

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091619\
 Data File : VX012405.D
 Acq On : 16 Sep 2019 13:34
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 9/23/2019 5:04:11 PM

Quant Time: Sep 17 04:32:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 04:04:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	118085	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	187526	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	176161	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	107221	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	122500	84.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	169.76%	
35) Dibromofluoromethane	5.49	113	91539	68.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	137.12%	
50) Toluene-d8	8.71	98	333762	71.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	142.88%	
62) 4-Bromofluorobenzene	11.14	95	134354	71.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	143.28%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	58820	53.689	ug/l	100
3) Chloromethane	1.32	50	50441	52.031	ug/l	100
4) Vinyl Chloride	1.40	62	52342	53.300	ug/l	100
5) Bromomethane	1.62	94	20308	39.698	ug/l	100
6) Chloroethane	1.70	64	35251	60.901	ug/l	100
7) Trichlorofluoromethane	1.92	101	99755	61.894	ug/l	100
8) Diethyl Ether	2.18	74	40348	70.342	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	69638	68.062	ug/l	100
10) Methyl Iodide	2.50	142	67853	57.553	ug/l	100
11) Tert butyl alcohol	3.04	59	154018	497.426	ug/l	100
12) 1,1-Dichloroethene	2.36	96	56650	58.682	ug/l	100
13) Acrolein	2.28	56	64412	511.320	ug/l	100
14) Allyl chloride	2.72	41	127425	78.758	ug/l	100
15) Acrylonitrile	3.13	53	264398	427.391	ug/l	100
16) Acetone	2.44	43	263678	436.442	ug/l	100
17) Carbon Disulfide	2.56	76	77840	35.299	ug/l	100
18) Methyl Acetate	2.76	43	125805	80.238	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	294867	85.467	ug/l	100
20) Methylene Chloride	2.84	84	73720	65.536	ug/l	100
21) trans-1,2-Dichloroethene	3.16	96	59373	57.770	ug/l	100
22) Diisopropyl ether	3.84	45	290407	88.052	ug/l	100
23) Vinyl Acetate	3.80	43	1241239	452.169	ug/l	100
24) 1,1-Dichloroethane	3.69	63	142017	76.737	ug/l	100
25) 2-Butanone	4.66	43	401795	454.934	ug/l	100
26) 2,2-Dichloropropane	4.57	77	136119	83.692	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	85334	68.681	ug/l	100
28) Bromochloromethane	5.00	49	69910	81.637	ug/l	100
29) Tetrahydrofuran	5.11	42	237139	431.768	ug/l	100
30) Chloroform	5.20	83	160431	78.786	ug/l	100
31) Cyclohexane	5.57	56	88838	59.010	ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	139858	79.634	ug/l	100
36) 1,1-Dichloropropene	5.79	75	89281	58.631	ug/l	100
37) Ethyl Acetate	4.83	43	142382	81.135	ug/l	100
38) Carbon Tetrachloride	5.78	117	115206	64.994	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	91941	50.860	ug/l	100
40) Benzene	6.13	78	289432	60.696	ug/l	100
41) Methacrylonitrile	5.03	41	84588	81.518	ug/l	100
42) 1,2-Dichloroethane	6.18	62	129458	71.320	ug/l	100
43) Isopropyl Acetate	6.43	43	240964	83.435	ug/l	100
44) Trichloroethene	7.20	130	77681	54.410	ug/l	100
45) 1,2-Dichloropropane	7.51	63	84446	68.527	ug/l	100
46) Dibromomethane	7.65	93	56998	63.787	ug/l	100
47) Bromodichloromethane	7.89	83	131073	77.557	ug/l	100
48) Methyl methacrylate	7.76	41	114307	80.879	ug/l	100
49) 1,4-Dioxane	7.73	88	56213	1465.391	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	794492	417.121	ug/l	100
52) Toluene	8.78	92	190067	61.755	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	137837	78.043	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	141748	74.570	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	92729	69.711	ug/l	100
56) Ethyl methacrylate	9.17	69	147698	77.015	ug/l	100
57) 1,3-Dichloropropane	9.37	76	152718	70.265	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	398917	392.237	ug/l	100
59) 2-Hexanone	9.49	43	611340	419.720	ug/l	100
60) Dibromochloromethane	9.58	129	105564	73.134	ug/l	100
61) 1,2-Dibromoethane	9.67	107	89858	64.729	ug/l	100
64) Tetrachloroethene	9.33	164	62593	45.929	ug/l	100
65) Chlorobenzene	10.14	112	221060	61.324	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	95110	68.899	ug/l	100
67) Ethyl Benzene	10.25	91	383121	63.808	ug/l	100
68) m/p-Xylenes	10.35	106	283298	123.893	ug/l	100
69) o-Xylene	10.70	106	145613	64.035	ug/l	100
70) Styrene	10.71	104	259832	67.463	ug/l	100
71) Bromoform	10.85	173	76139	65.348	ug/l #	100
73) Isopropylbenzene	11.01	105	405299	60.330	ug/l	100
74) N-amyl acetate	10.89	43	215682	77.164	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	158369	68.210	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	151482m	72.987	ug/l	
77) Bromobenzene	11.25	156	102645	53.011	ug/l	100
78) n-propylbenzene	11.35	91	458837	63.467	ug/l	100
79) 2-Chlorotoluene	11.42	91	289384	63.818	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	355014	62.983	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	50951	73.366	ug/l	100
82) 4-Chlorotoluene	11.51	91	341924	65.123	ug/l	100
83) tert-Butylbenzene	11.77	119	371801	66.073	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	362050	63.452	ug/l	100
85) sec-Butylbenzene	11.94	105	415322	64.475	ug/l	100
86) p-Isopropyltoluene	12.06	119	386995	63.213	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	188469	56.166	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	193737	56.769	ug/l	100
89) n-Butylbenzene	12.39	91	342966	66.695	ug/l	100
90) Hexachloroethane	12.59	117	73448	73.864	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	196928	57.654	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	42675	76.760	ug/l	100

