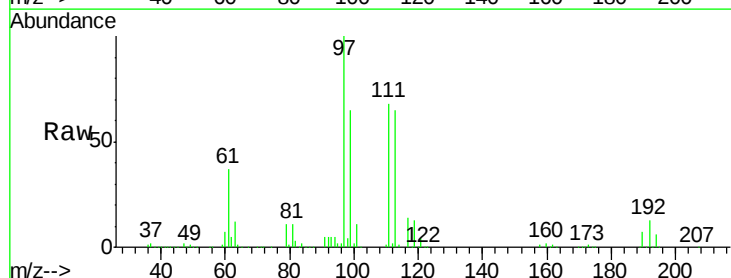
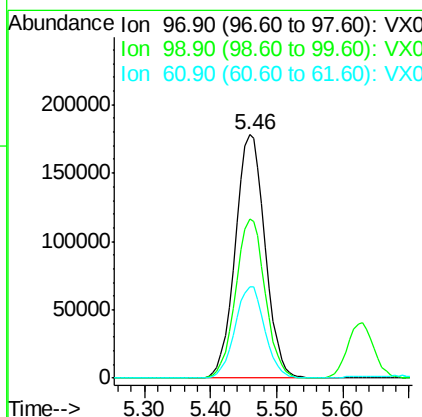
Manual Integrations
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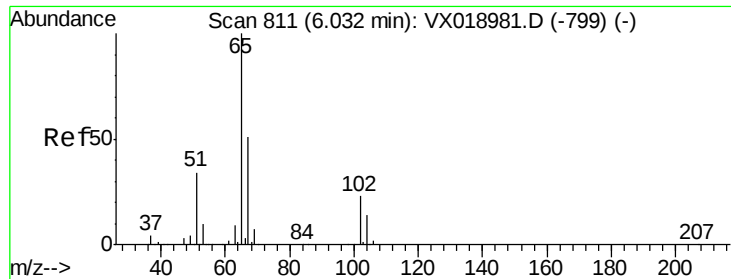
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#32
1,1,1-Trichloroethane
Concen: 137.769 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.00 min
Lab File: VX018983.D
Acq: 20 Oct 2020 18:28

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.1	76.7
61	37.6	32.5	48.7





#33

1,2-Dichloroethane-d4

Concen: 132.699 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018983.D

Acq: 20 Oct 2020 18:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 65 Resp: 363406

Ion Ratio Lower Upper

65 100

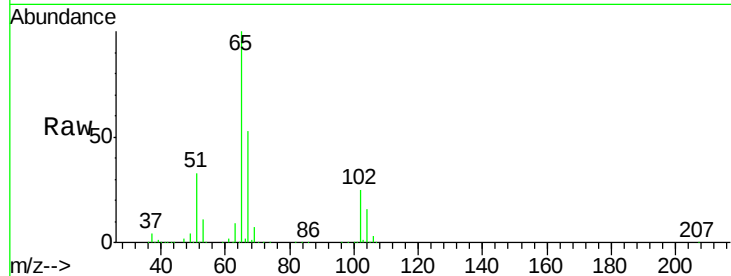
67 53.4 0.0 105.4

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

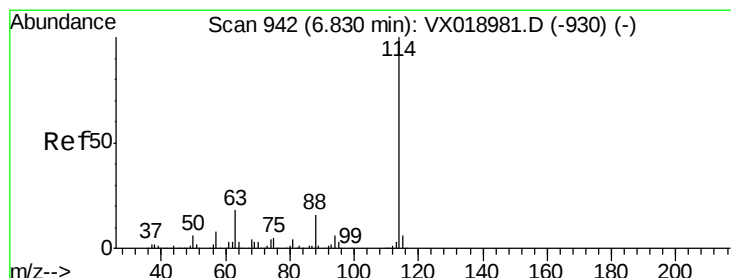
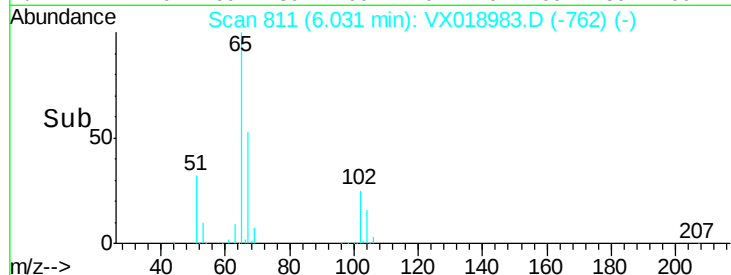
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX018983.D

Acq: 20 Oct 2020 18:28

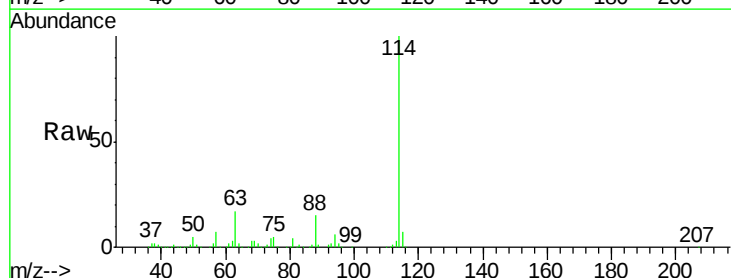
Tgt Ion: 114 Resp: 343593

Ion Ratio Lower Upper

114 100

63 16.8 0.0 36.8

88 15.2 0.0 31.8



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

200000

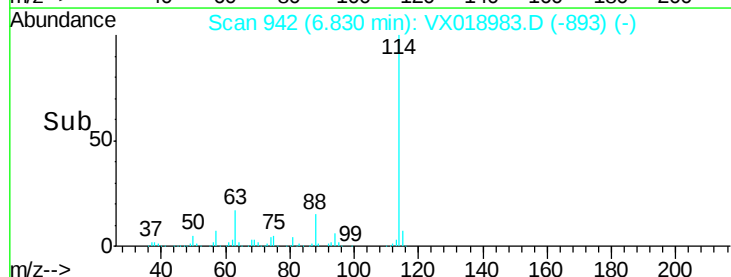
150000

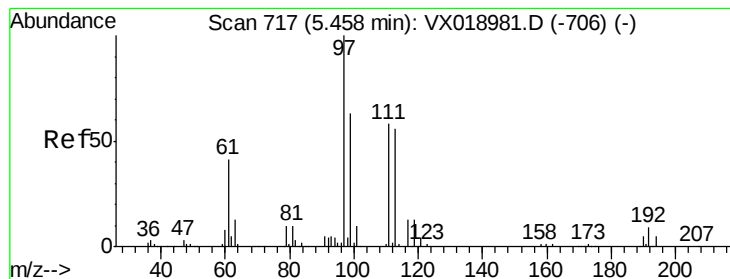
100000

50000

0

Time-->





#35

Dibromofluoromethane

Concen: 157.555 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX018983.D

Acq: 20 Oct 2020 18:28

Instrument :

MSVOA_X

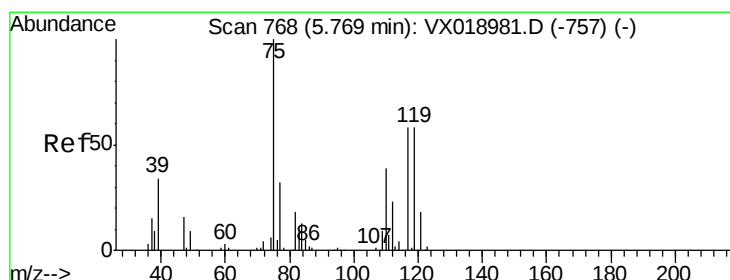
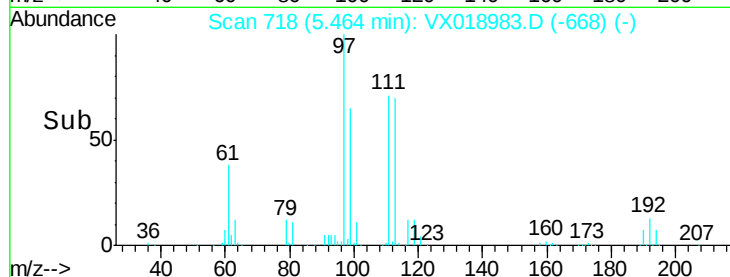
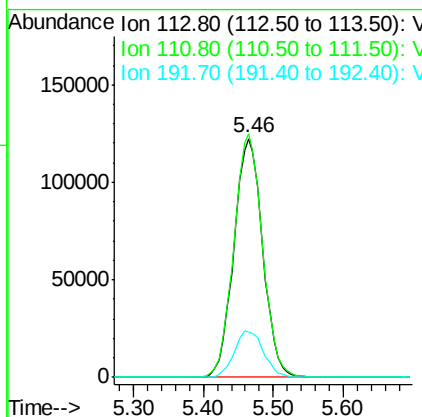
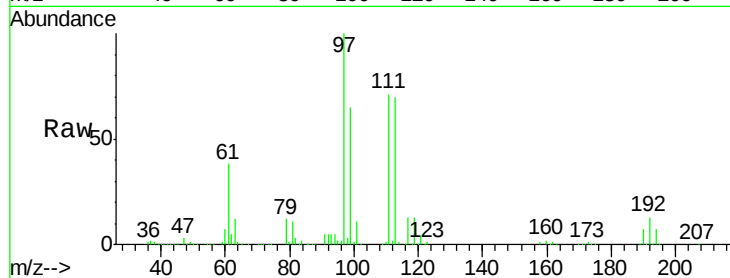
ClientSampleId :

VSTDIC150

Tot Ion:	113	Resp:	348870
Ion	Ratio	Lower	Upper
113	100		
111	101.7	84.1	126.1
192	19.9	14.7	22.1

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 139.494 ug/l

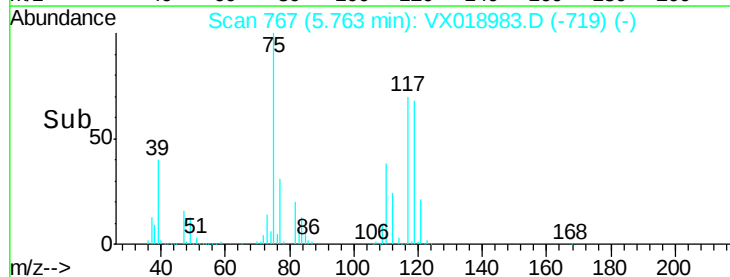
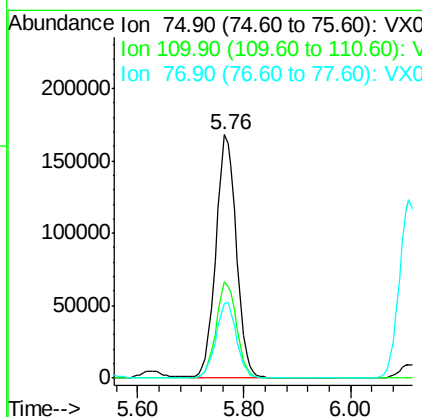
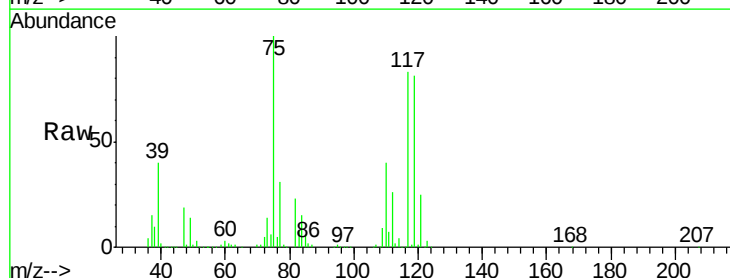
RT: 5.76 min Scan# 767

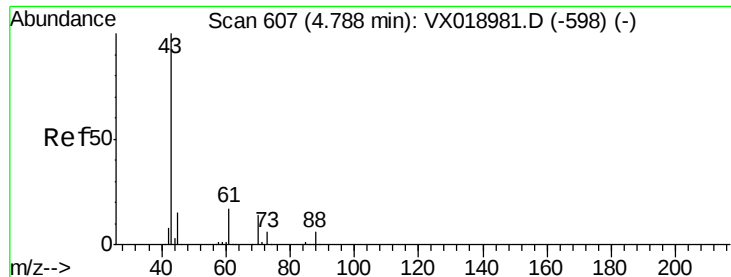
Delta R.T. -0.01 min

Lab File: VX018983.D

Acq: 20 Oct 2020 18:28

Tgt Ion:	75	Resp:	451676
Ion	Ratio	Lower	Upper
75	100		
110	39.5	18.6	55.6
77	31.0	25.0	37.4





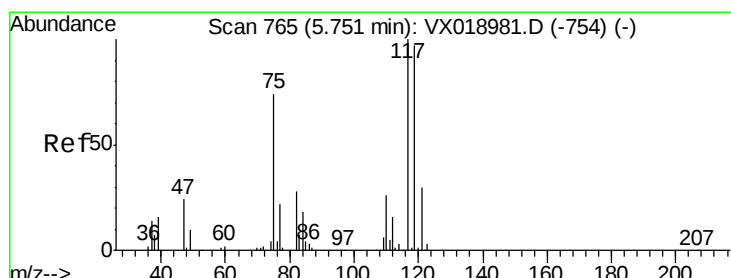
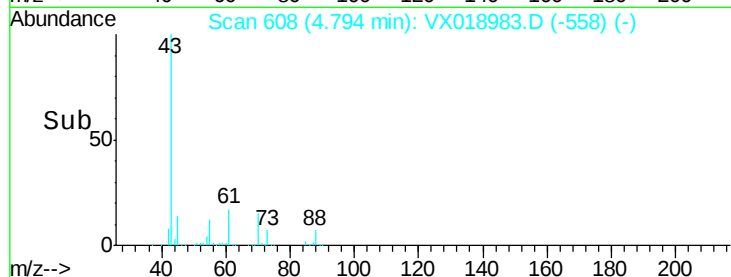
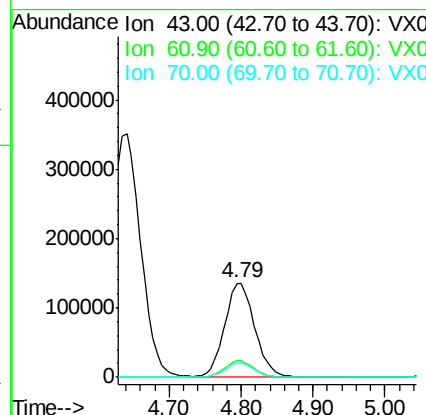
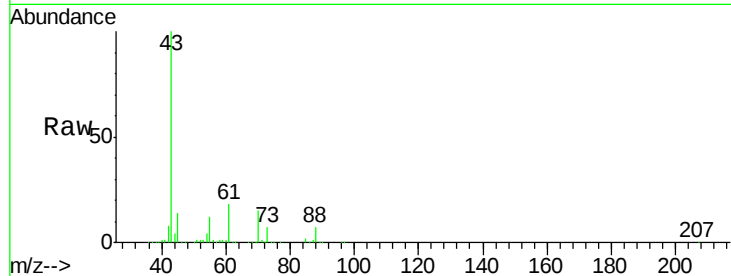
#37
Ethyl Acetate
Concen: 142.310 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX018983.D
Acq: 20 Oct 2020 18:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
61	17.3	13.5	20.3
70	15.2	11.4	17.2

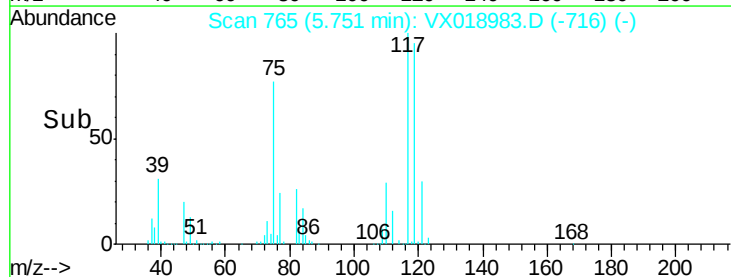
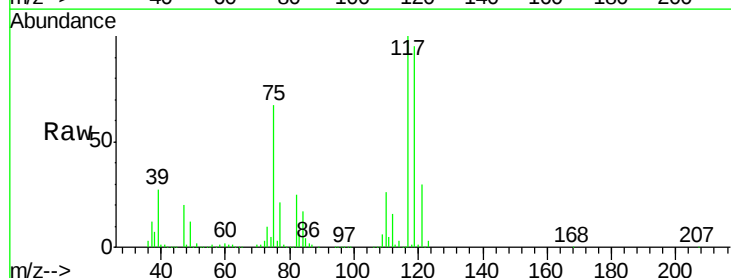
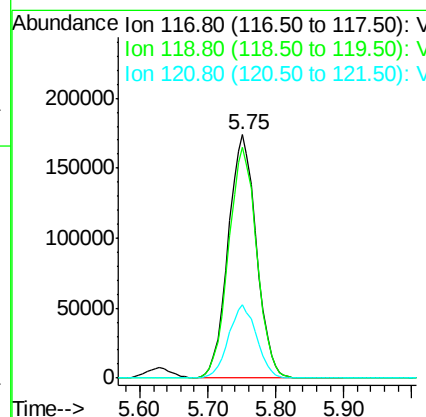
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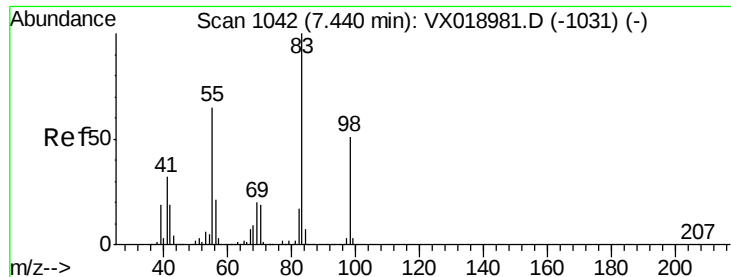
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#38
Carbon Tetrachloride
Concen: 149.265 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX018983.D
Acq: 20 Oct 2020 18:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.9	77.6	116.4
121	30.1	23.9	35.9





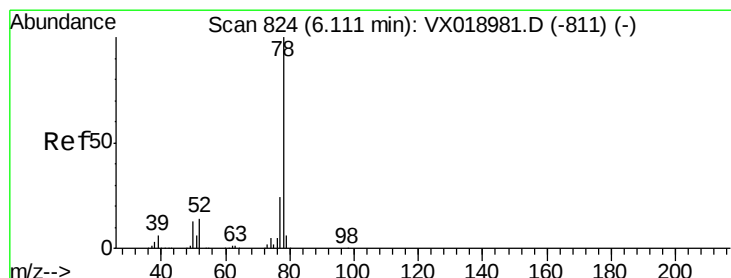
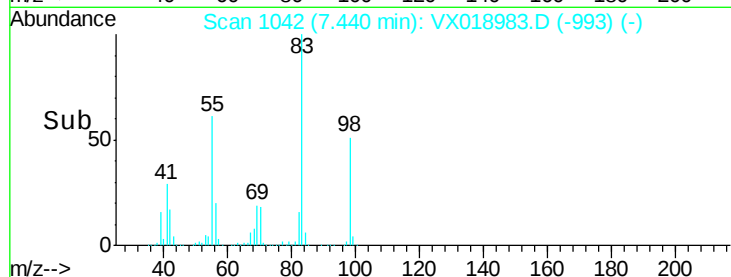
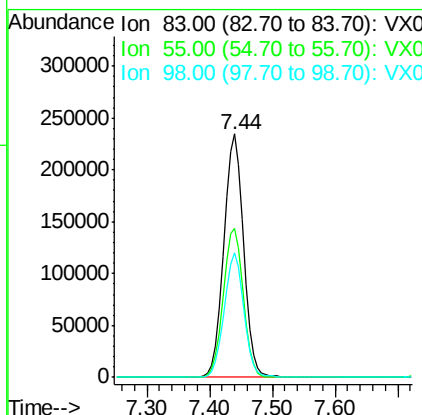
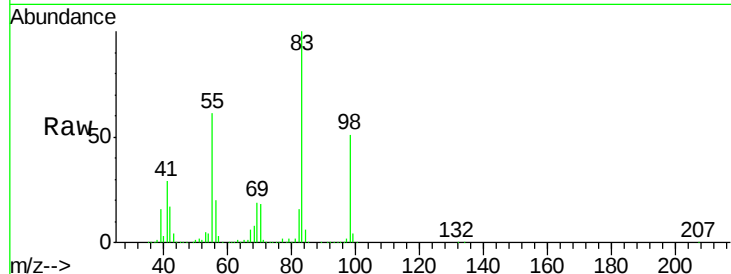
#39
Methvlcvclohexane
Concen: 144.153 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018983.D
Acq: 20 Oct 2020 18:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
83	100		
55	61.0	52.2	78.4
98	51.0	40.8	61.2