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QLast Update : Tue Sep 17 04:04:26 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	134399	54.630	ug/l	100
94) Hexachlorobutadiene	13.78	225	63110	47.271	ug/l	100
95) Naphthalene	13.83	128	487243	68.075	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	137657	55.455	ug/l	100

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

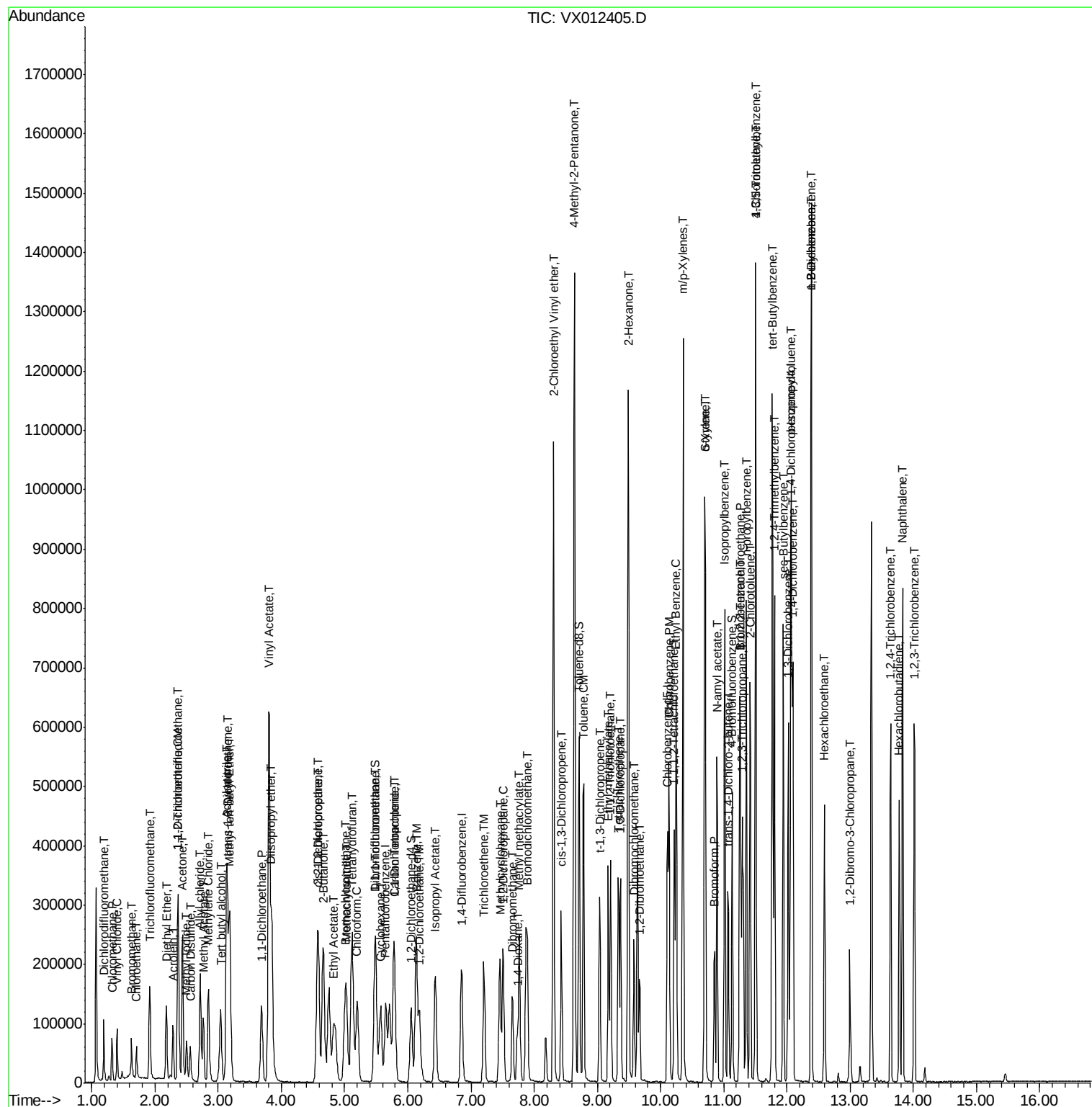
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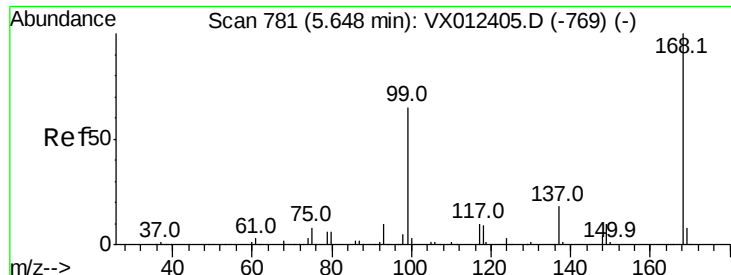
Instrument :
 MSVOA_X
 Client Sample ID :
 VSTDICCC050

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX012405.D

Acq: 16 Sep 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:168 Resp: 118085

Ion Ratio Lower Upper

168 100

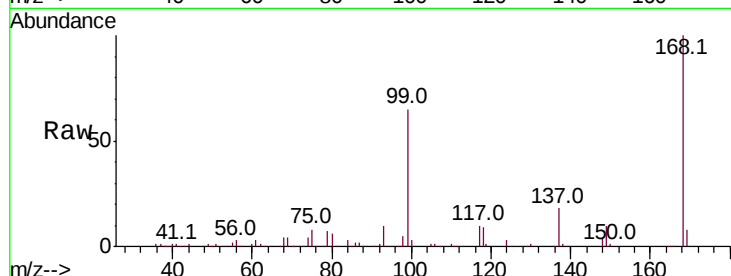
99 64.7 51.8 77.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

40000

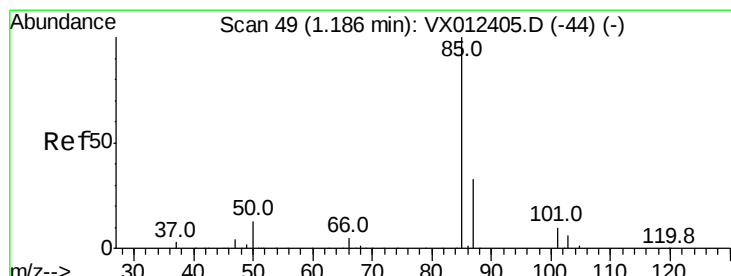
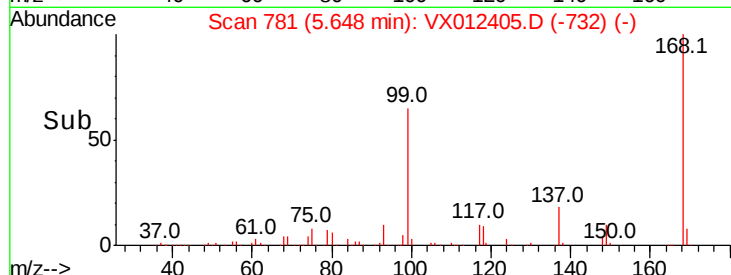
30000

20000

10000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 53.689 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012405.D

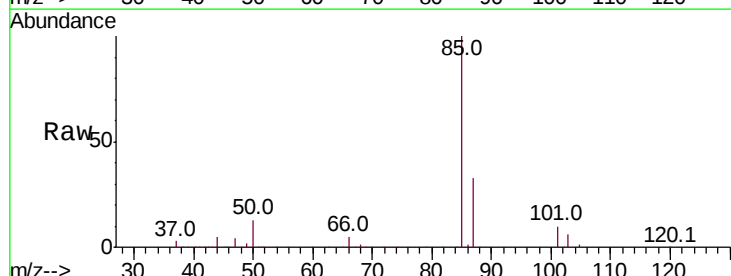
Acq: 16 Sep 2019 13:34

Tgt Ion: 85 Resp: 58820

Ion Ratio Lower Upper

85 100

87 32.8 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

60000

50000

40000

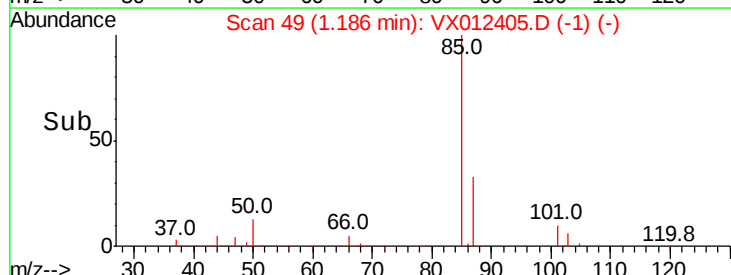
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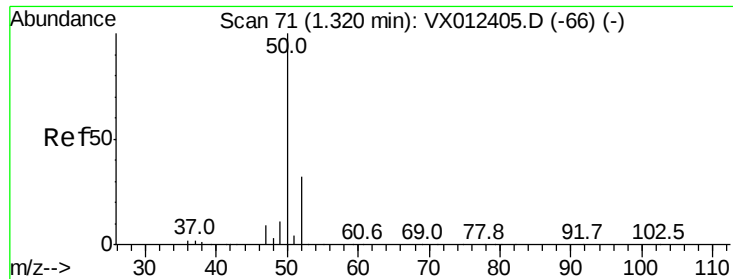
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10000

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Time-->





#3

Chloromethane

Concen: 52.031 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012405.D

Acq: 16 Sep 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 50441

Ion Ratio Lower Upper

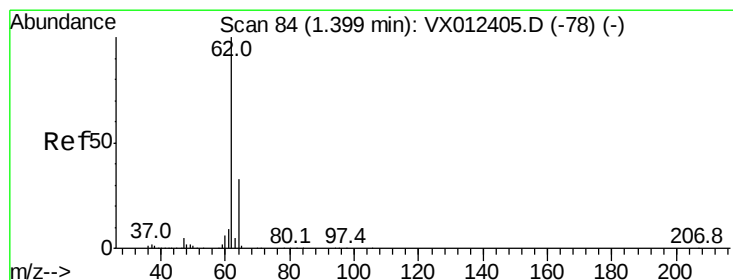
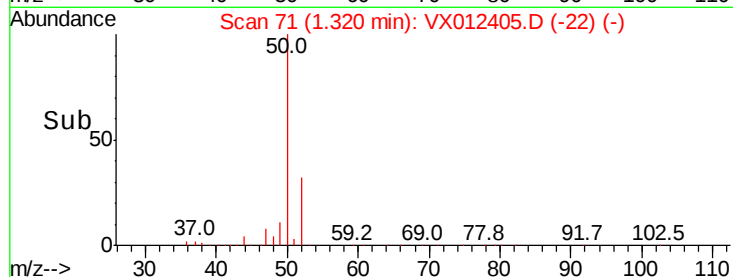
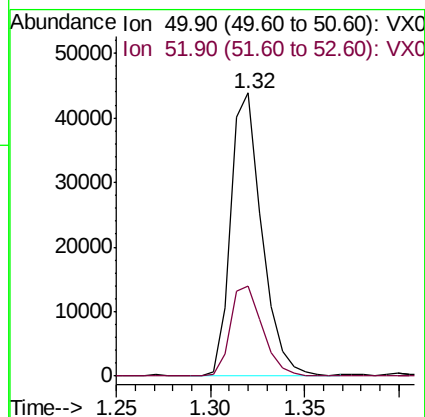
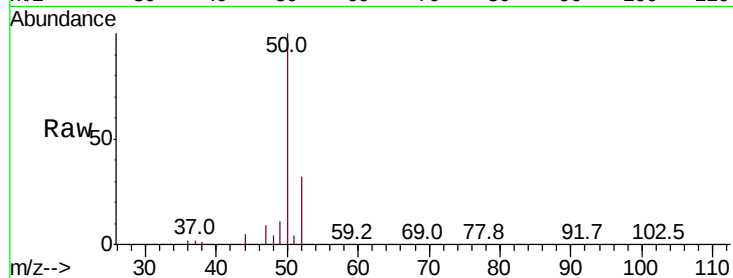
50 100