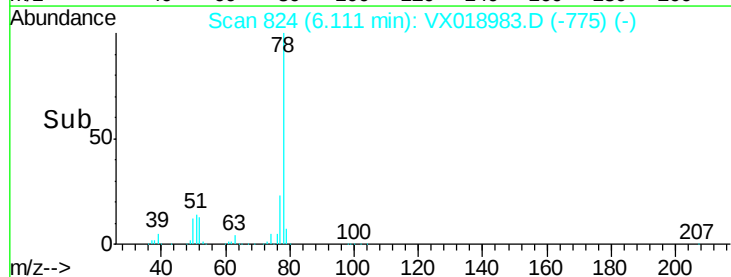
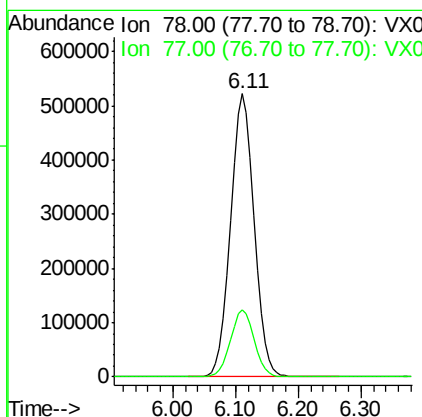
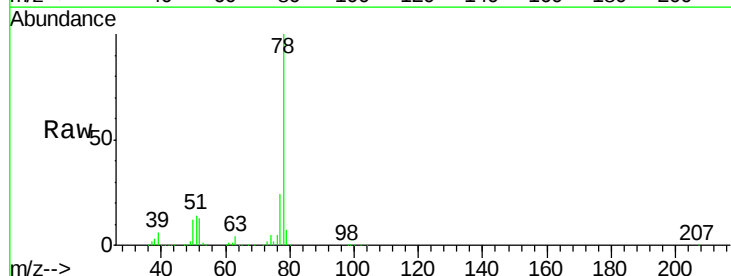
Manual Integrations
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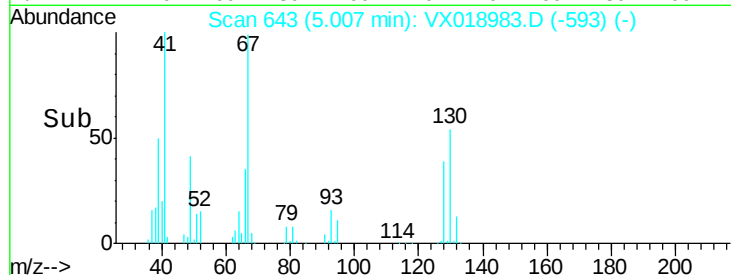
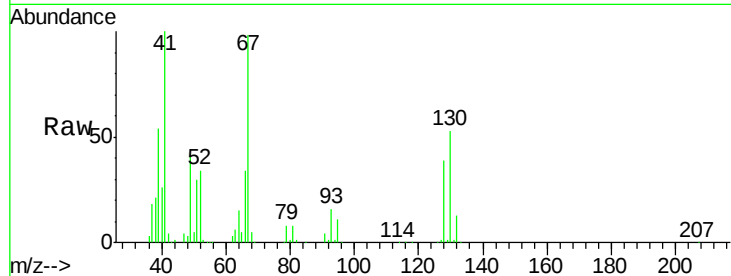
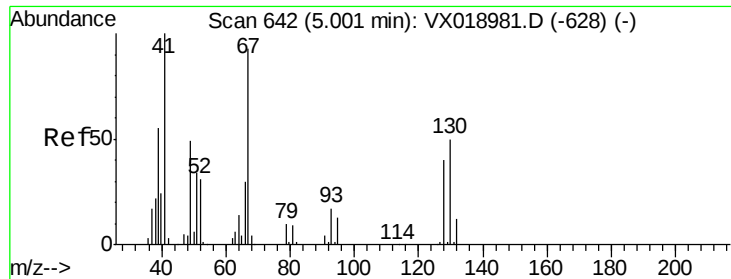
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#40
Benzene
Concen: 144.121 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX018983.D
Acq: 20 Oct 2020 18:28

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.5	29.3





#41

Methacrylonitrile

Concen: 133.053 ug/l

RT: 5.01 min Scan# 643

Delta R.T. 0.01 min

Lab File: VX018983.D

Acq: 20 Oct 2020 18:28

Tot Ion	Ion	Ratio	Lower	Upper
203287	41	100		
	39	55.1	44.3	66.5
	67	100.9	74.7	112.1
	52	35.0	27.4	41.2

Instrument :

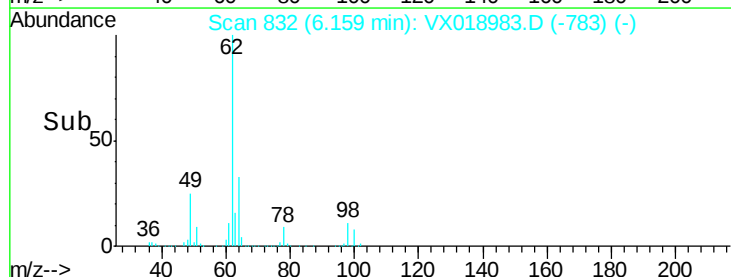
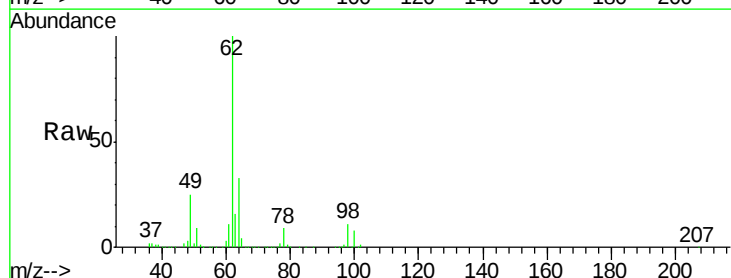
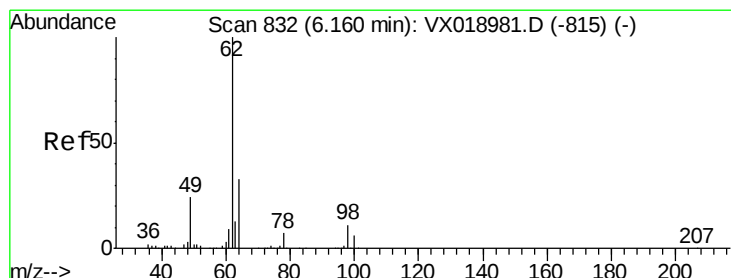
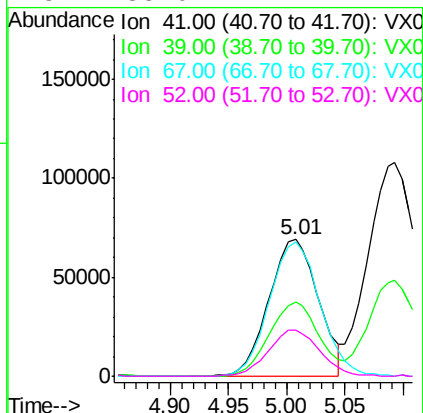
MSVOA_X

ClientSampleId :

VSTDIC150

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 136.080 ug/l

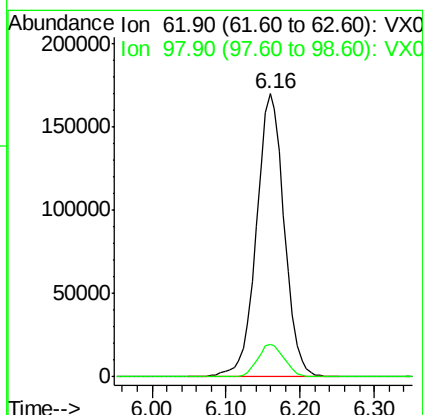
RT: 6.16 min Scan# 832

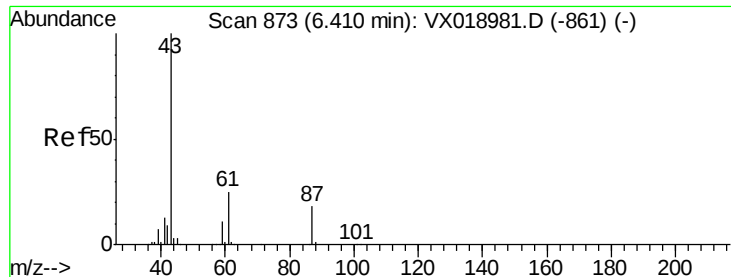
Delta R.T. -0.00 min

Lab File: VX018983.D

Acq: 20 Oct 2020 18:28

Tgt Ion	Ion	Ratio	Lower	Upper
442580	62	100		
	98	11.2	0.0	20.4





#43

Isopropyl Acetate

Concen: 135.175 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.01 min

Lab File: VX018983.D

Acq: 20 Oct 2020 18:28

Instrument :

MSVOA_X

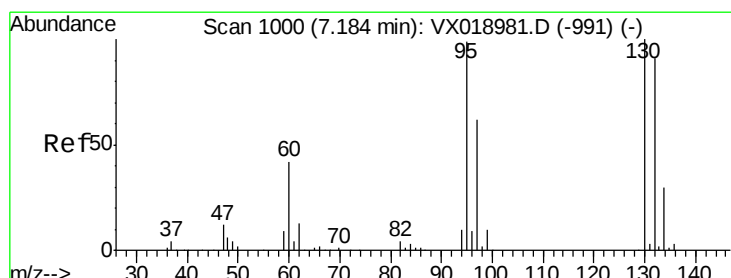
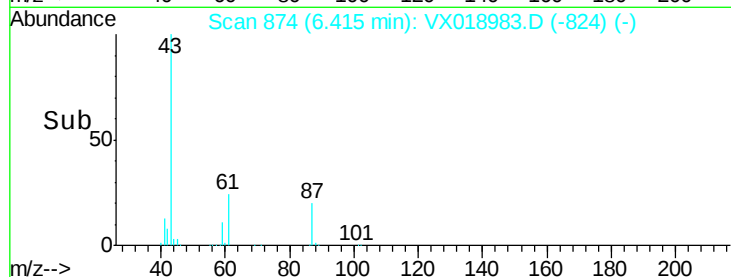
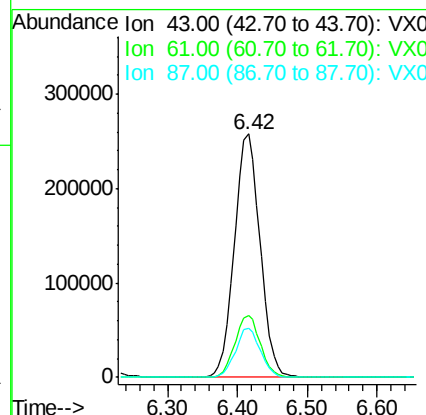
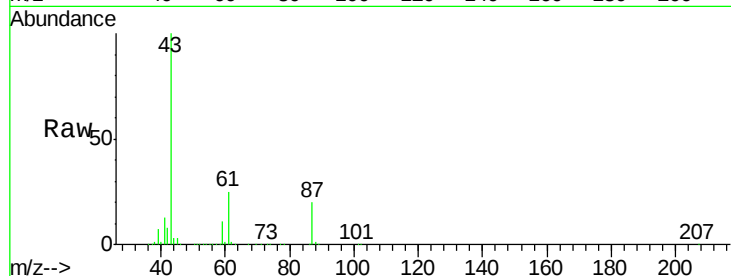
ClientSampleId :

VSTDIC150

Tot Ion:	43	Resp:	655891
Ion	Ratio	Lower	Upper
43	100		
61	25.2	19.3	28.9
87	19.6	14.3	21.5

Manual Integrations
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#44

Trichloroethene

Concen: 151.024 ug/l

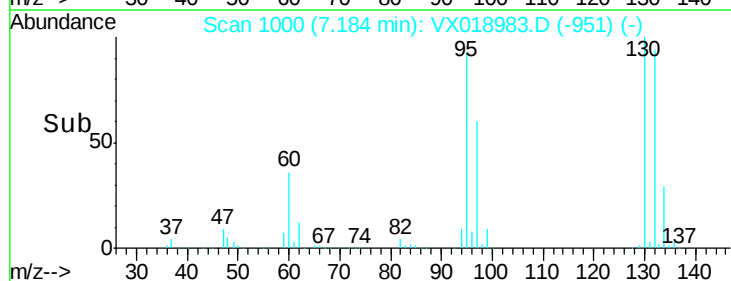
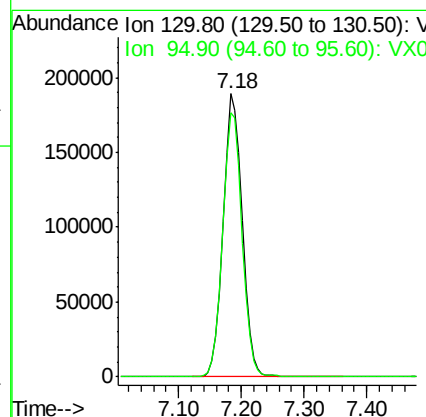
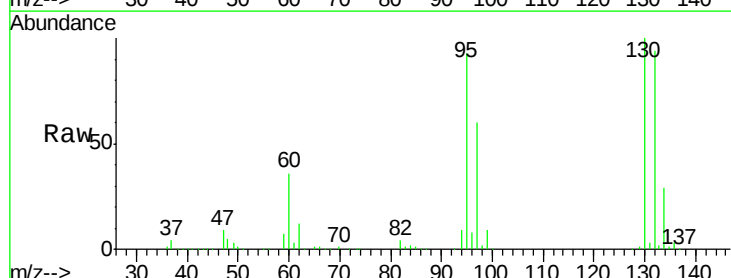
RT: 7.18 min Scan# 1000

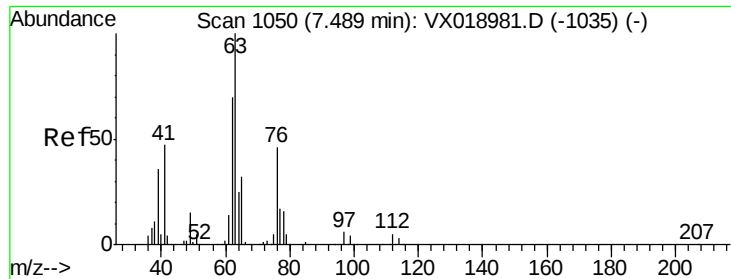
Delta R.T. -0.00 min

Lab File: VX018983.D

Acq: 20 Oct 2020 18:28

Tgt Ion:	130	Resp:	399504
Ion	Ratio	Lower	Upper
130	100		
95	93.2	0.0	198.2





#45

1,2-Dichloropropane

Concen: 140.718 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX018983.D

Acq: 20 Oct 2020 18:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 63 Resp: 318696

Ion Ratio Lower Upper

63 100

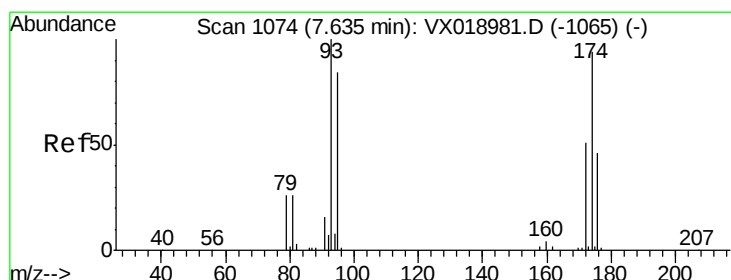
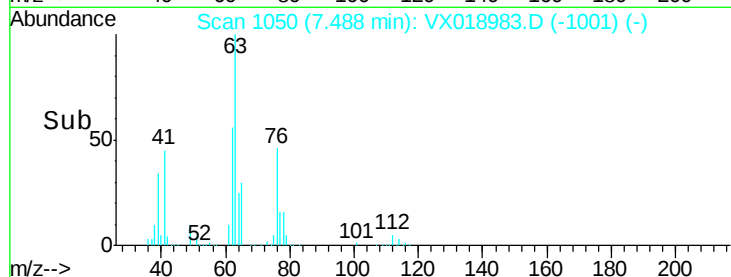
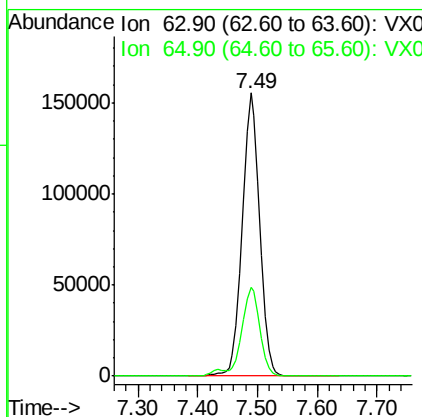
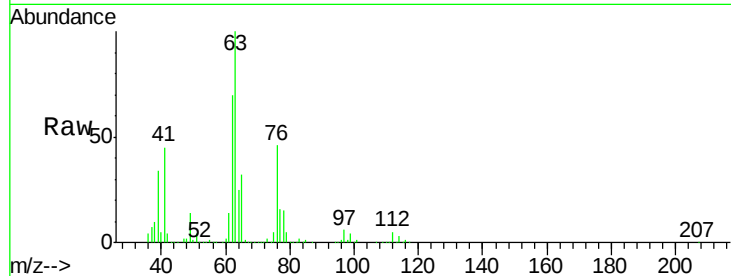
65 31.6 25.8 38.6

Manual Integrations

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#46

Dibromomethane

Concen: 148.991 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VX018983.D

Acq: 20 Oct 2020 18:28

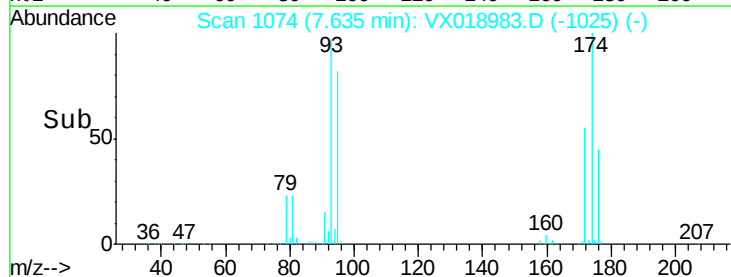
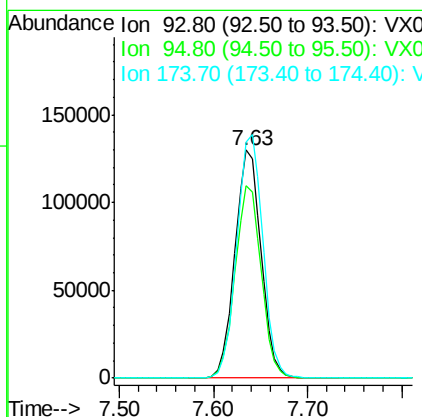
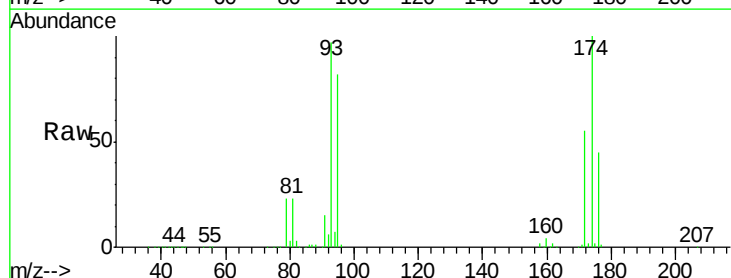
Tgt Ion: 93 Resp: 251174

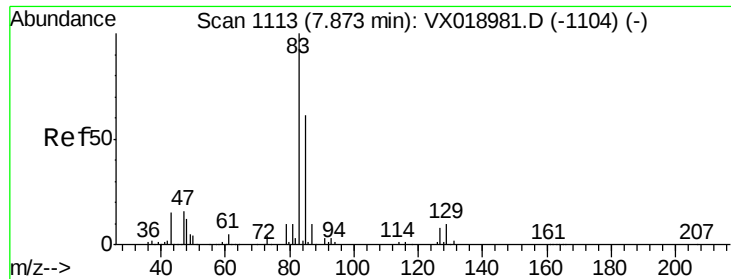
Ion Ratio Lower Upper

93 100

95 84.4 66.2 99.4

174 106.7 74.5 111.7





#47

Bromodichloromethane

Concen: 149.962 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX018983.D

Acq: 20 Oct 2020 18:28

Instrument :

MSVOA_X

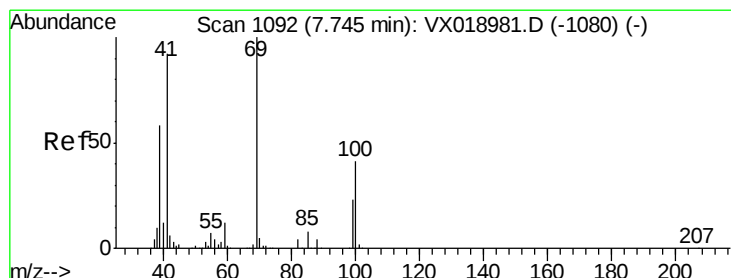
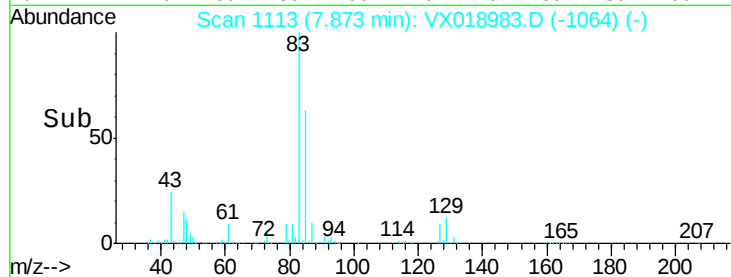
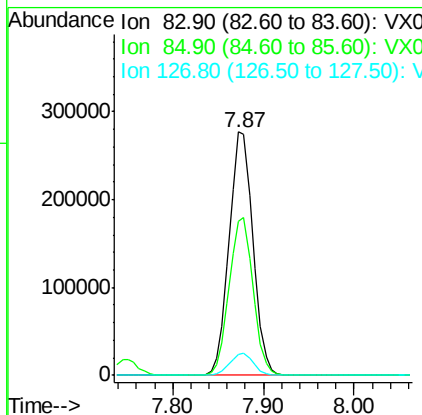
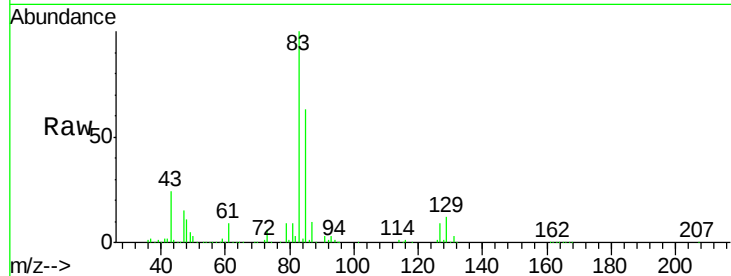
ClientSampleId :

VSTDIC150

Tot Ion:	83	Resp:	507251
Ion Ratio	Lower	Upper	
83	100		
85	63.0	48.6	73.0
127	8.7	6.3	9.5