52 31.8 25.4 38.2

Manual Integrations
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9/23/2019 5:04:11 PM



#4

Vinyl Chloride

Concen: 53.300 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012405.D

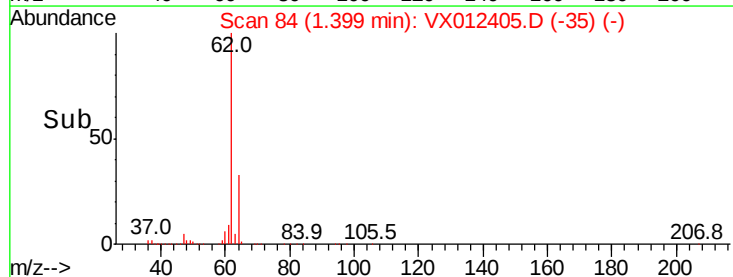
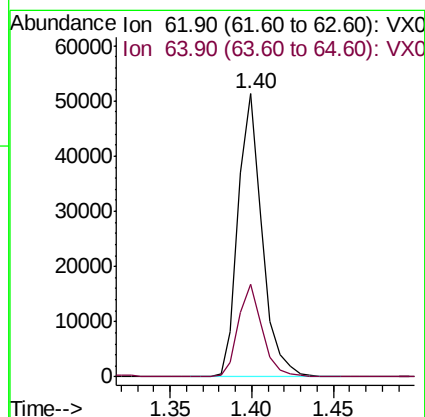
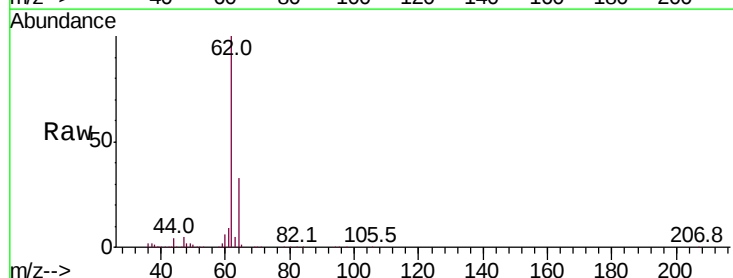
Acq: 16 Sep 2019 13:34

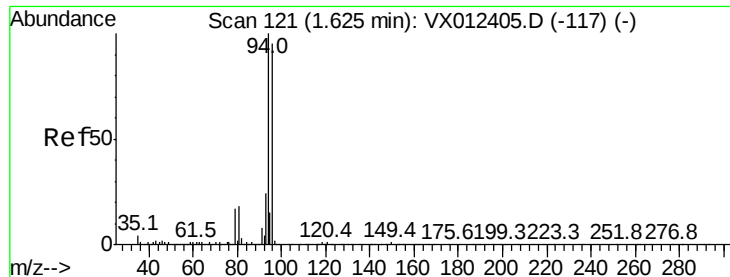
Tgt Ion: 62 Resp: 52342

Ion Ratio Lower Upper

62 100

64 32.7 26.2 39.2





#5

Bromomethane

Concen: 39.698 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX012405.D

Acq: 16 Sep 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 20308

Ion Ratio Lower Upper

94 100

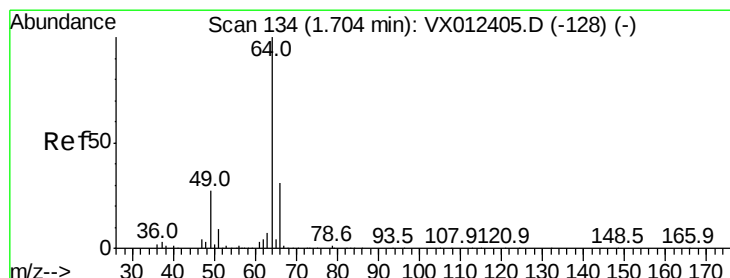
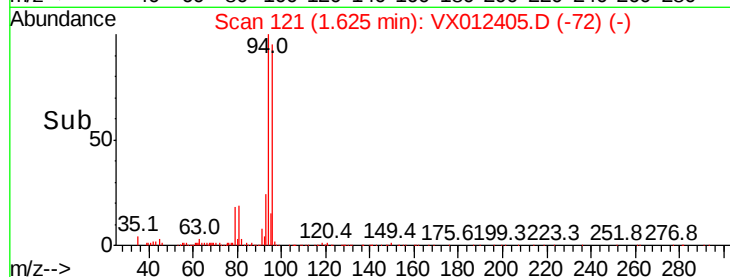
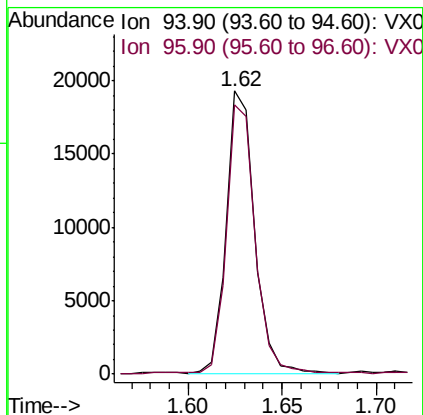
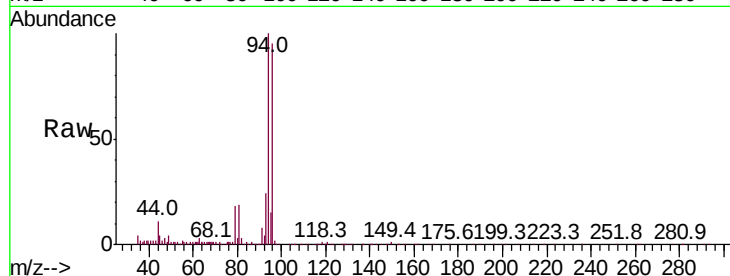
96 94.6 75.7 113.5

Manual Integrations

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#6

Chloroethane

Concen: 60.901 ug/l

RT: 1.70 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX012405.D

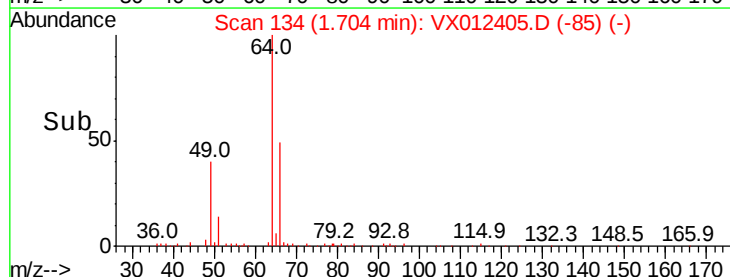
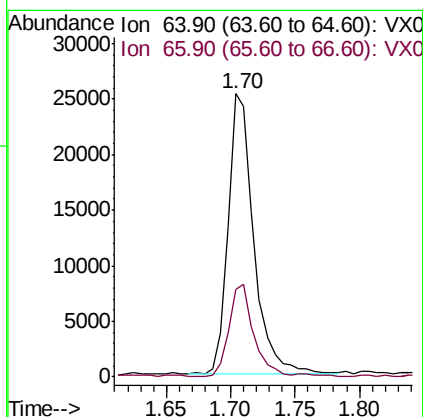
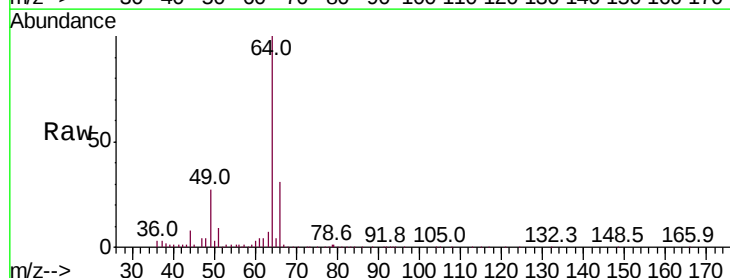
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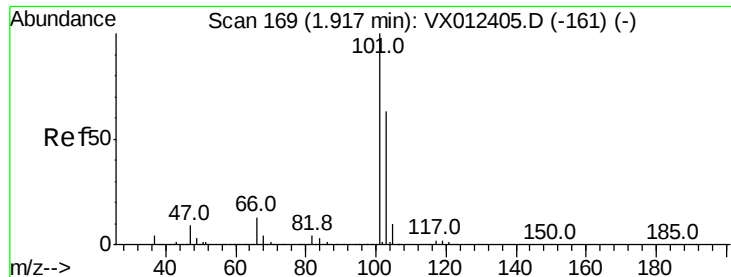
Tgt Ion: 64 Resp: 35251