Manual Integrations
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#48

Methyl methacrylate

Concen: 140.750 ug/l

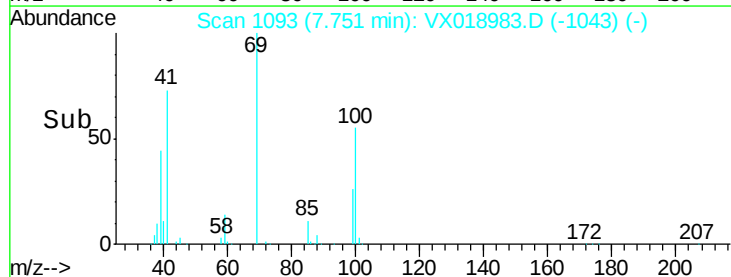
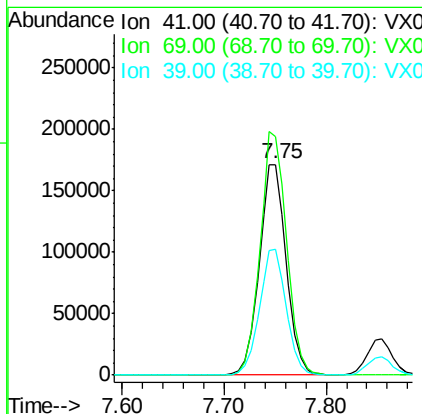
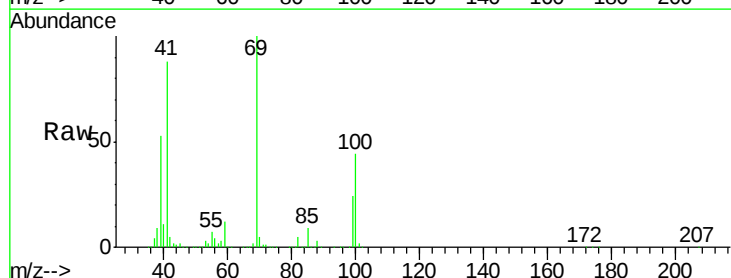
RT: 7.75 min Scan# 1093

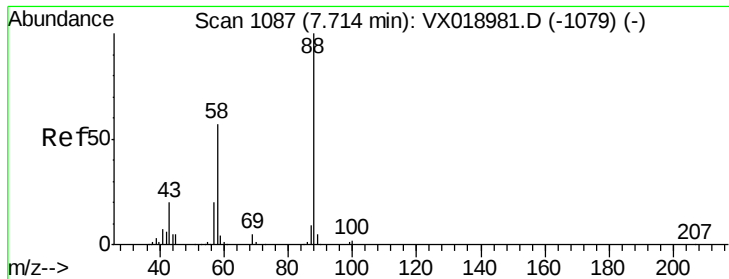
Delta R.T. 0.01 min

Lab File: VX018983.D

Acq: 20 Oct 2020 18:28

Tgt Ion:	41	Resp:	314292
Ion Ratio	Lower	Upper	
41	100		
69	114.1	88.0	132.0
39	59.4	49.9	74.9





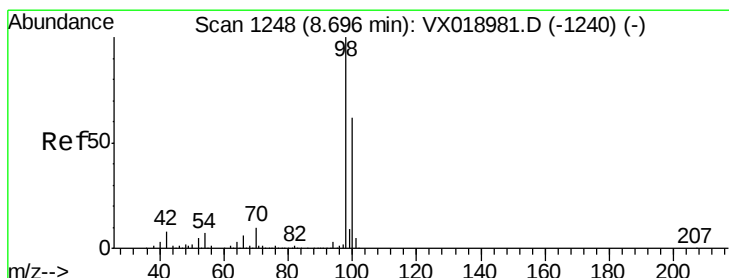
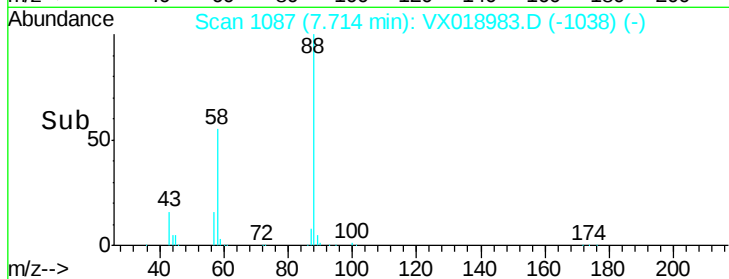
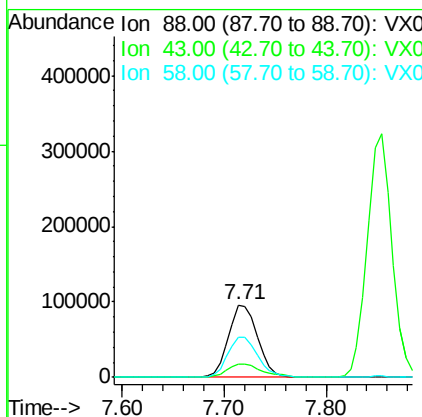
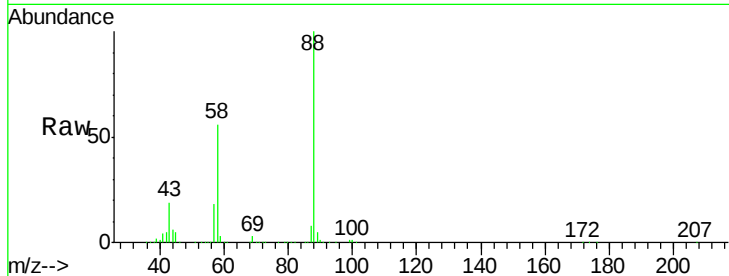
#49
1,4-Dioxane
Concen: 3377.058 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX018983.D
Acq: 20 Oct 2020 18:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
88	100	189313		
43	22.8	20.4	30.6	
58	57.8	49.3	73.9	

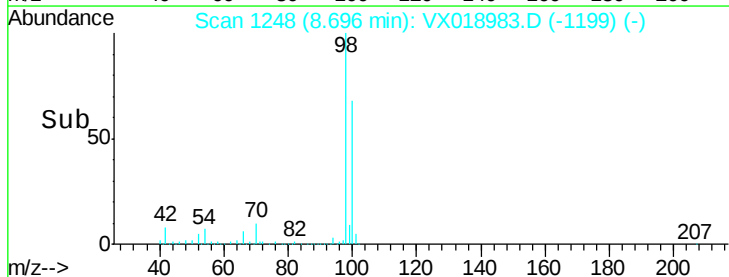
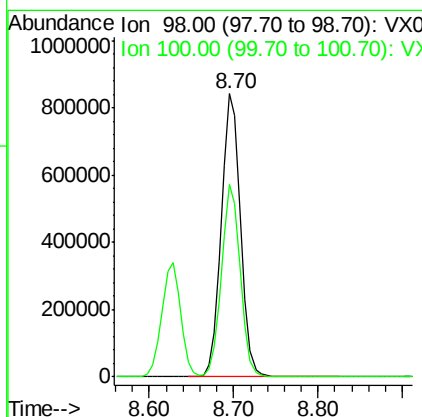
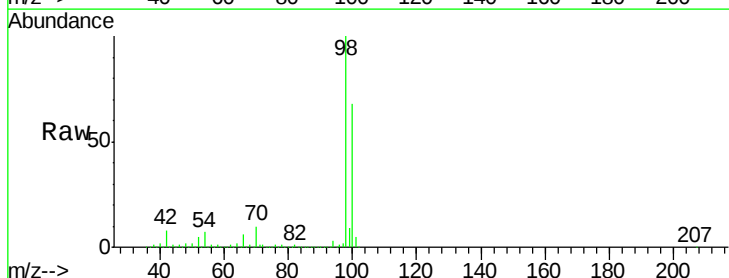
Manual Integrations
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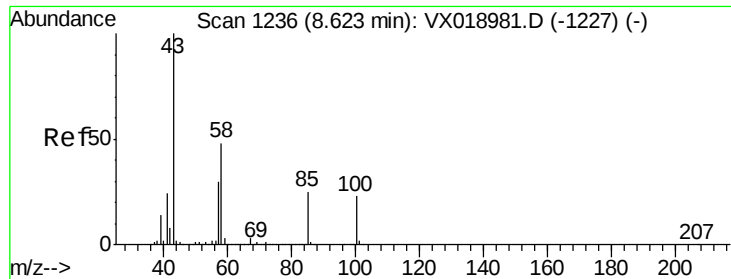
MMDadoda
10/21/2020 1:05:06 PM



#50
Toluene-d8
Concen: 152.768 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018983.D
Acq: 20 Oct 2020 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	1326552		
100	66.7	52.6	78.8	





#51

4-Methyl-2-Pentanone

Concen: 741.881 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX018983.D

Acq: 20 Oct 2020 18:28

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

Tot Ion: 43 Resp: 2106226

Ion Ratio Lower Upper

43 100

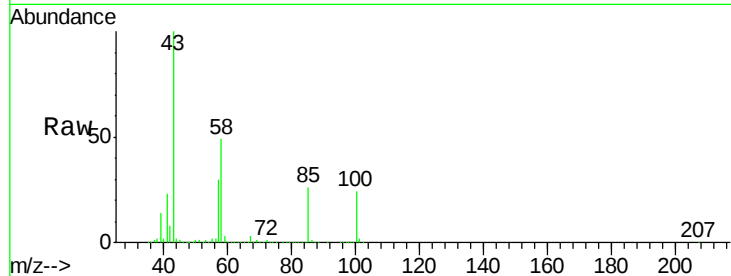
58 48.9 37.8 56.8

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

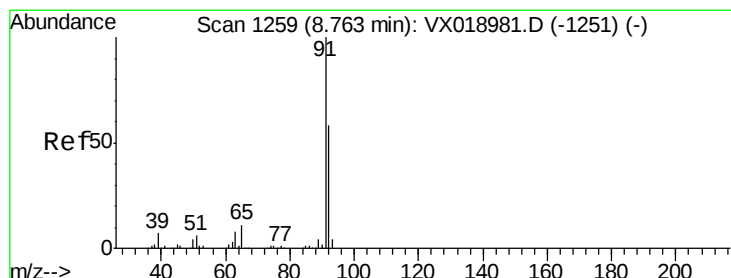
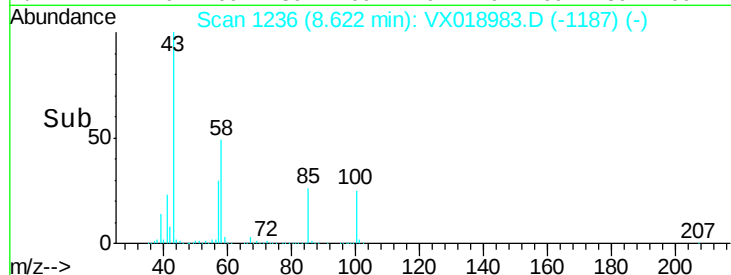
1500000

1000000

500000

0

Time--> 8.50 8.60 8.70



#52

Toluene

Concen: 151.495 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX018983.D

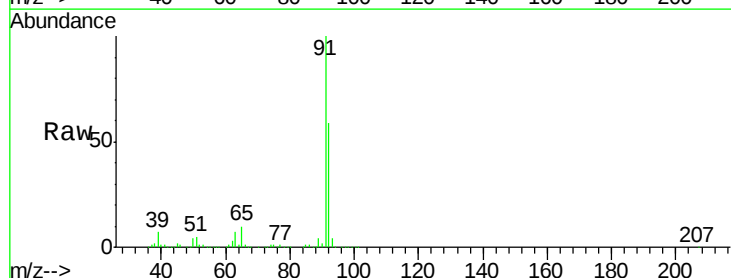
Acq: 20 Oct 2020 18:28

Tgt Ion: 92 Resp: 932091

Ion Ratio Lower Upper

92 100

91 169.9 136.5 204.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

1200000

1000000

800000

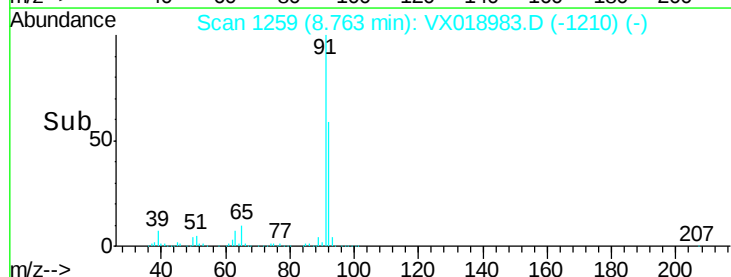
600000

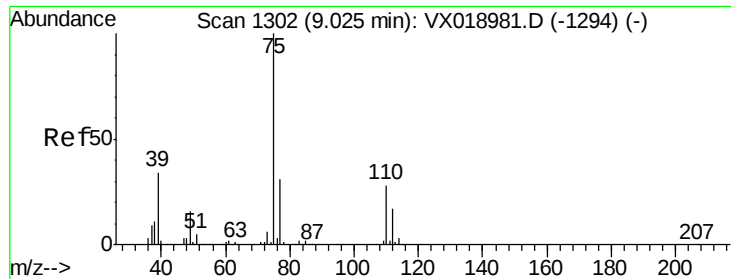
400000

200000

0

Time--> 8.70 8.80 8.90





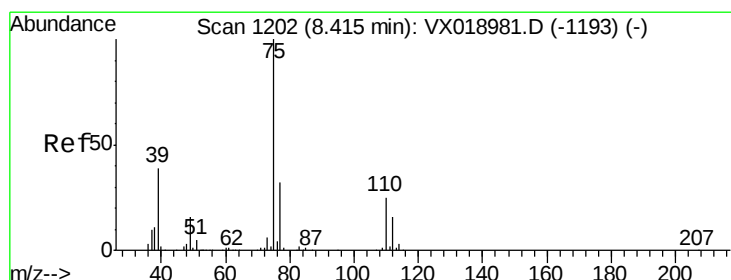
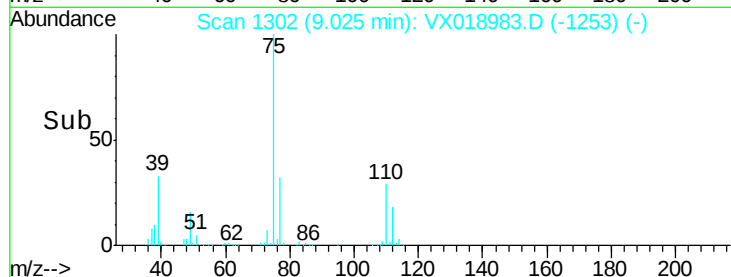
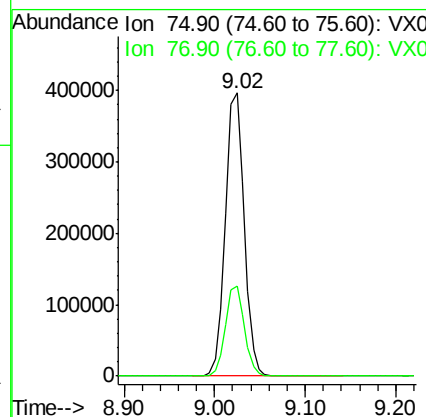
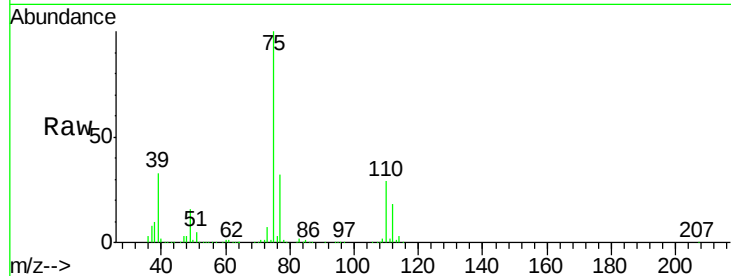
#53
t-1,3-Dichloropropene
Concen: 150.734 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX018983.D
Acq: 20 Oct 2020 18:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 75 Resp: 576828
Ion Ratio Lower Upper
75 100
77 31.7 25.0 37.6

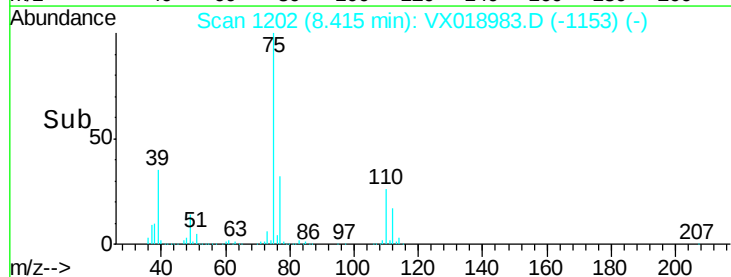
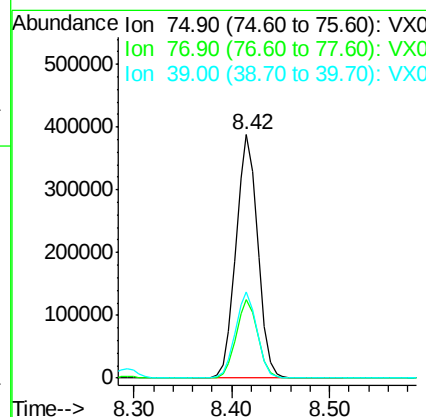
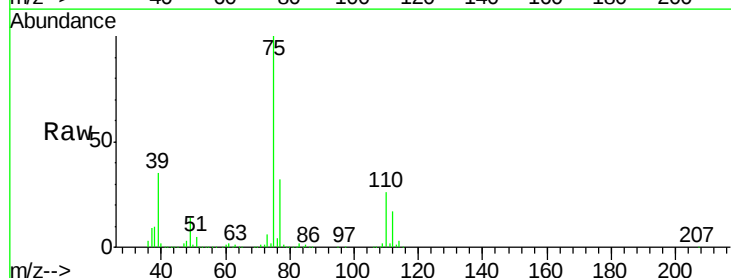
Manual Integrations
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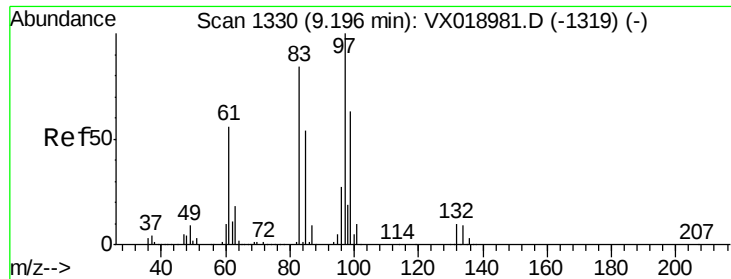
MMDadoda
10/21/2020 1:05:06 PM



#54
cis-1,3-Dichloropropene
Concen: 148.120 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX018983.D
Acq: 20 Oct 2020 18:28

Tgt Ion: 75 Resp: 597854
Ion Ratio Lower Upper
75 100
77 32.4 25.4 38.0
39 35.3 31.3 46.9





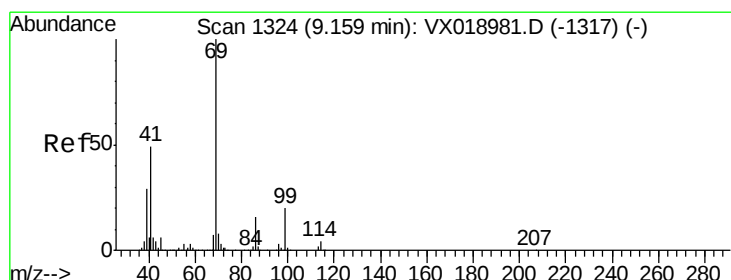
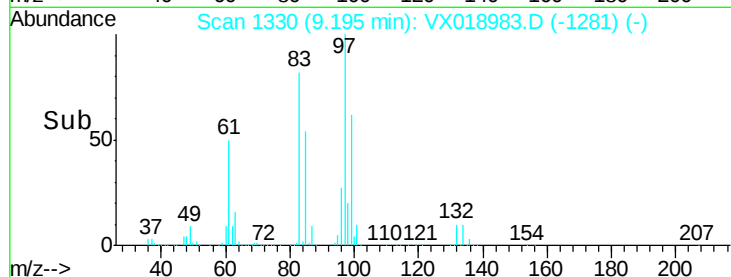
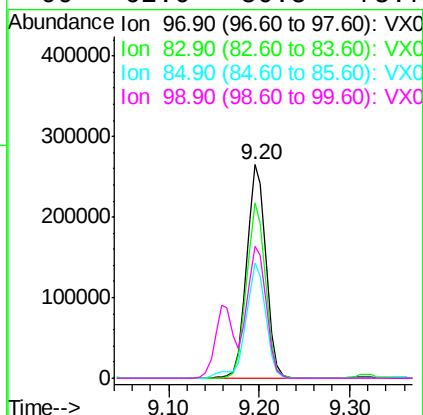
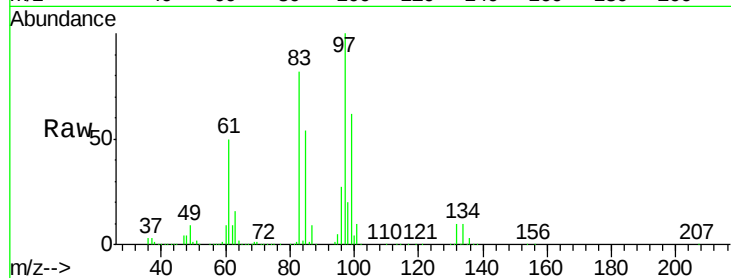
#55
 1,1,2-Trichloroethane
 Concen: 157.864 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX018983.D
 Acq: 20 Oct 2020 18:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		389151		
83	82.3	67.4	101.0		
85	53.8	43.1	64.7		
99	62.0	50.5	75.7		

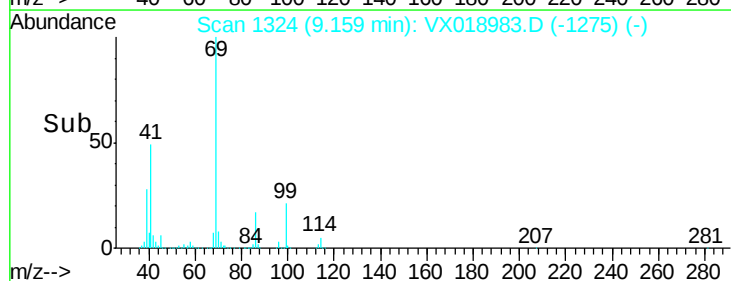
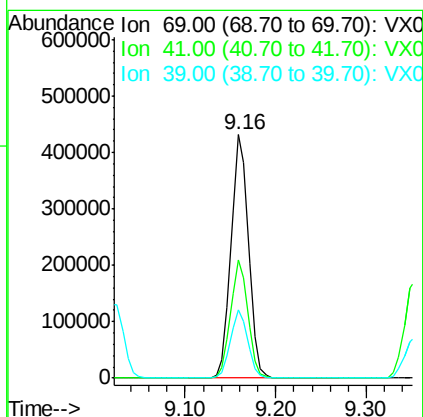
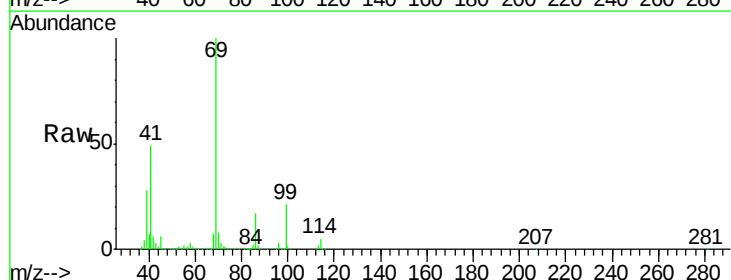
Manual Integrations
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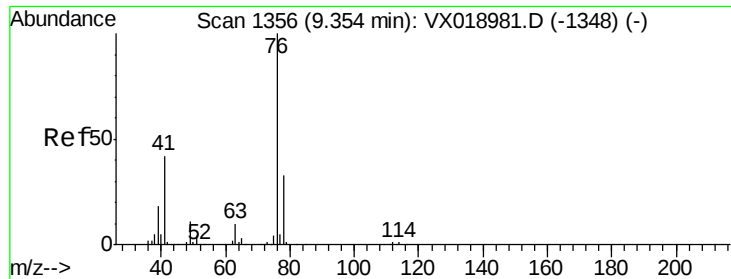
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#56
 Ethyl methacrylate
 Concen: 156.576 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX018983.D
 Acq: 20 Oct 2020 18:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		579090		
41	48.1	39.8	59.6		
39	27.7	23.8	35.6		





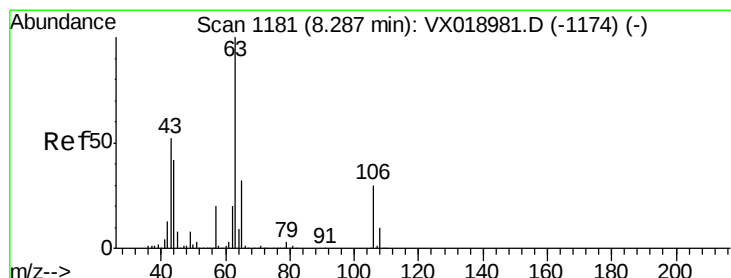
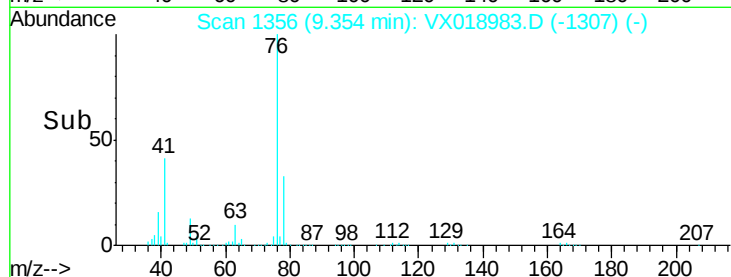
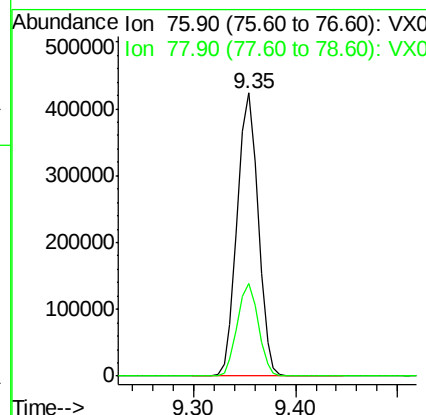
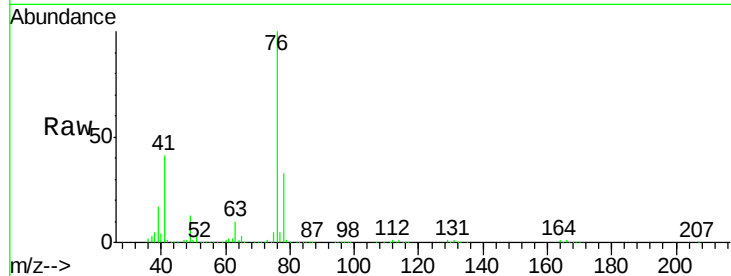
#57
 1,3-Dichloropropane
 Concen: 148.089 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX018983.D
 Acq: 20 Oct 2020 18:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.8	26.1	39.1

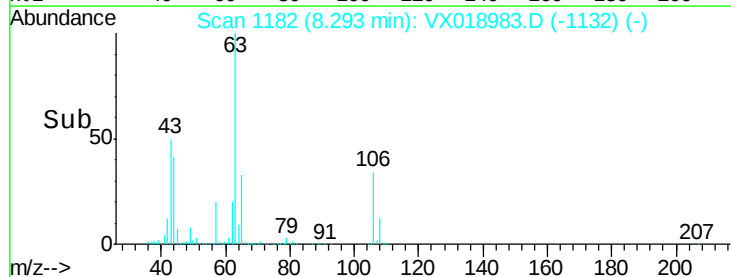
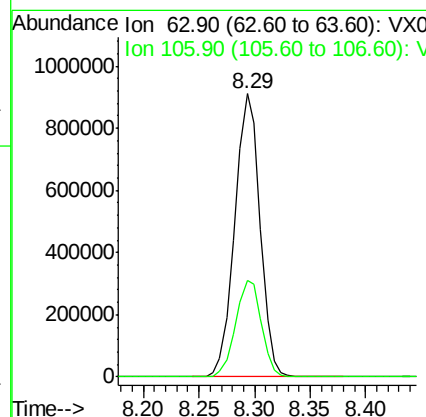
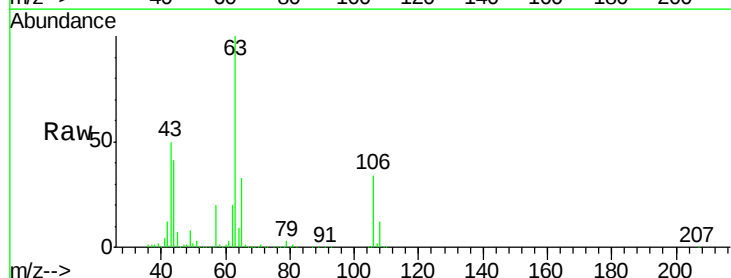
Manual Integrations
 APPROVED

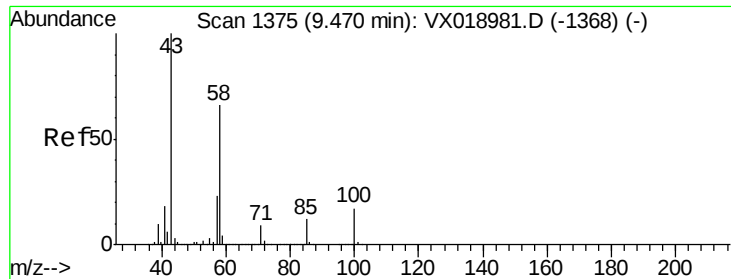
MMDadoda
 10/21/2020 1:05:06 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 761.556 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: VX018983.D
 Acq: 20 Oct 2020 18:28

Tgt Ion	Ratio	Lower	Upper
63	100		
106	34.8	25.0	37.4





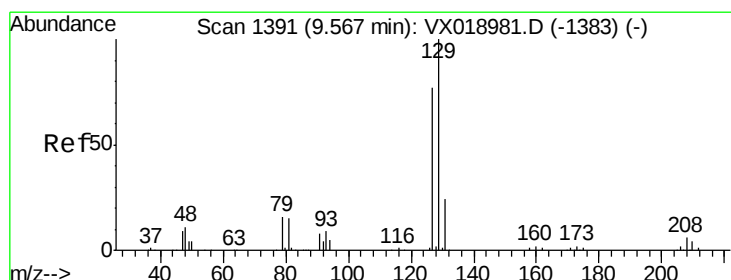
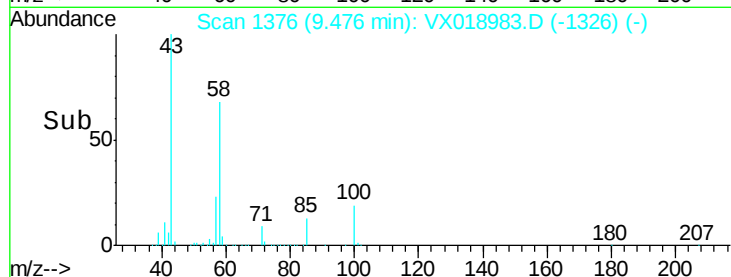
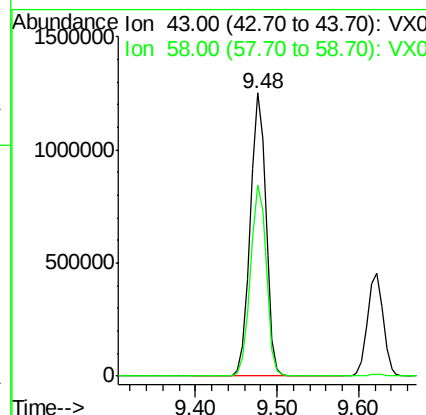
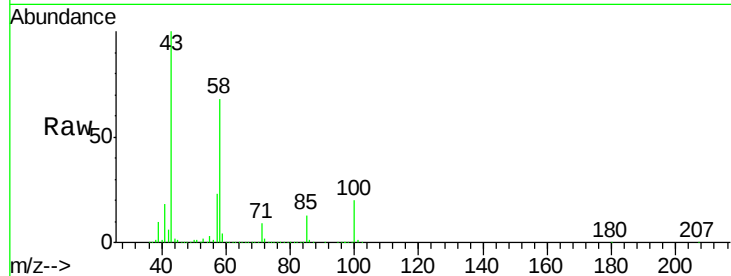
#59
2-Hexanone
Concen: 758.796 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX018983.D
Acq: 20 Oct 2020 18:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 1667594
Ion Ratio Lower Upper
43 100
58 68.1 33.0 99.0

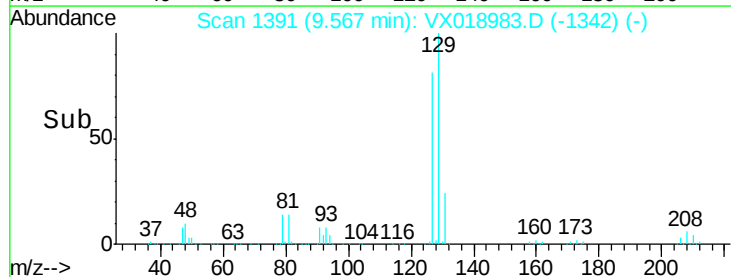
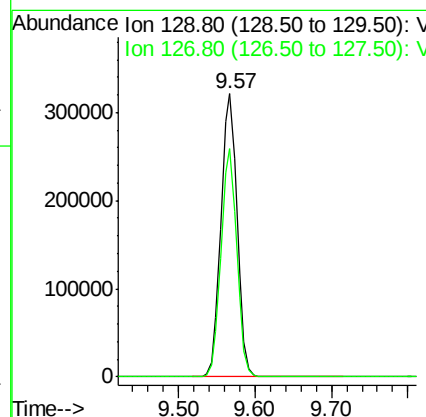
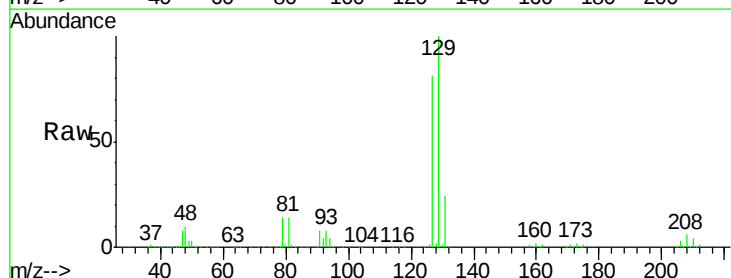
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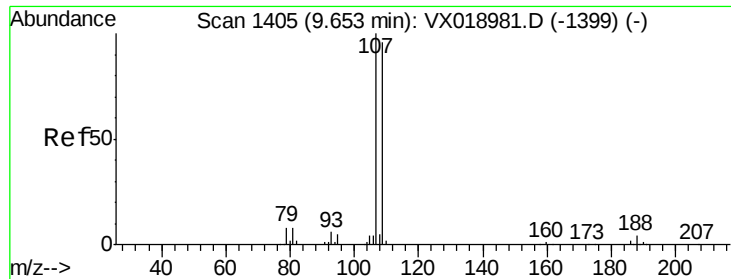
MMDadoda
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#60
Dibromochloromethane
Concen: 170.212 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX018983.D
Acq: 20 Oct 2020 18:28

Tgt Ion: 129 Resp: 470824
Ion Ratio Lower Upper
129 100
127 78.4 38.8 116.4





#61

1,2-Dibromoethane

Concen: 162.792 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018983.D

Acq: 20 Oct 2020 18:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:107 Resp: 430011

Ion Ratio Lower Upper

107 100

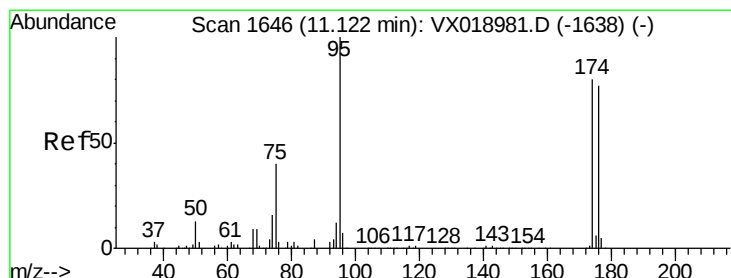
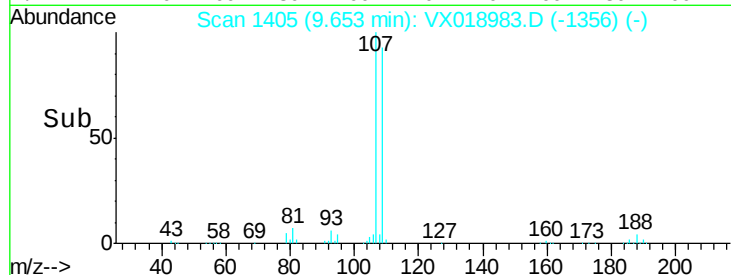
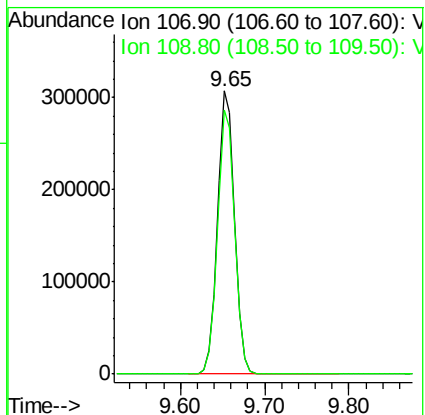
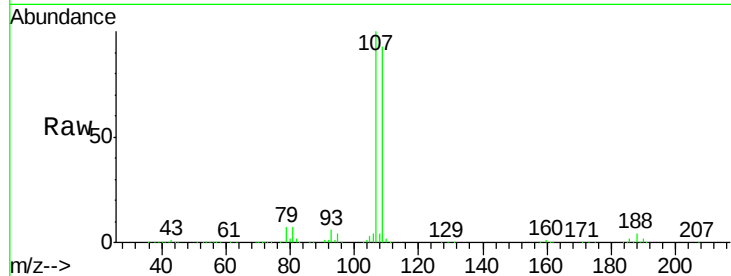
109 94.6 76.6 115.0

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#62

4-Bromofluorobenzene

Concen: 164.232 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018983.D

Acq: 20 Oct 2020 18:28

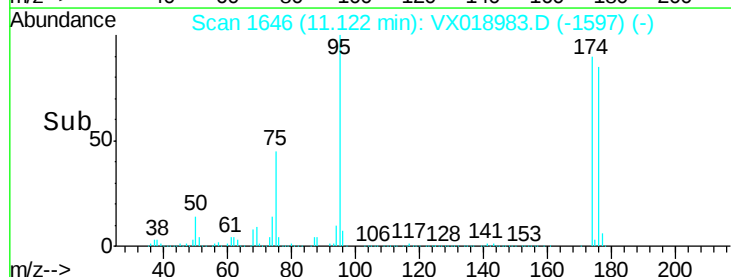
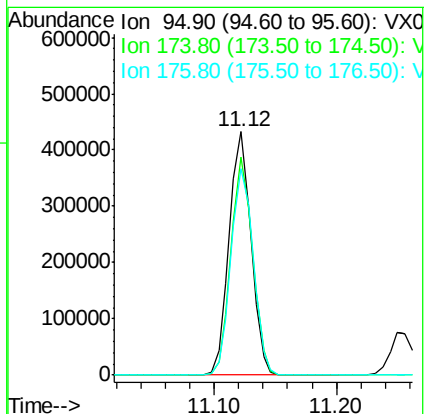
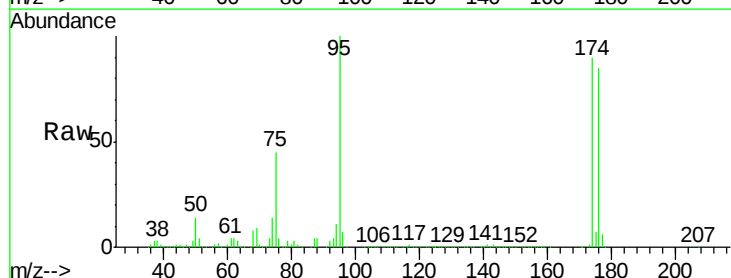
Tgt Ion: 95 Resp: 533503

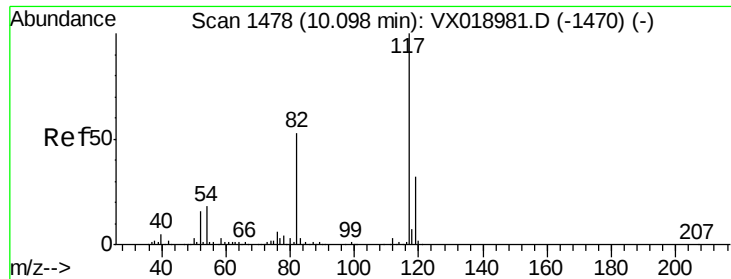
Ion Ratio Lower Upper

95 100

174 88.9 0.0 159.8

176 86.7 0.0 152.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX018983.D

Acq: 20 Oct 2020 18:28

Instrument :

MSVOA_X

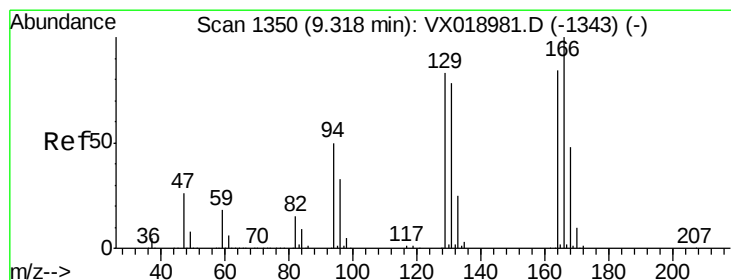
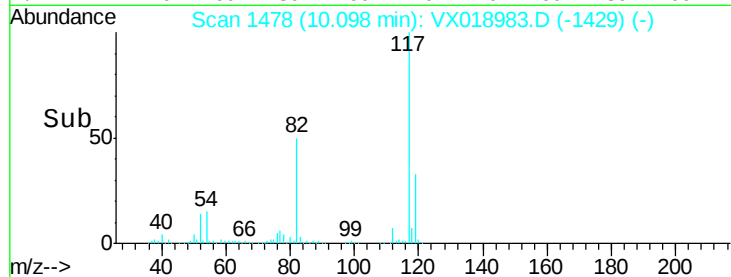
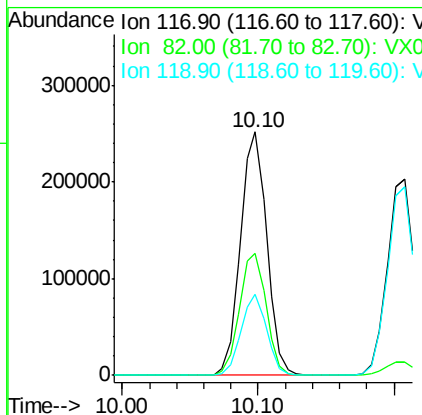
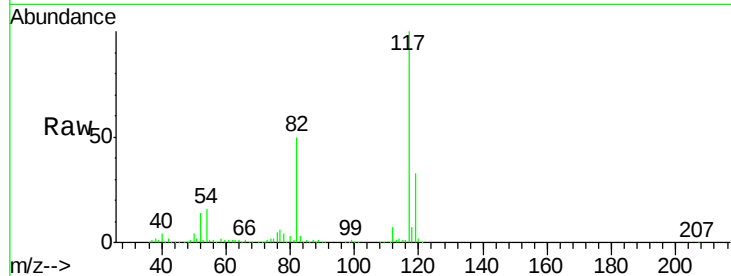
ClientSampleId :

VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
117	100	339732		
82	50.1	42.2	63.4	
119	33.3	25.8	38.8	