Ion Ratio Lower Upper

64 100

66 30.9 24.7 37.1





#7

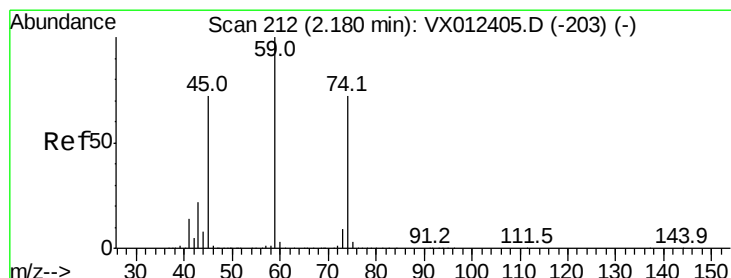
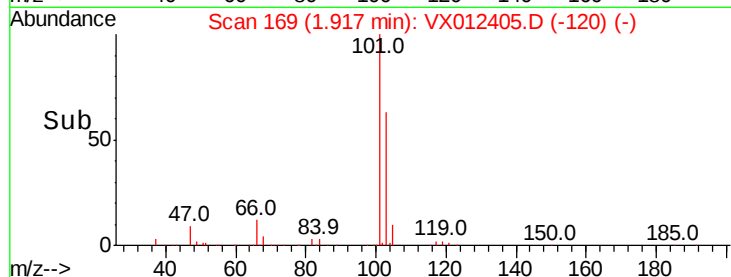
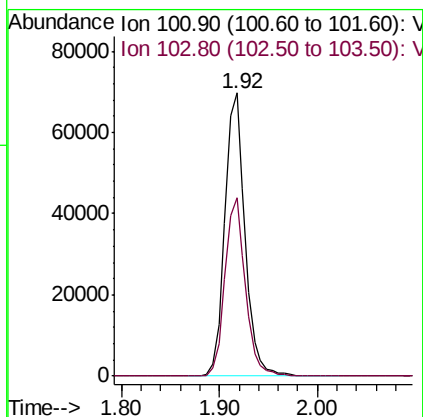
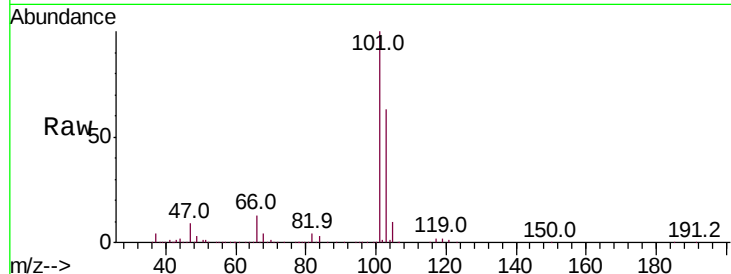
Trichlorofluoromethane
 Concen: 61.894 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX012405.D
 Acq: 16 Sep 2019 13:34

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.1	50.5	75.7

Manual Integrations
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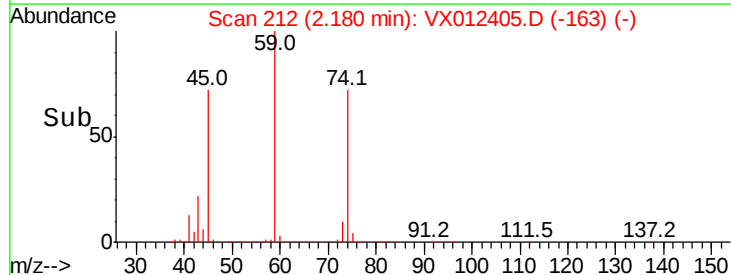
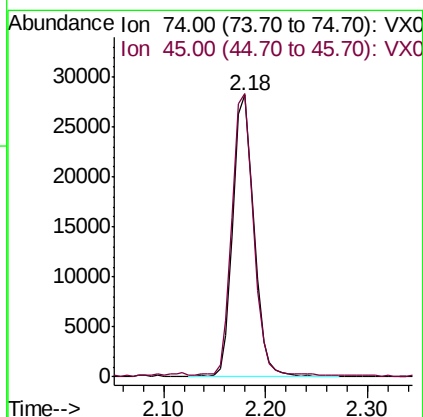
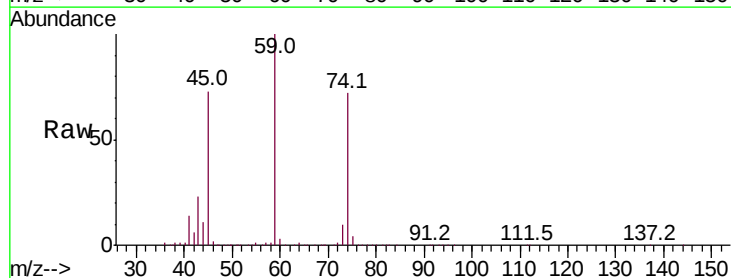
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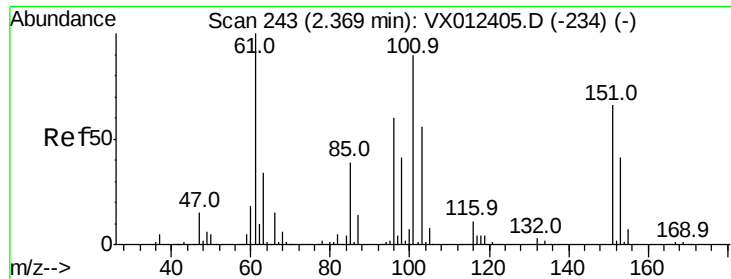


#8

Diethyl Ether
 Concen: 70.342 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX012405.D
 Acq: 16 Sep 2019 13:34

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.3	50.6	151.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 68.062 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX012405.D

Acq: 16 Sep 2019 13:34

Instrument :