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#64

Tetrachloroethene

Concen: 128.500 ug/l

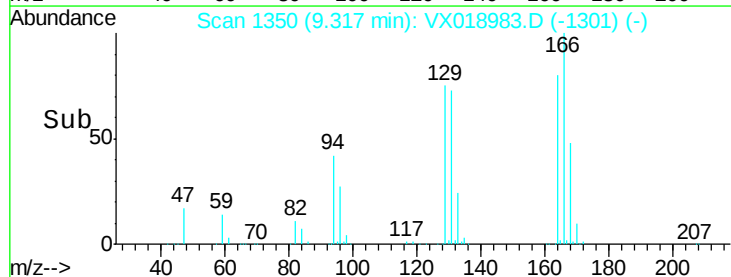
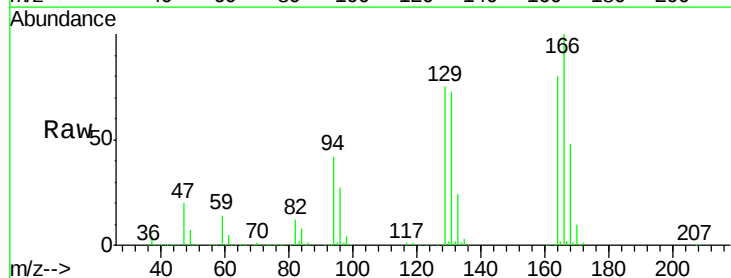
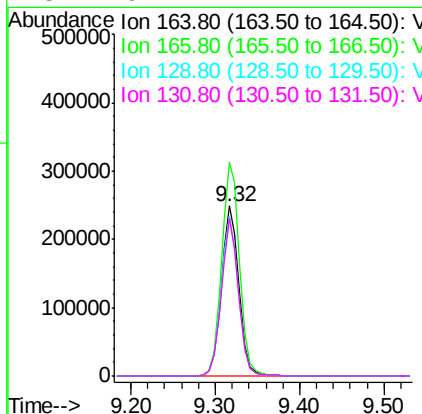
RT: 9.32 min Scan# 1350

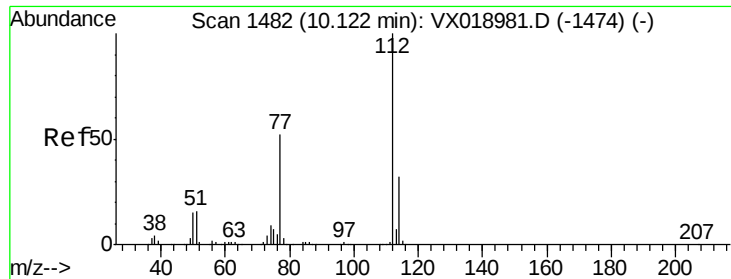
Delta R.T. -0.00 min

Lab File: VX018983.D

Acq: 20 Oct 2020 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	353940		
166	125.6	95.2	142.8	
129	94.3	79.4	119.0	
131	92.2	74.2	111.2	





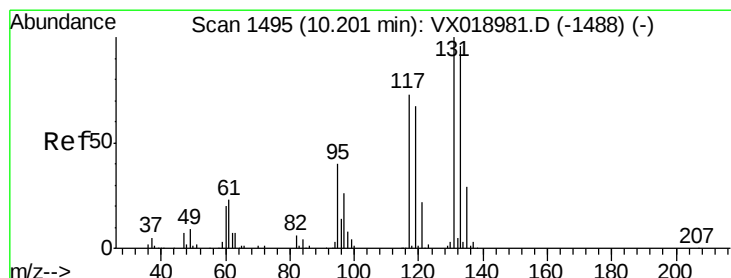
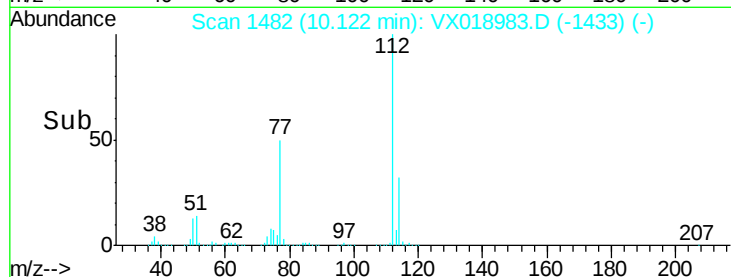
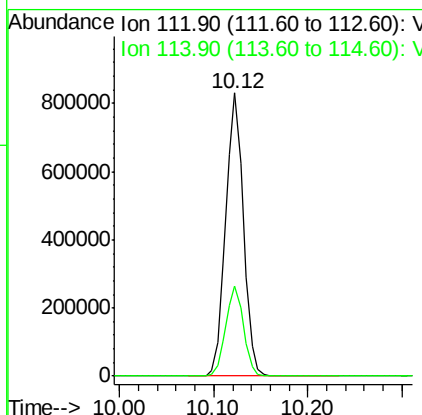
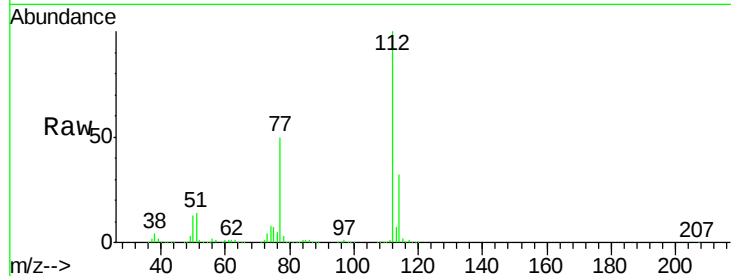
#65
Chlorobenzene
Concen: 151.015 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX018983.D
Acq: 20 Oct 2020 18:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:112 Resp: 1086944
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.6

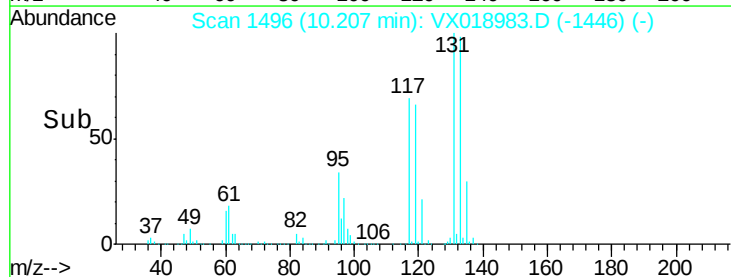
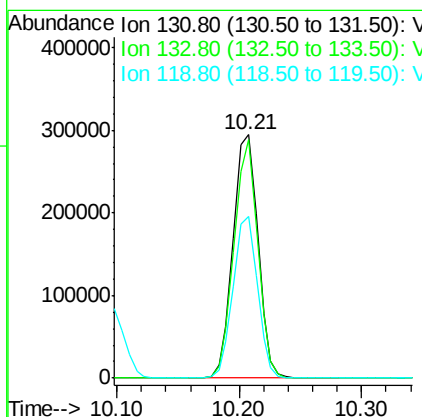
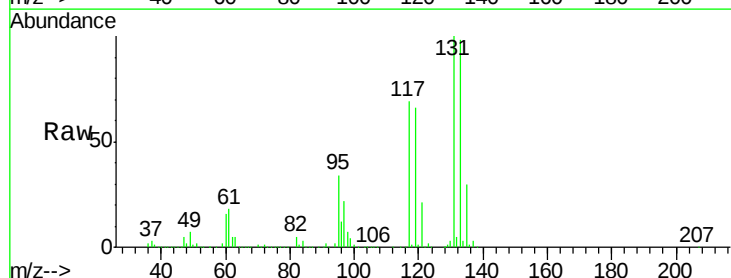
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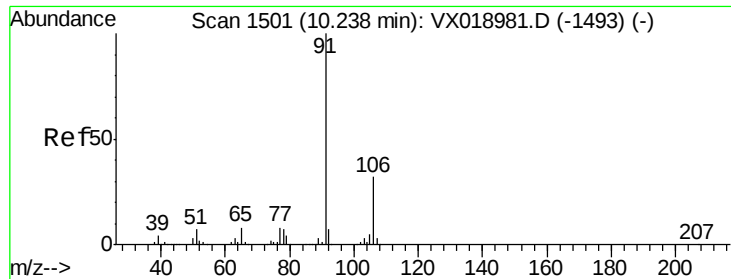
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#66
1,1,1,2-Tetrachloroethane
Concen: 159.082 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.01 min
Lab File: VX018983.D
Acq: 20 Oct 2020 18:28

Tgt Ion:131 Resp: 414834
Ion Ratio Lower Upper
131 100
133 93.1 48.0 144.2
119 65.4 33.6 100.6





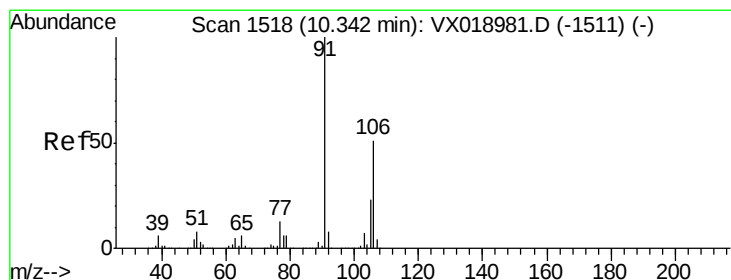
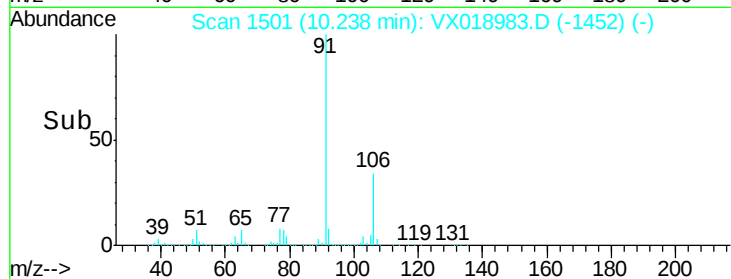
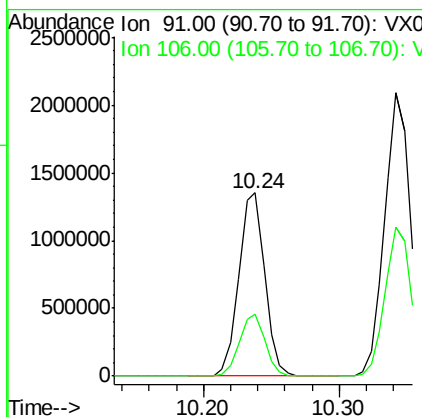
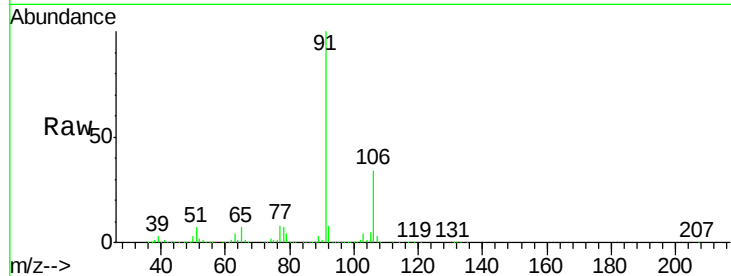
#67
Ethyl Benzene
Concen: 142.454 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX018983.D
Acq: 20 Oct 2020 18:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 91 Resp: 1796067
Ion Ratio Lower Upper
91 100
106 34.0 25.8 38.8

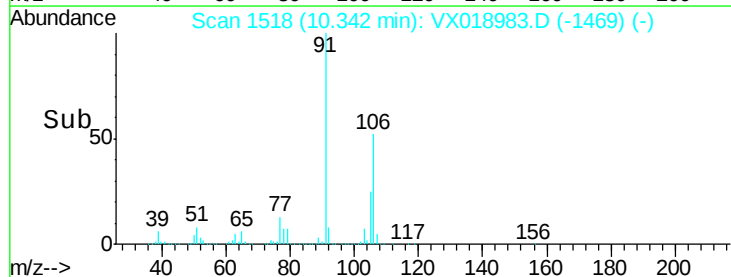
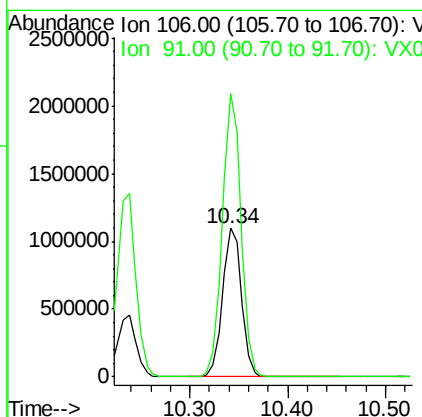
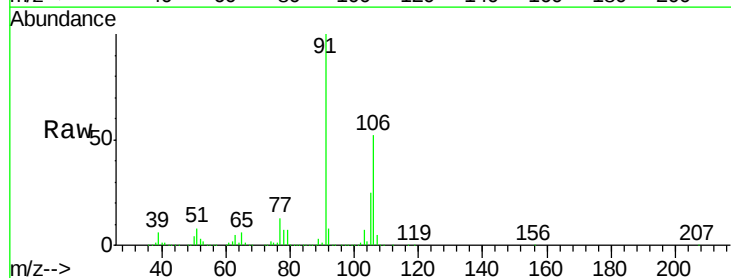
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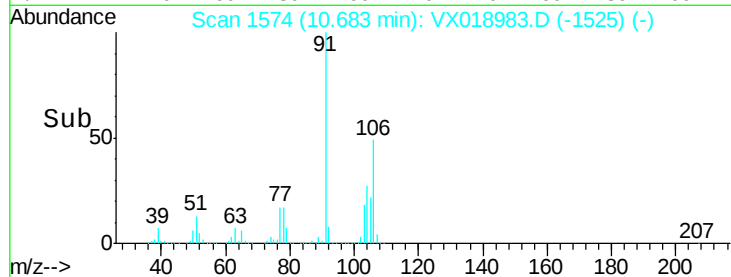
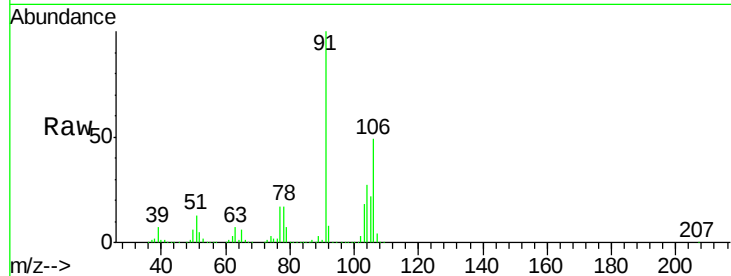
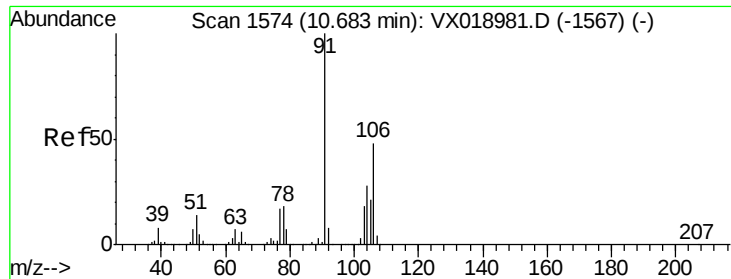
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#68
m/p-Xylenes
Concen: 298.453 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018983.D
Acq: 20 Oct 2020 18:28

Tgt Ion: 106 Resp: 1469168
Ion Ratio Lower Upper
106 100
91 188.4 157.9 236.9





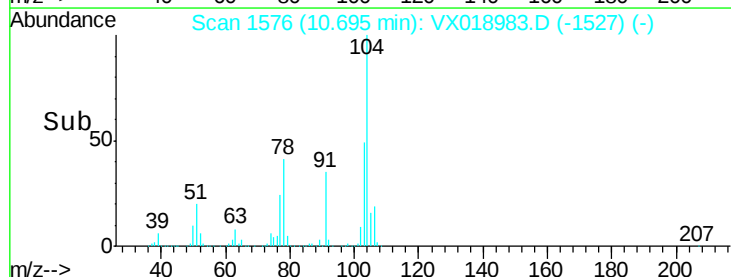
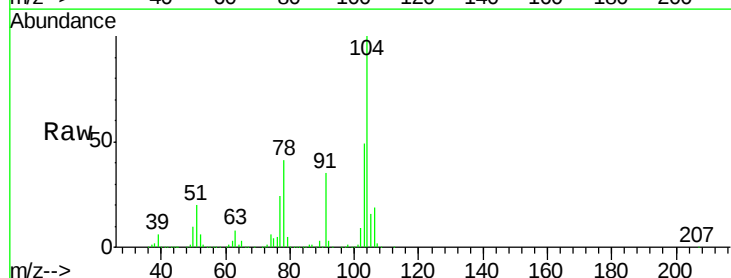
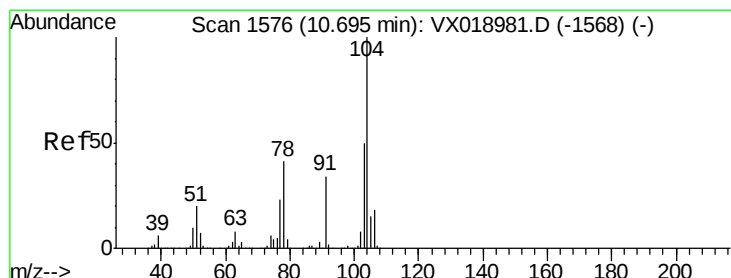
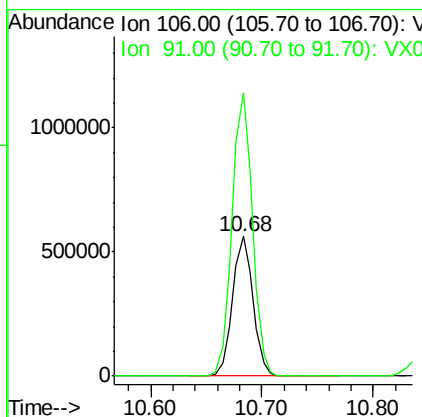
#69
o-Xylene
Concen: 152.748 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018983.D
Acq: 20 Oct 2020 18:28

Tot Ion	Ratio	Resp	Lower	Upper
106	100	711448		
91	203.1	105.5	316.5	

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

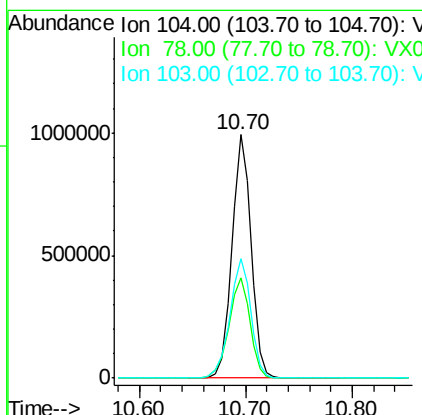
Manual Integrations
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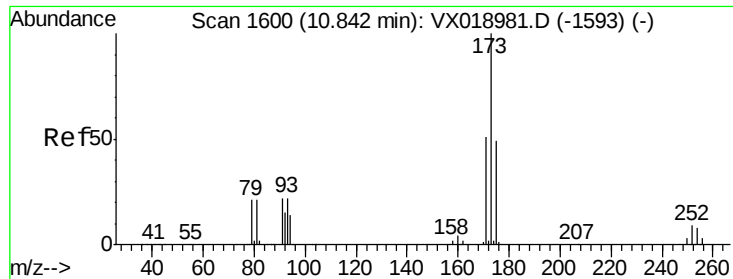
MMDadoda
10/21/2020 1:05:06 PM



#70
Styrene
Concen: 157.219 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018983.D
Acq: 20 Oct 2020 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	1250206		
78	45.5	37.4	56.0	
103	53.9	43.7	65.5	





#71

Bromoform

Concen: 190.105 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018983.D

Acq: 20 Oct 2020 18:28

Instrument :

MSVOA_X

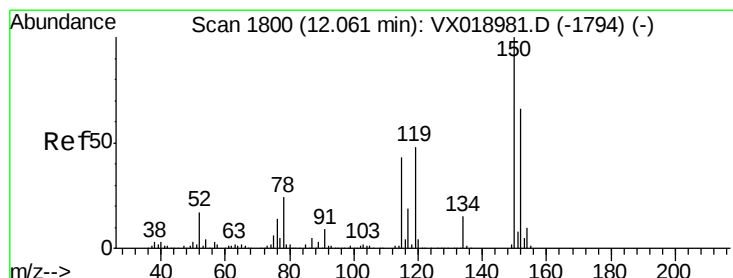
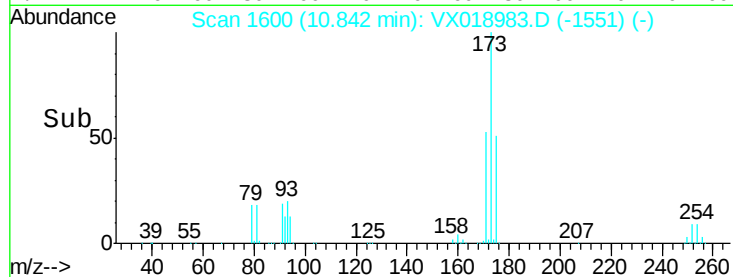
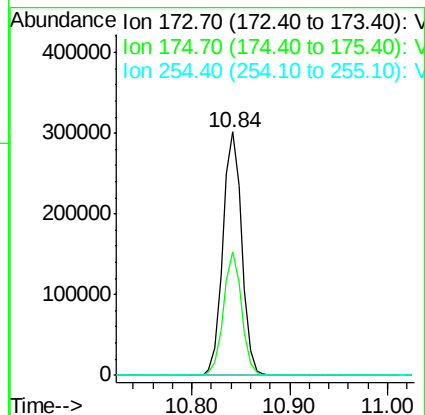
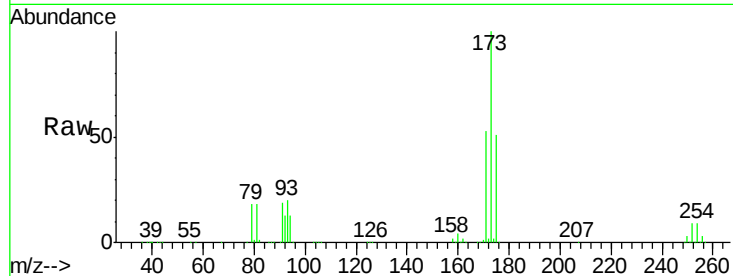
ClientSampleId :

VSTDIC150

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.8	74.4
254	0.1	0.1	0.1#

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

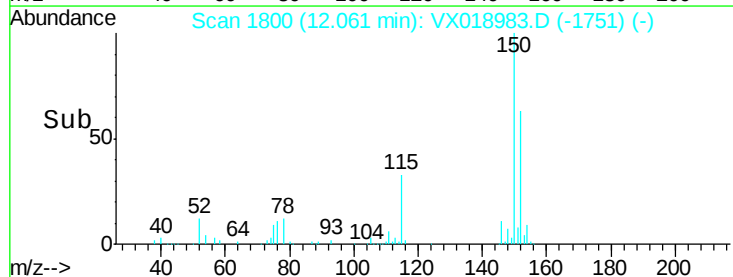
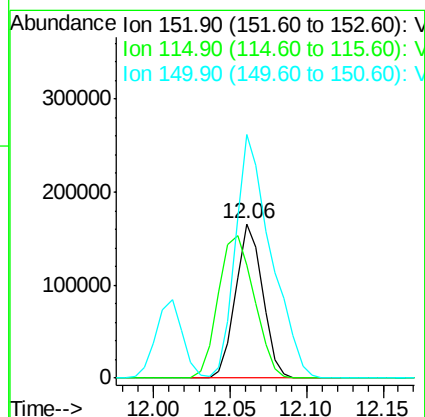
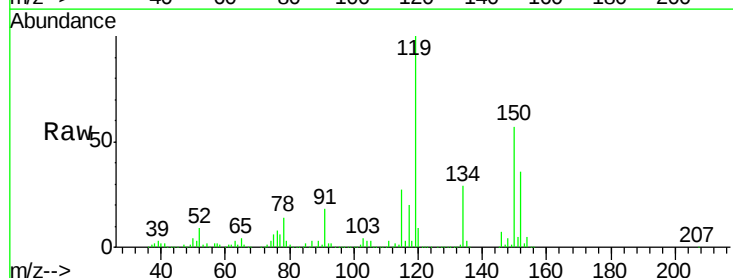
RT: 12.06 min Scan# 1800

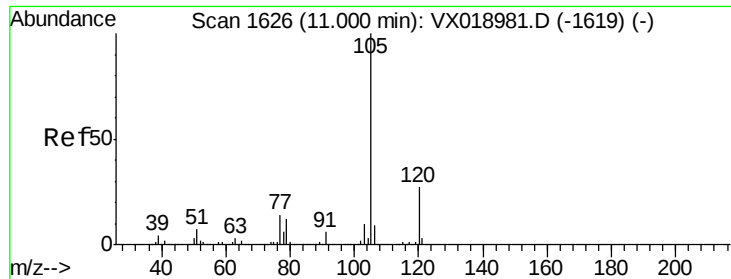
Delta R.T. -0.00 min

Lab File: VX018983.D

Acq: 20 Oct 2020 18:28

Tgt Ion	Ratio	Lower	Upper
152	100		
115	122.8	41.2	123.6
150	207.8	0.0	345.6





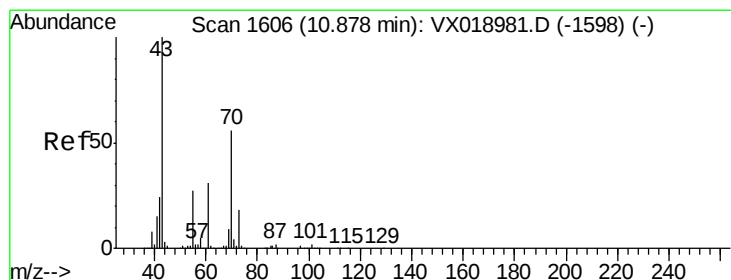
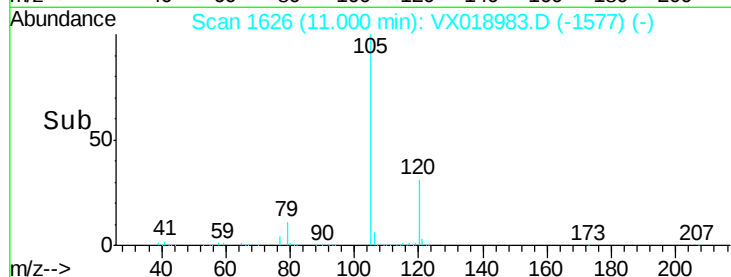
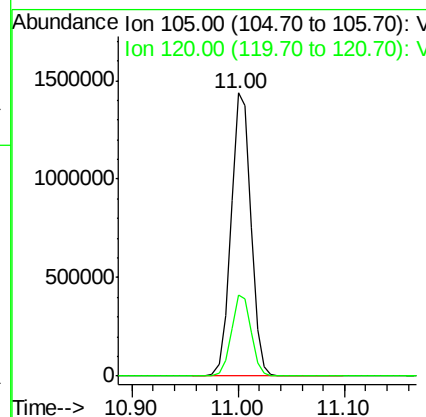
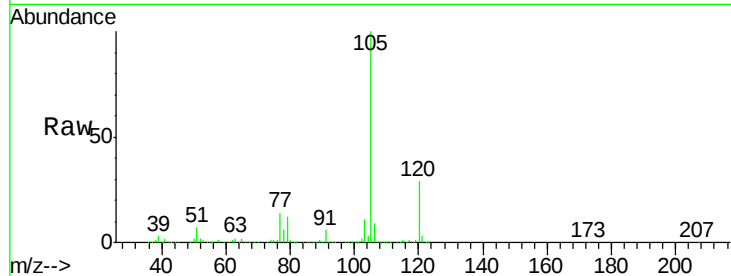
#73
Isopropylbenzene
Concen: 131.804 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VX018983.D
Acq: 20 Oct 2020 18:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:105 Resp: 1879775
Ion Ratio Lower Upper
105 100
120 28.4 13.6 40.7

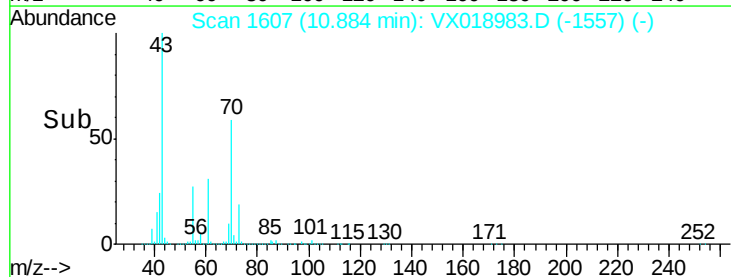
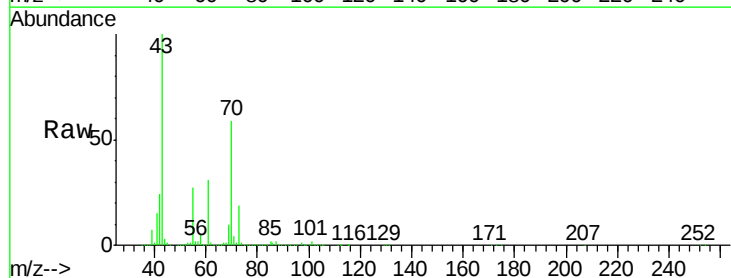
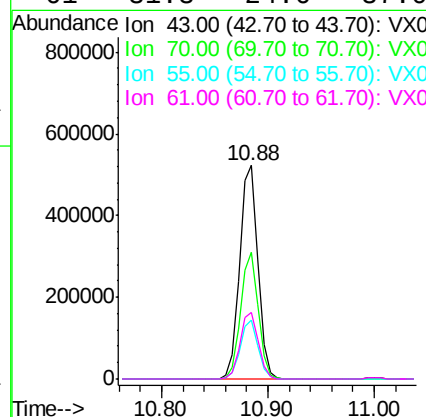
Manual Integrations
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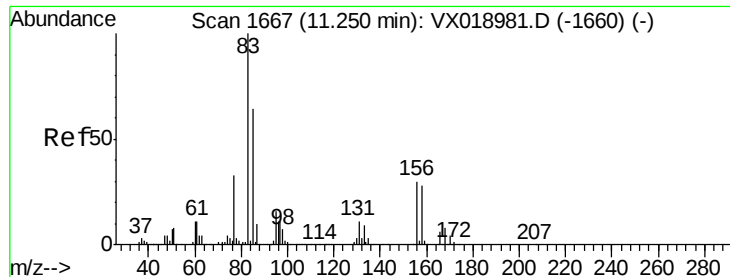
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#74
N-ethyl acetate
Concen: 127.533 ug/l
RT: 10.88 min Scan# 1607
Delta R.T. 0.01 min
Lab File: VX018983.D
Acq: 20 Oct 2020 18:28

Tgt Ion: 43 Resp: 626899
Ion Ratio Lower Upper
43 100
70 57.4 45.9 68.9
55 27.2 21.9 32.9
61 31.3 24.6 37.0





#75

1,1,2,2-Tetrachloroethane

Concen: 139.868 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018983.D

Acq: 20 Oct 2020 18:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 83 Resp: 638760

Ion Ratio Lower Upper

83 100

131 11.3 5.4 16.2

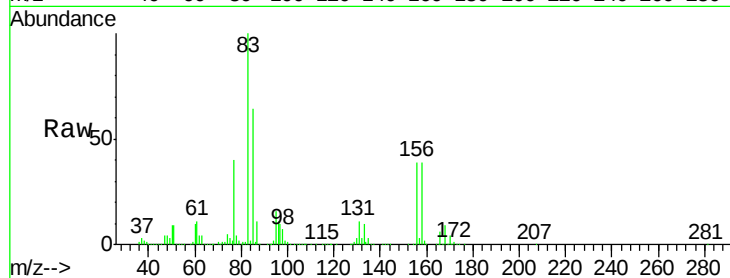
85 64.6 32.2 96.6

Manual Integrations

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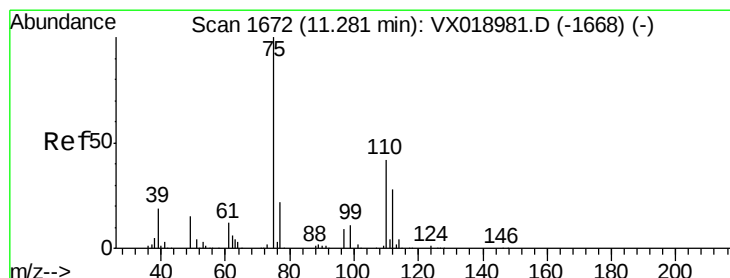
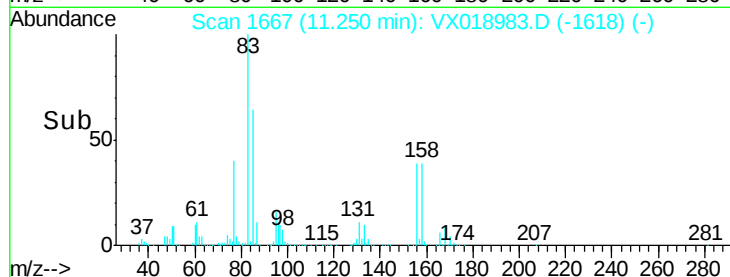
Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0

11.25

Time-->



#76

1,2,3-Trichloropropane

Concen: 133.071 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018983.D

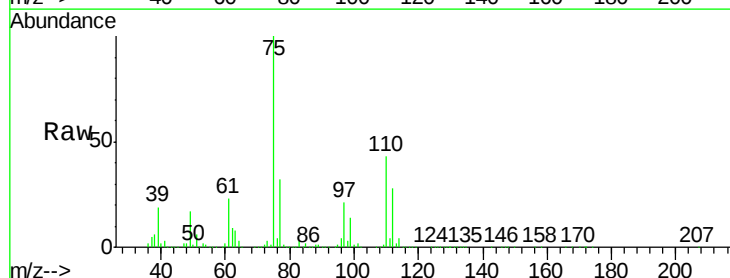
Acq: 20 Oct 2020 18:28

Tgt Ion: 75 Resp: 549906

Ion Ratio Lower Upper

75 100

77 43.5 20.6 61.9

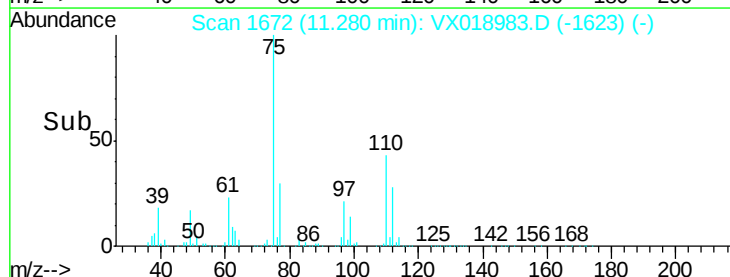


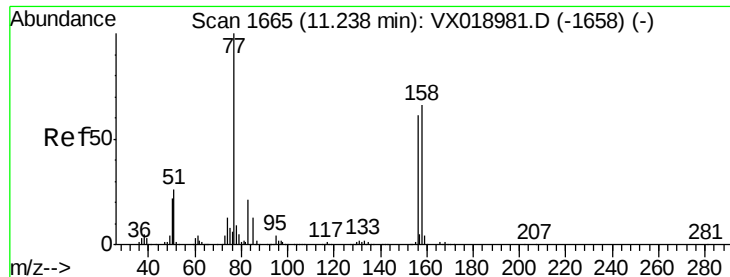
Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

11.28

Time-->





#77

Bromobenzene

Concen: 152.585 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018983.D

Acq: 20 Oct 2020 18:28

Instrument :

MSVOA_X

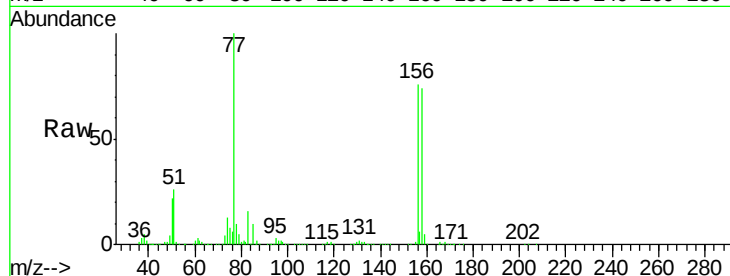
ClientSampleId :

VSTDIC150

Tot Ion	Ratio	Lower	Upper
156	100		
77	131.2	78.5	235.3
158	98.2	50.2	150.6

Manual Integrations
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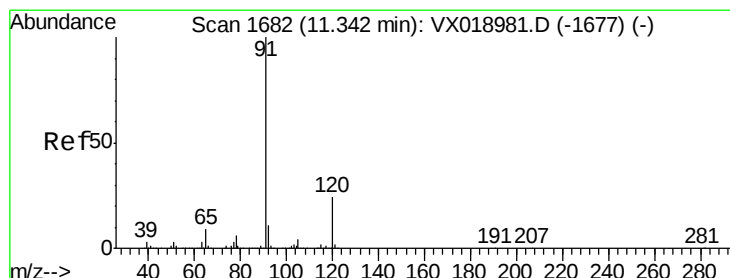
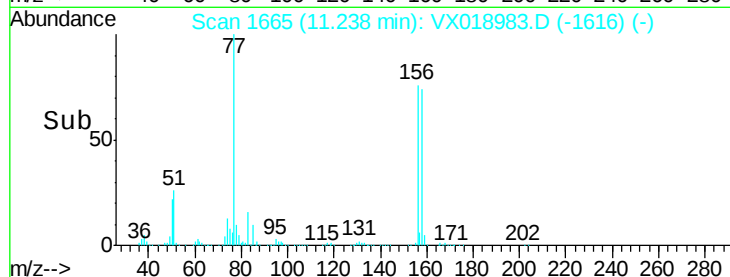
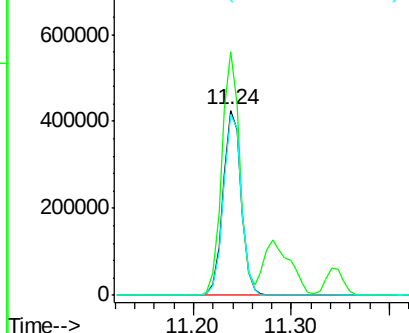
MMDadoda
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 127.126 ug/l

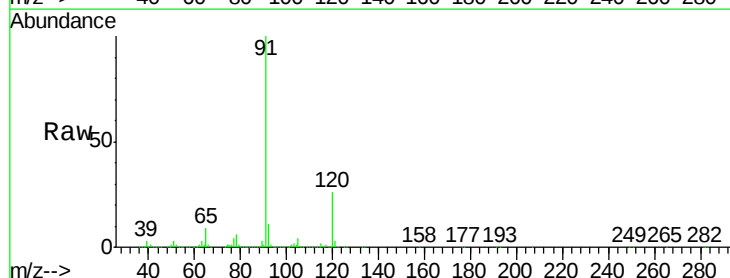
RT: 11.35 min Scan# 1683

Delta R.T. 0.01 min

Lab File: VX018983.D

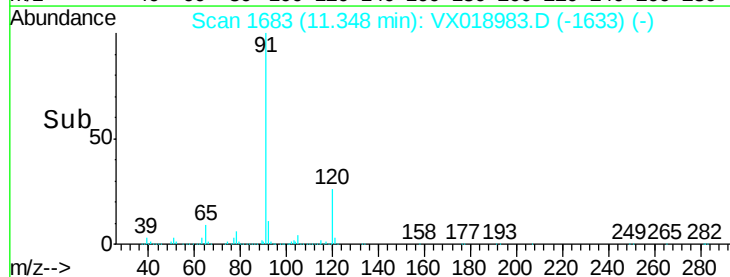
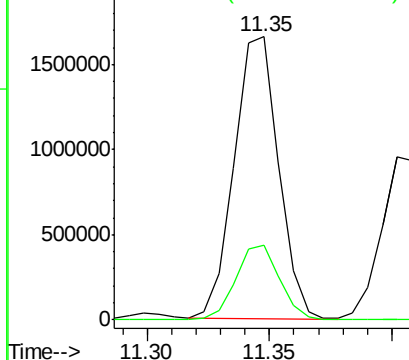
Acq: 20 Oct 2020 18:28

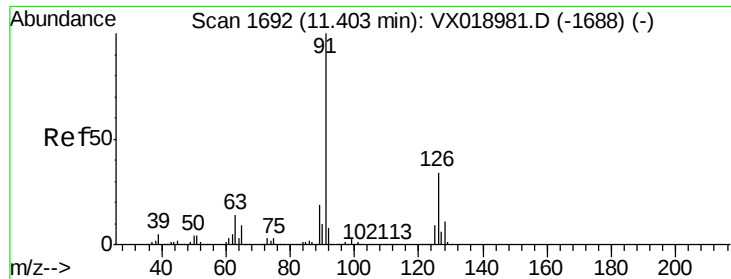
Tgt Ion	Ratio	Lower	Upper
91	100		
120	26.0	12.3	36.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 130.063 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX018983.D

Acq: 20 Oct 2020 18:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 1248820

Ion Ratio Lower Upper

91 100

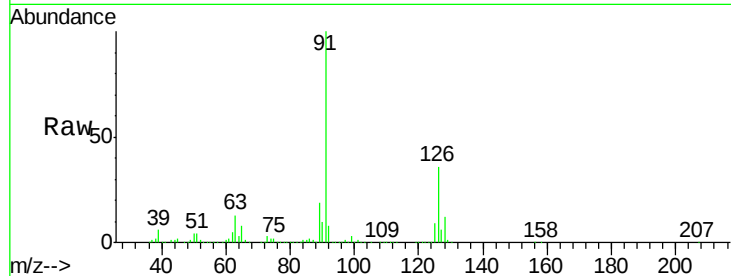
126 37.7 18.0 54.0

Manual Integrations

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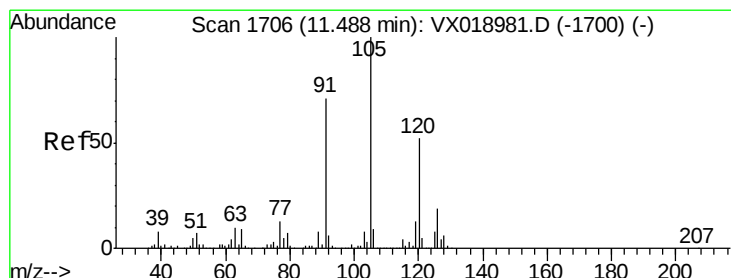
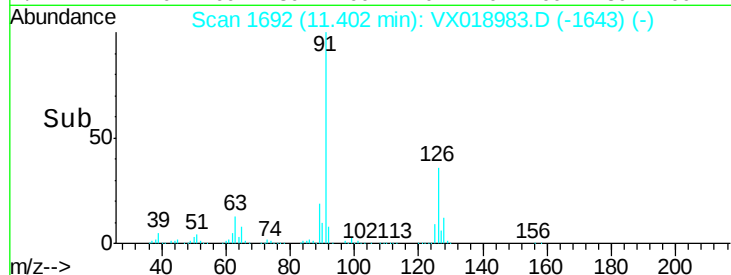
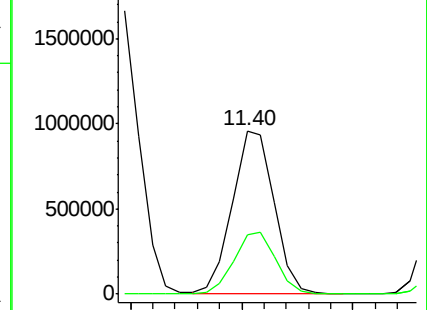
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Abundance Ion 91.00 (90.70 to 91.70): VX018981.D (-1688) (-)

Ion 125.90 (125.60 to 126.60): VX018981.D (-1688) (-)



#80

1,3,5-Trimethylbenzene

Concen: 139.431 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX018983.D

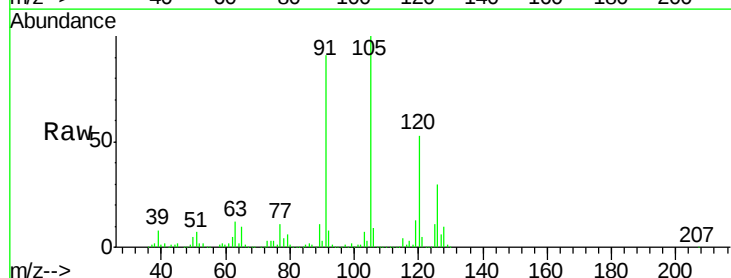
Acq: 20 Oct 2020 18:28

Tgt Ion: 105 Resp: 1687825

Ion Ratio Lower Upper

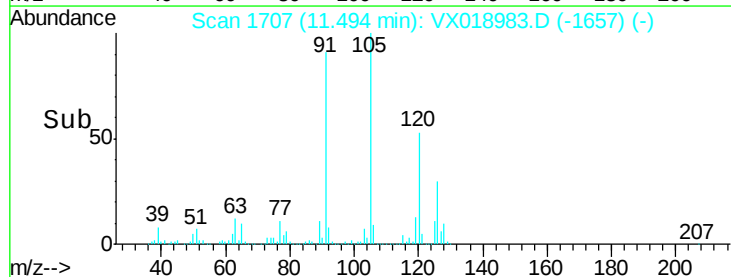
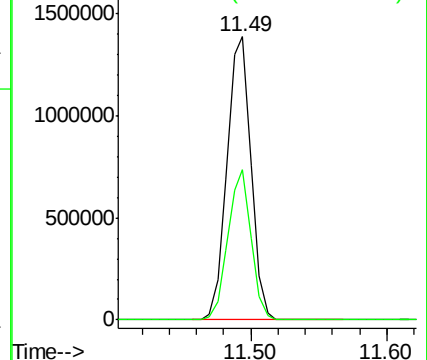
105 100