MSVOA_X

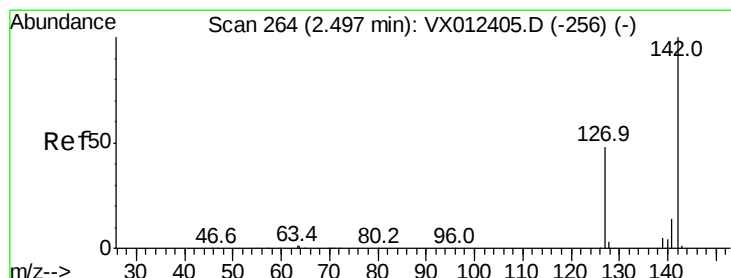
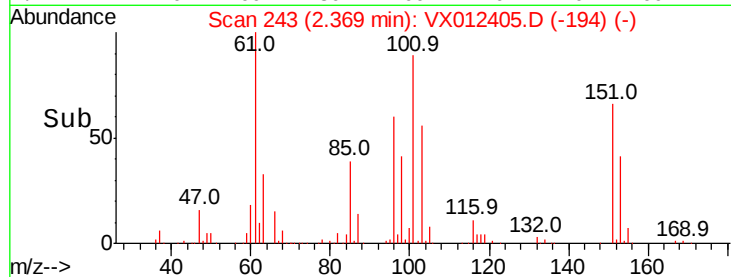
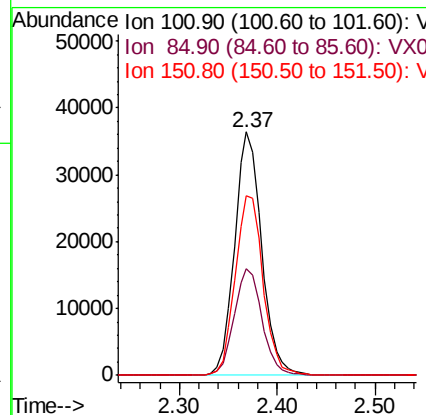
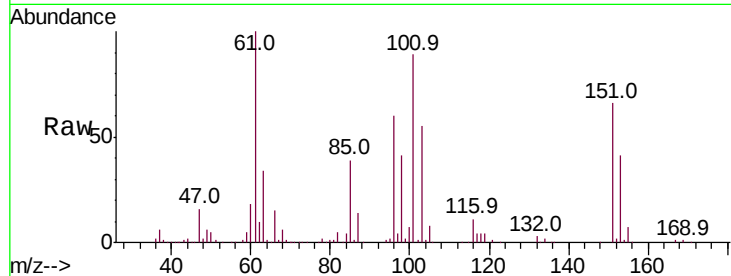
ClientSampleId :

VSTDICCC050

Tot Ion:	101	Resp:	69638
Ion Ratio	Lower	Upper	
101	100		
85	45.4	36.3	54.5
151	76.4	61.1	91.7

Manual Integrations
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#10

Methyl Iodide

Concen: 57.553 ug/l

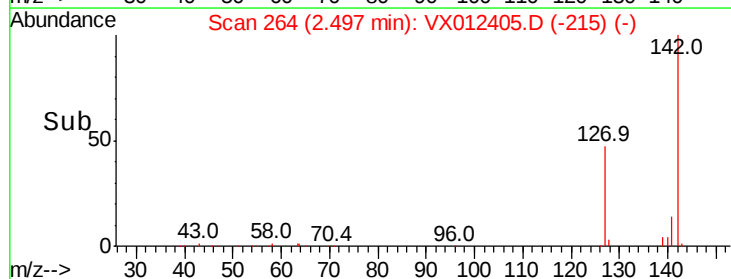
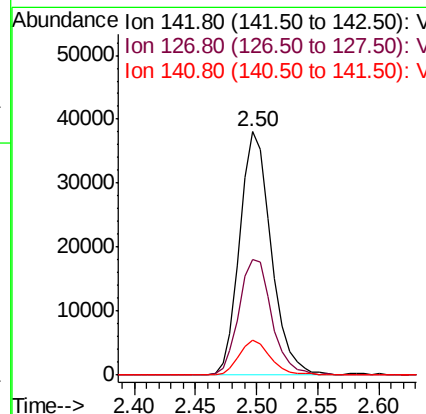
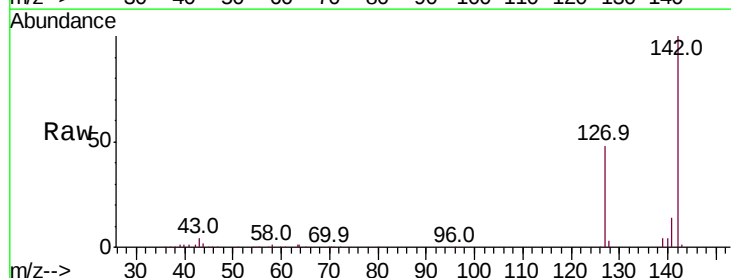
RT: 2.50 min Scan# 264

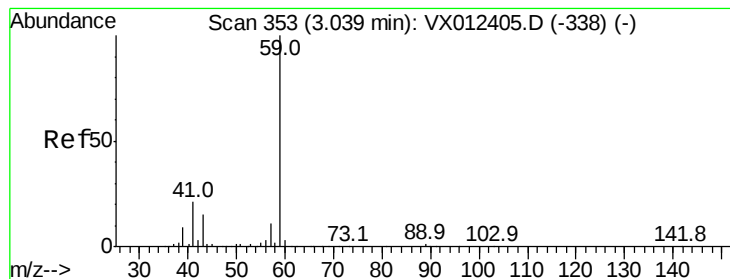
Delta R.T. 0.00 min

Lab File: VX012405.D

Acq: 16 Sep 2019 13:34

Tgt Ion:	142	Resp:	67853
Ion Ratio	Lower	Upper	
142	100		
127	49.5	39.6	59.4
141	14.5	11.6	17.4