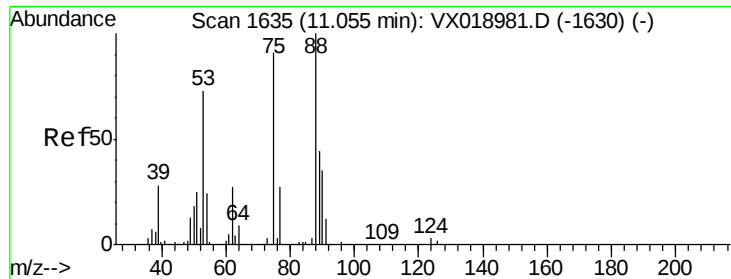
120 51.1 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): VX018981.D (-1700) (-)

Ion 120.00 (119.70 to 120.70): VX018981.D (-1700) (-)





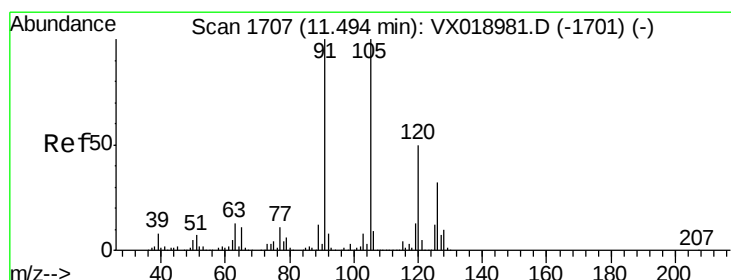
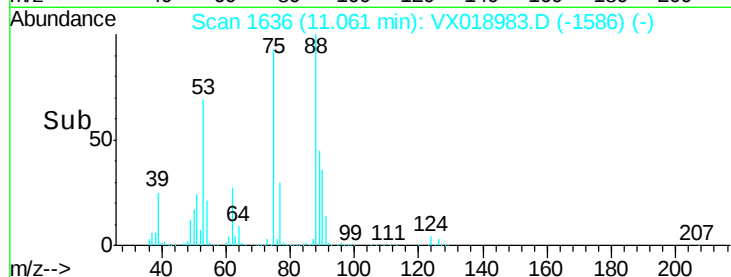
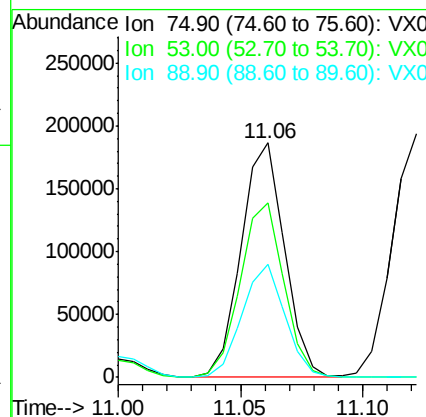
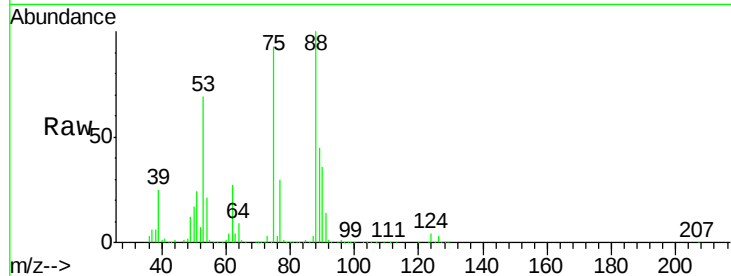
#81
trans-1,4-Dichloro-2-butene
Concen: 137.374 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VX018983.D
Acq: 20 Oct 2020 18:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
75	100	228321		
53	74.9		63.9	95.9
89	48.0		39.9	59.9

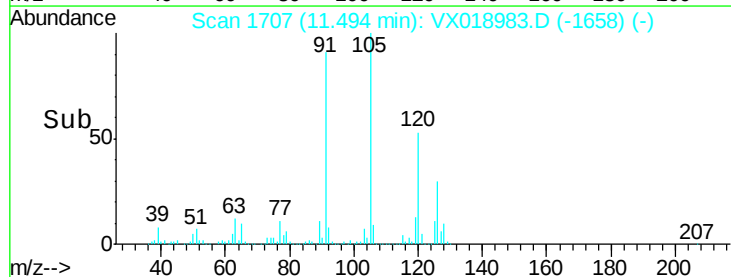
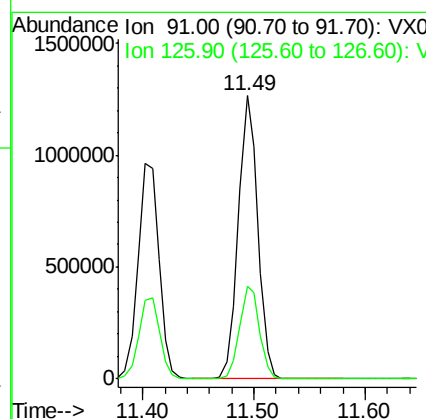
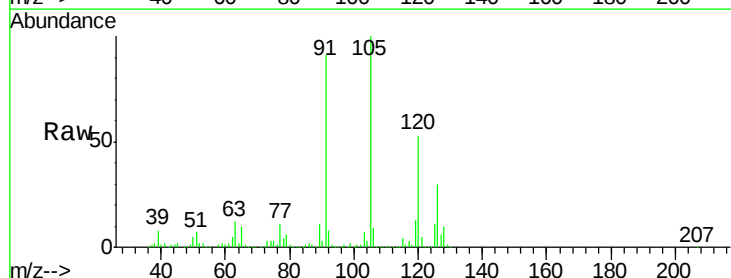
Manual Integrations
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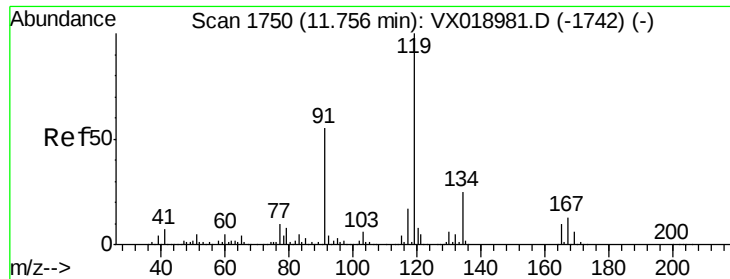
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#82
4-Chlorotoluene
Concen: 133.060 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX018983.D
Acq: 20 Oct 2020 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	1530549		
126	33.2		15.9	47.6





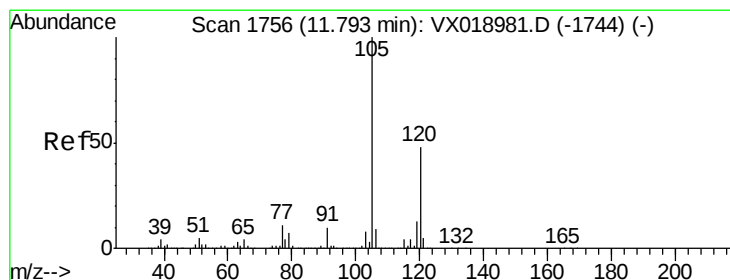
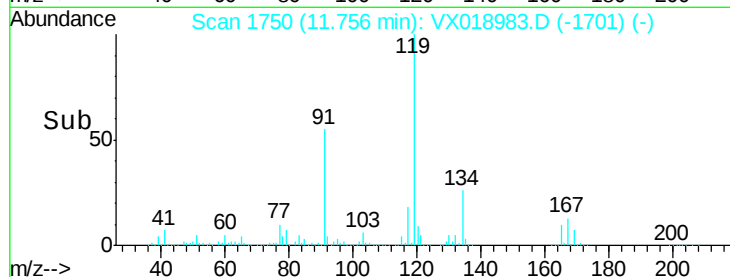
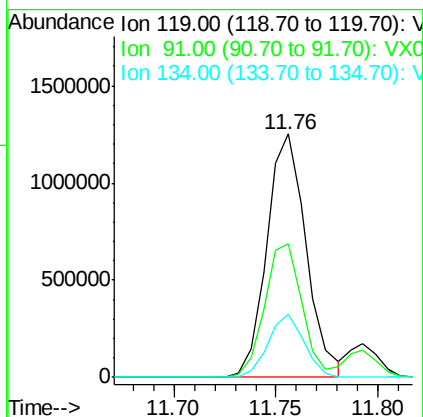
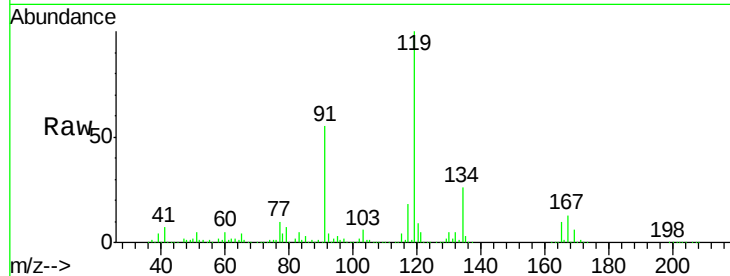
#83
tert-Butylbenzene
Concen: 141.734 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX018983.D
Acq: 20 Oct 2020 18:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
119	100		
91	52.1	27.5	82.4
134	23.9	11.9	35.7

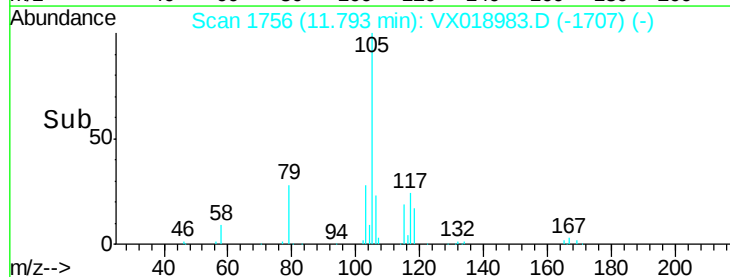
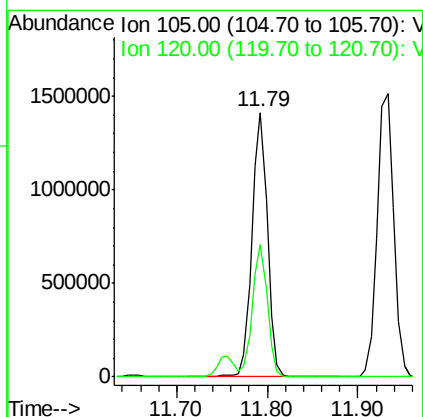
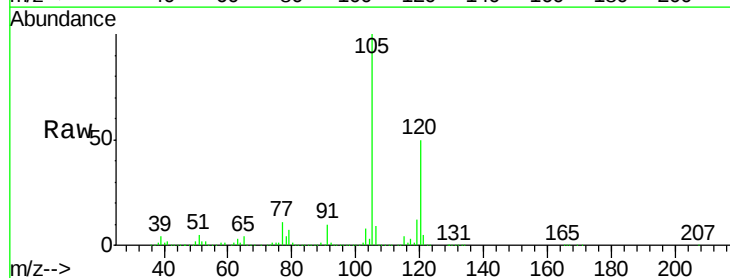
Manual Integrations
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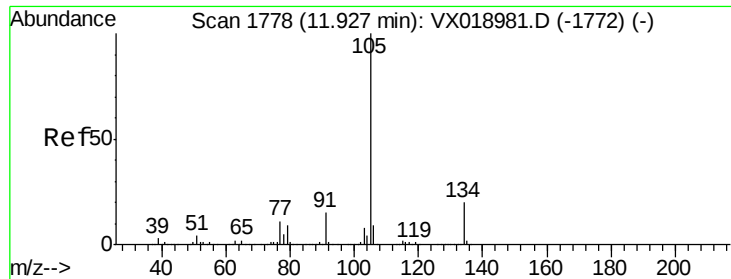
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#84
1,2,4-Trimethylbenzene
Concen: 136.650 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX018983.D
Acq: 20 Oct 2020 18:28

Tgt Ion	Ratio	Lower	Upper
105	100		
120	48.6	23.3	69.8





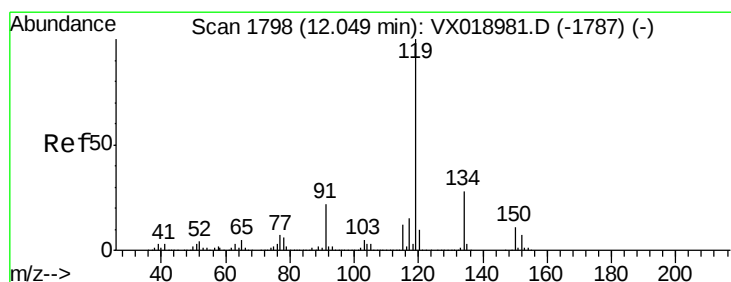
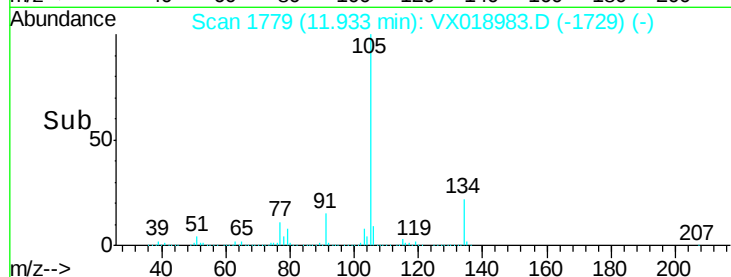
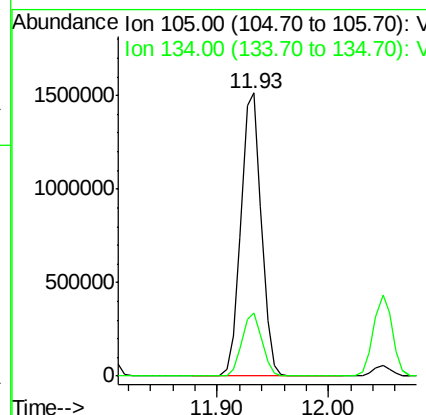
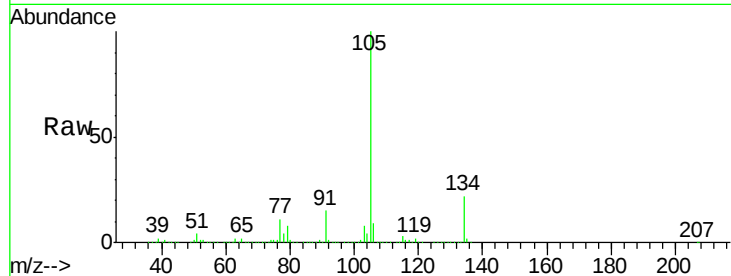
#85
 sec-Butylbenzene
 Concen: 134.597 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: VX018983.D
 Acq: 20 Oct 2020 18:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion:105 Resp: 1912515
 Ion Ratio Lower Upper
 105 100
 134 22.1 10.5 31.6

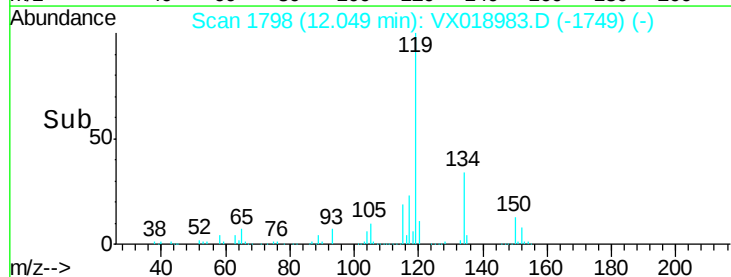
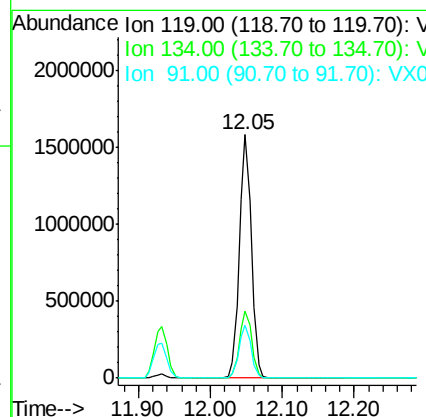
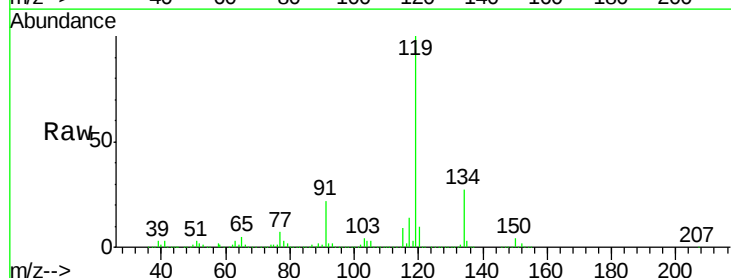
Manual Integrations
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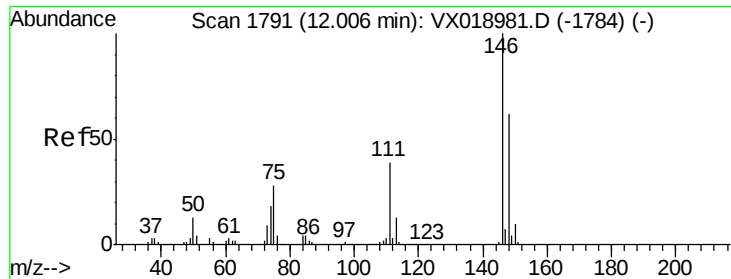
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 10/21/2020 1:05:06 PM



#86
 p-Isopropyltoluene
 Concen: 140.925 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX018983.D
 Acq: 20 Oct 2020 18:28

Tgt Ion:119 Resp: 1847836
 Ion Ratio Lower Upper
 119 100
 134 28.0 13.5 40.5
 91 21.8 11.0 33.0





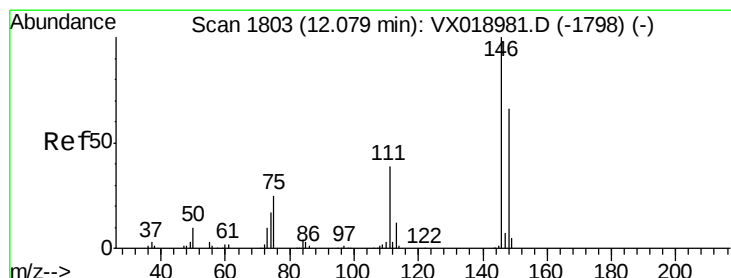
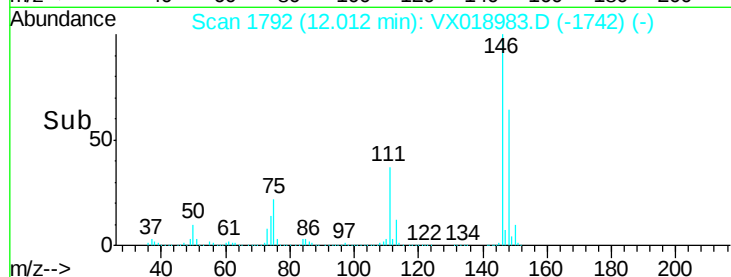
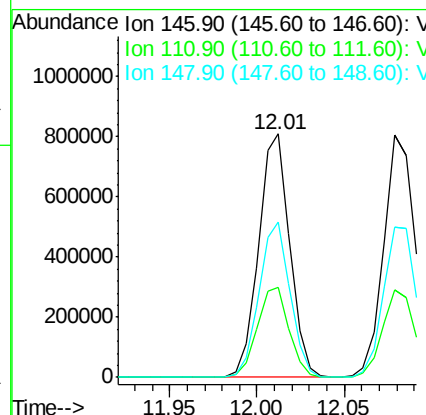
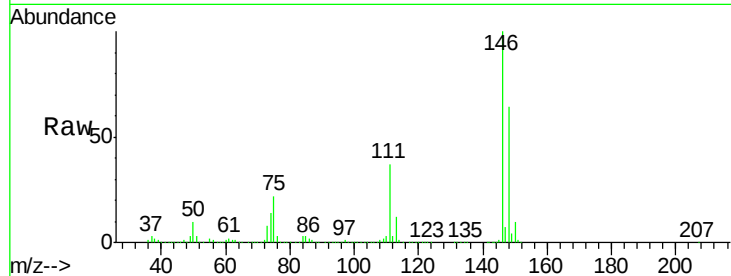
#87
 1,3-Dichlorobenzene
 Concen: 151.533 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX018983.D
 Acq: 20 Oct 2020 18:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
146	100	998500		
111	37.8	19.8	59.4	
148	63.5	31.9	95.7	

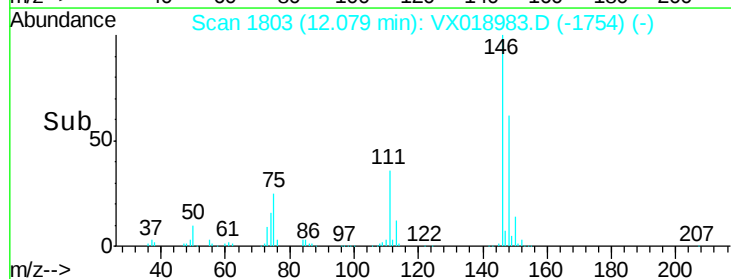
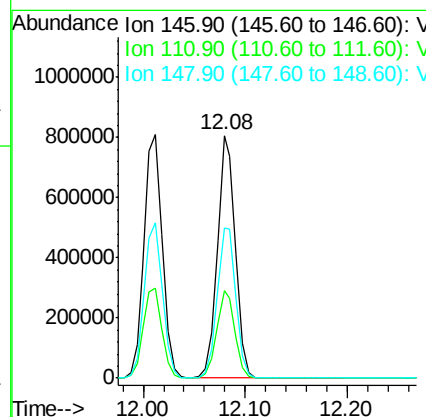
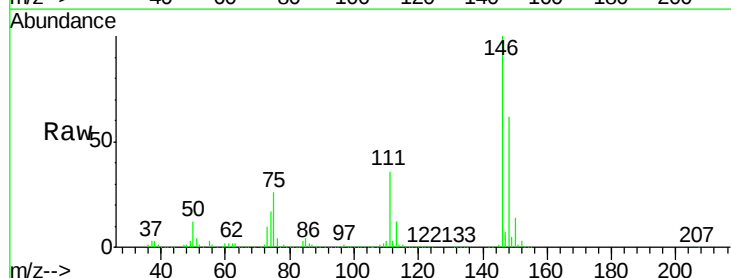
Manual Integrations
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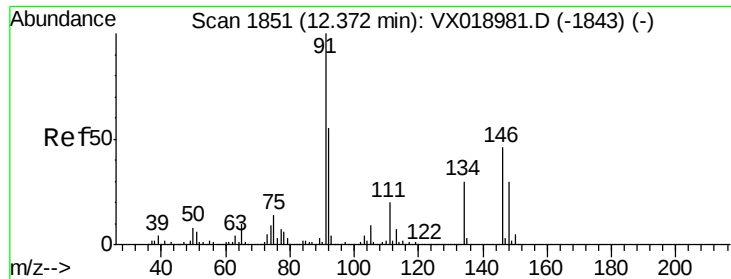
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#88
 1,4-Dichlorobenzene
 Concen: 147.541 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX018983.D
 Acq: 20 Oct 2020 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	1002392		
111	36.5	19.3	57.9	
148	64.7	32.6	98.0	





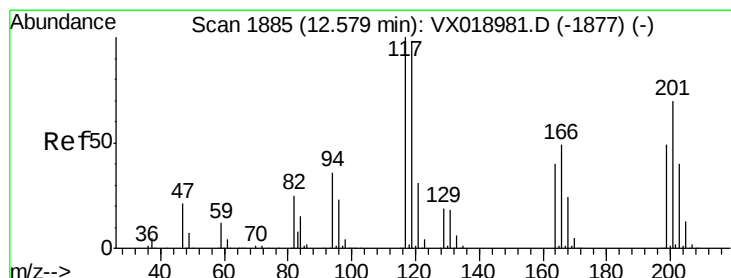
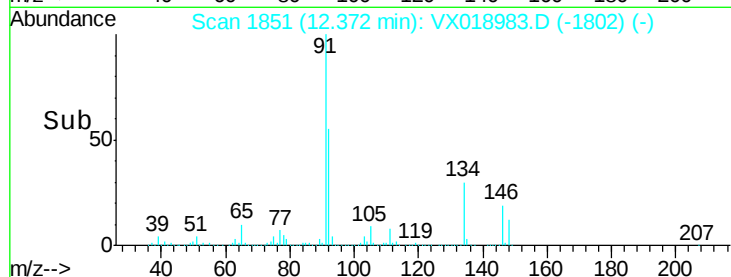
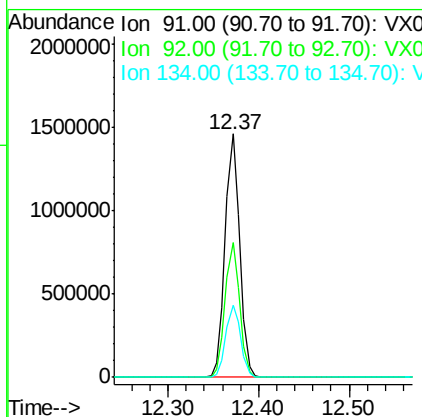
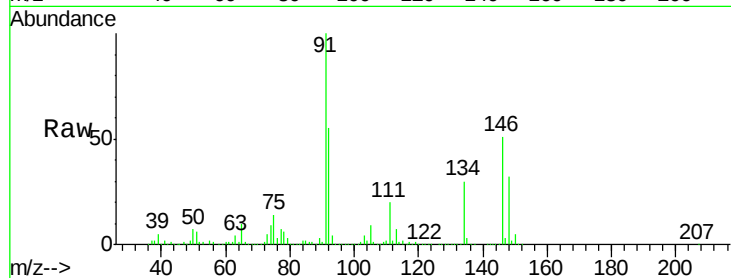
#89
n-Butylbenzene
Concen: 136.704 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018983.D
Acq: 20 Oct 2020 18:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 91 Resp: 1636071
Ion Ratio Lower Upper
91 100
92 55.1 27.2 81.6
134 30.2 14.2 42.8

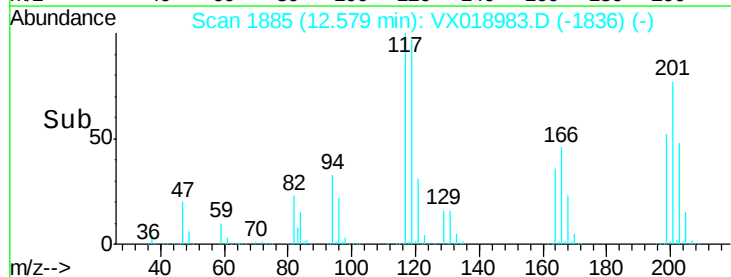
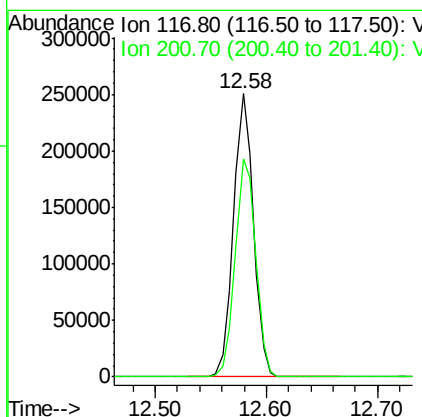
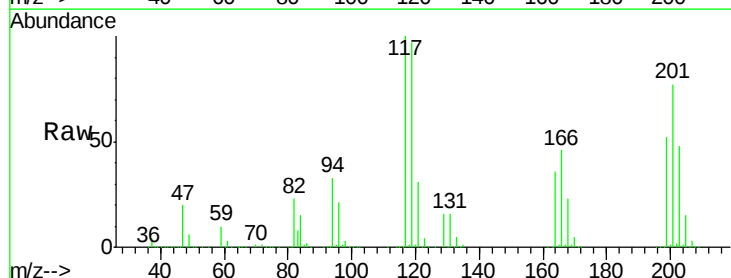
Manual Integrations
APPROVED

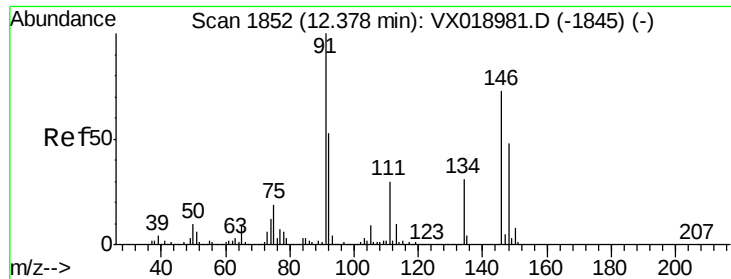
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#90
Hexachloroethane
Concen: 148.013 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018983.D
Acq: 20 Oct 2020 18:28

Tgt Ion: 117 Resp: 310372
Ion Ratio Lower Upper
117 100
201 79.7 36.1 108.5





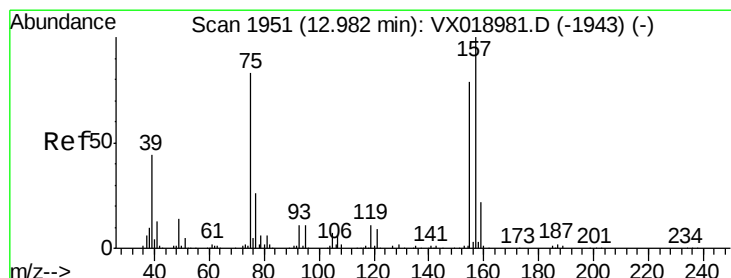
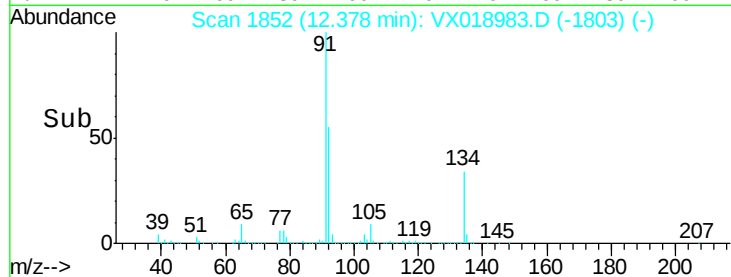
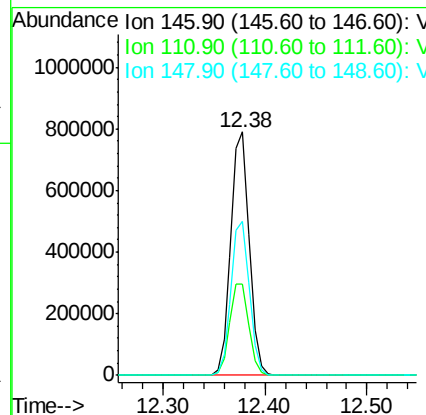
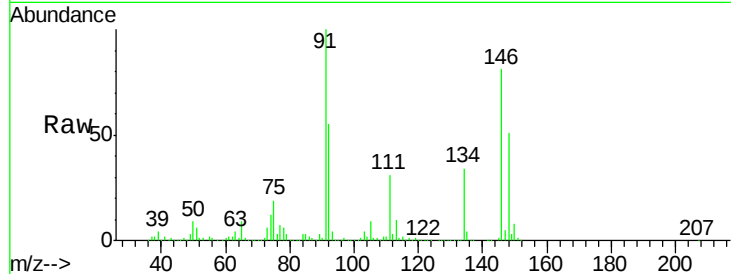
#91
 1,2-Dichlorobenzene
 Concen: 155.044 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX018983.D
 Acq: 20 Oct 2020 18:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
146	100	987667		
111	39.1	20.8	62.5	
148	63.3	32.5	97.4	

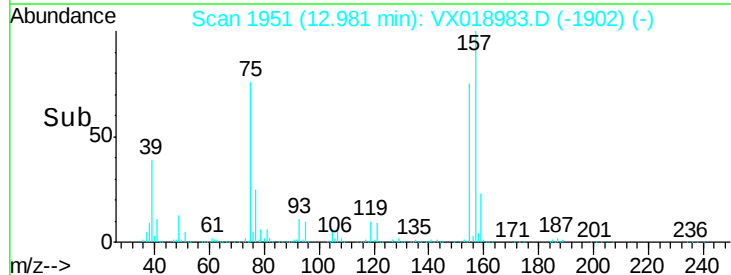
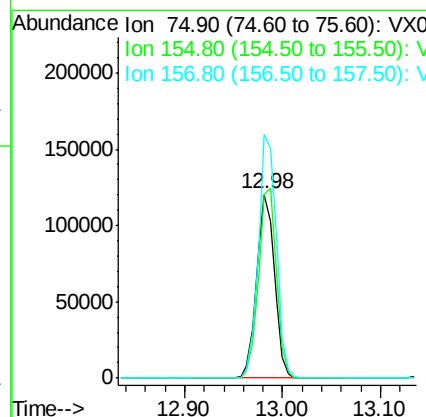
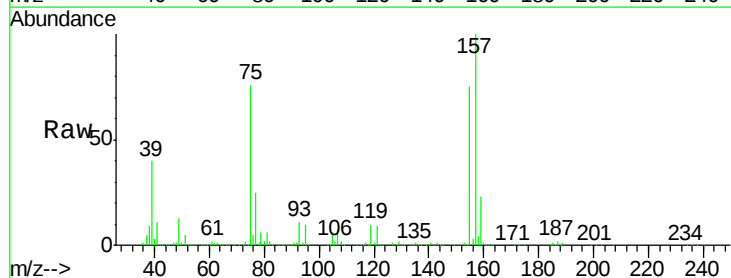
Manual Integrations
 APPROVED

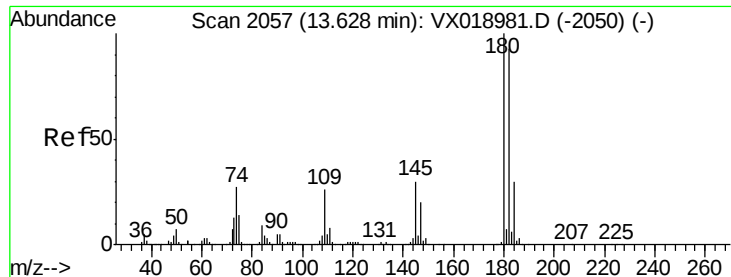
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 10/21/2020 1:05:06 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 145.331 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX018983.D
 Acq: 20 Oct 2020 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	152561		
155	103.6	47.6	142.9	
157	132.8	62.7	188.1	





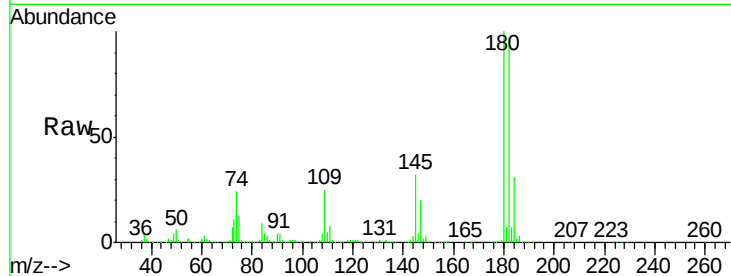
#93
 1,2,4-Trichlorobenzene
 Concen: 157.848 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018983.D
 Acq: 20 Oct 2020 18:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

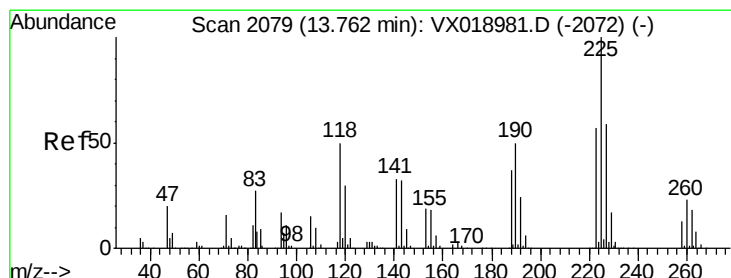
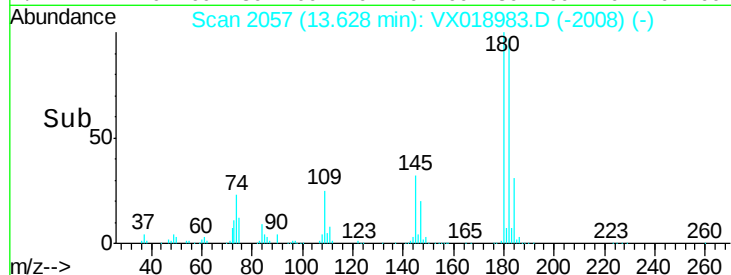
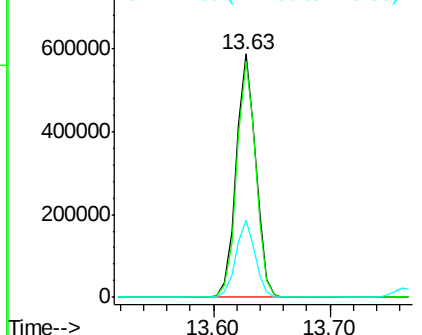
Tot Ion	Ratio	Resp	Lower	Upper
180	100	689271		
182	94.6	46.6	139.7	
145	30.8	15.7	47.1	

Manual Integrations
 APPROVED

MMDadoda
 10/21/2020 1:05:06 PM

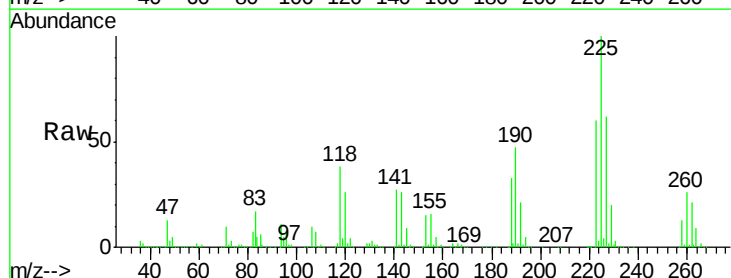


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

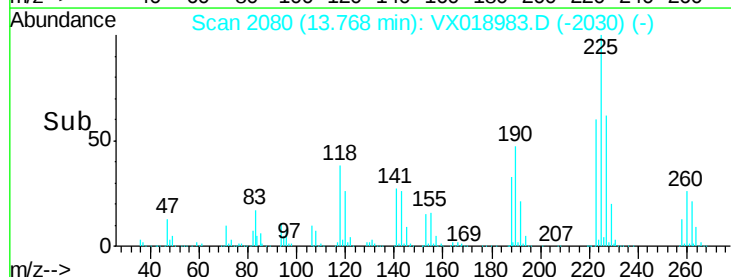
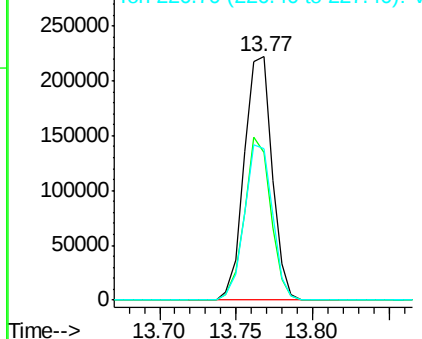


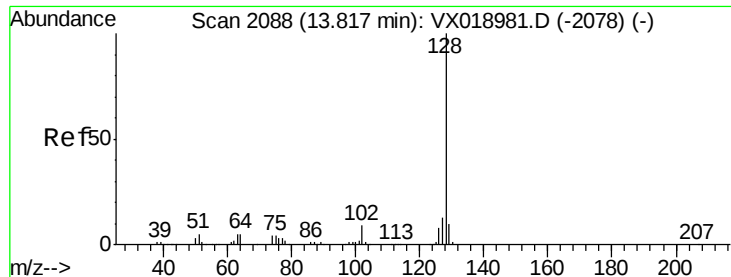
#94
 Hexachlorobutadiene
 Concen: 151.219 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX018983.D
 Acq: 20 Oct 2020 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	281269		
223	63.0	29.4	88.3	
227	63.8	30.6	92.0	



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 154.563 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018983.D

Acq: 20 Oct 2020 18:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:128 Resp: 2246756

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

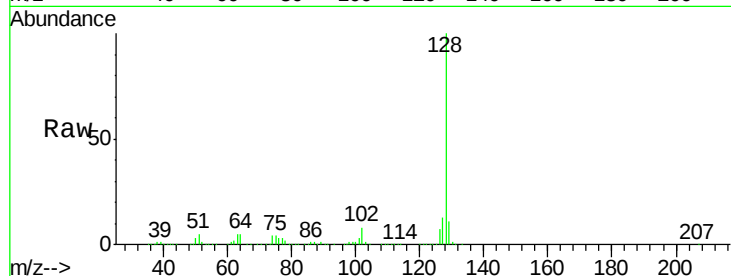
129 11.1 8.6 12.8

Manual Integrations

APPROVED

MMDadoda

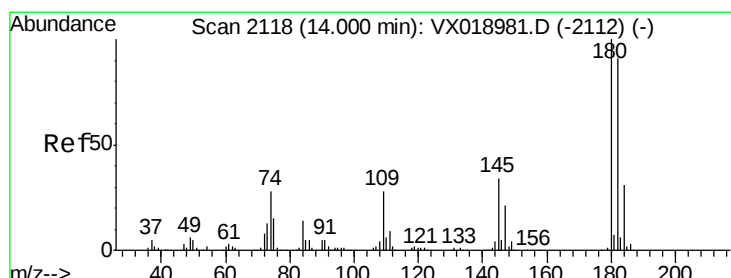
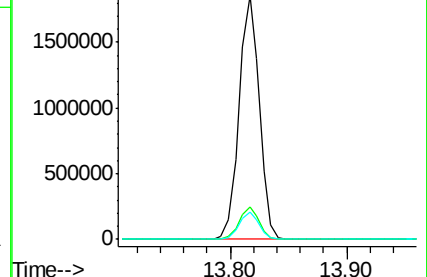
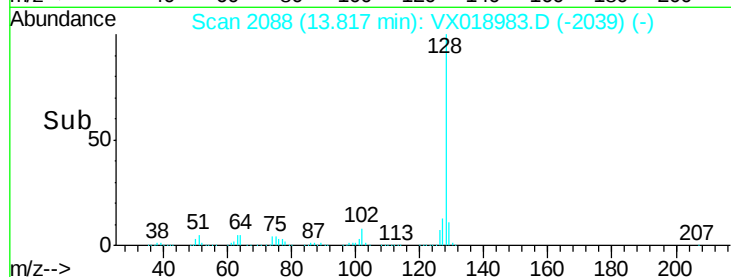
10/21/2020 1:05:06 PM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 162.131 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX018983.D

Acq: 20 Oct 2020 18:28

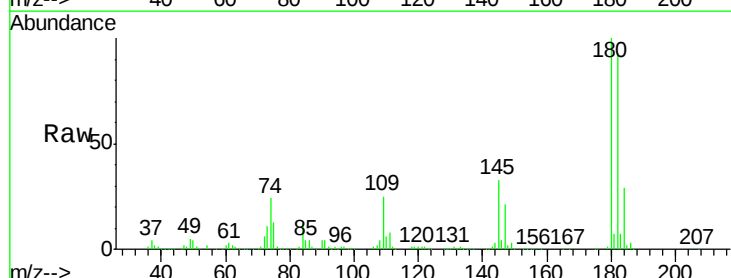
Tgt Ion:180 Resp: 676745

Ion Ratio Lower Upper

180 100

182 93.3 47.8 143.4

145 32.6 17.0 51.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