#11

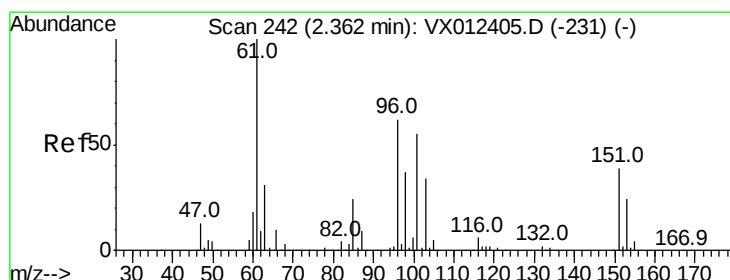
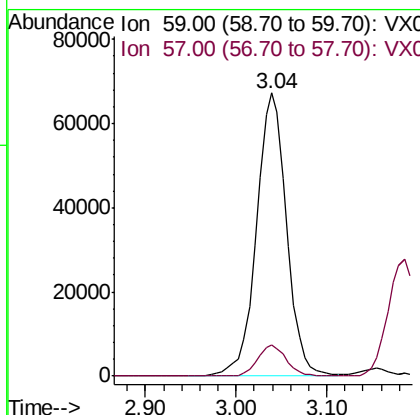
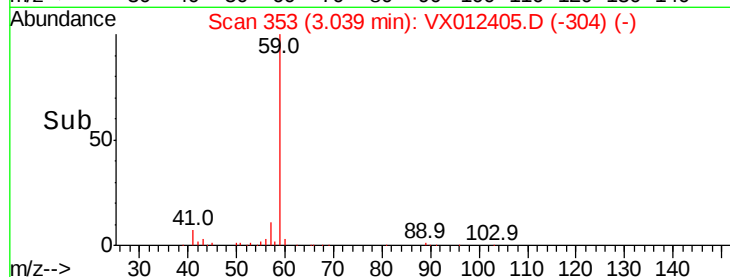
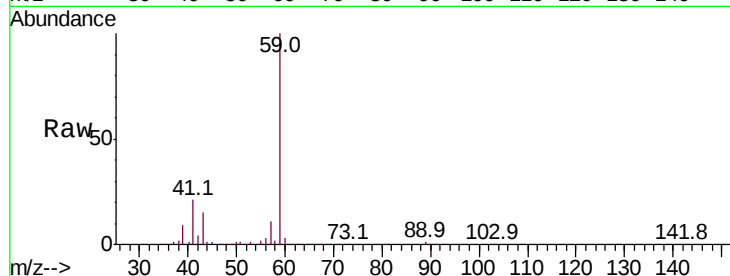
Tert butyl alcohol
Concen: 497.426 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.00 min
Lab File: VX012405.D
Acq: 16 Sep 2019 13:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.6	12.8

Manual Integrations
APPROVED

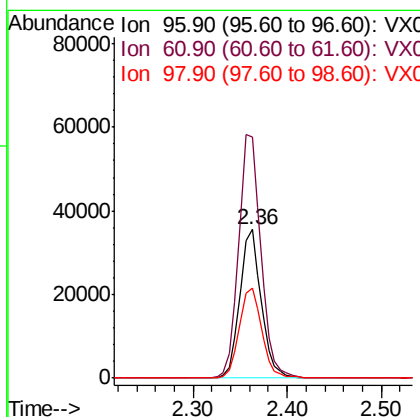
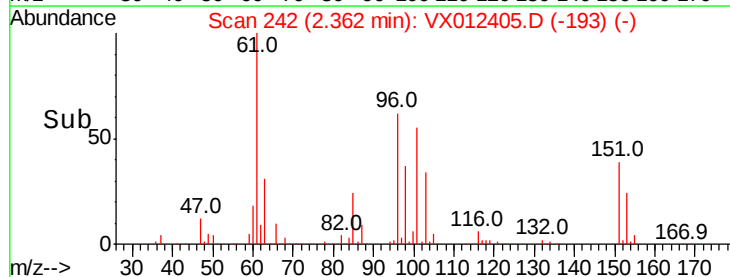
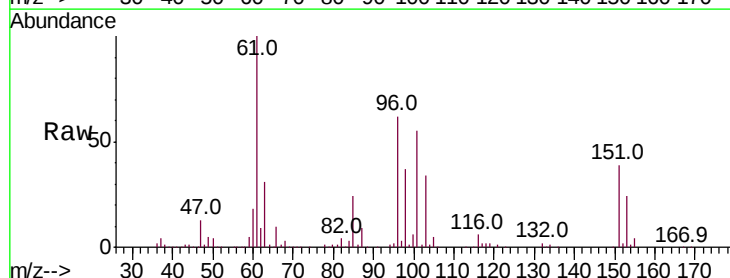
MMDadoda
9/23/2019 5:04:11 PM

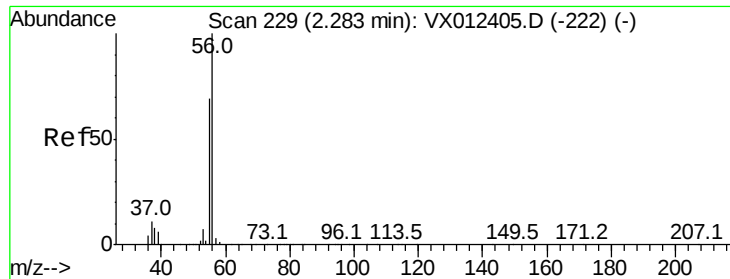


#12

1,1-Dichloroethene
Concen: 58.682 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX012405.D
Acq: 16 Sep 2019 13:34

Tgt Ion	Ratio	Lower	Upper
96	100		
61	162.2	129.8	194.6
98	60.6	48.5	72.7





#13

Acrolein

Concen: 511.320 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012405.D

Acq: 16 Sep 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 56 Resp: 64412

Ion Ratio Lower Upper

56 100

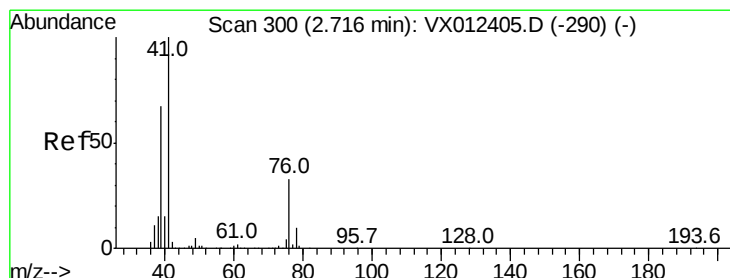
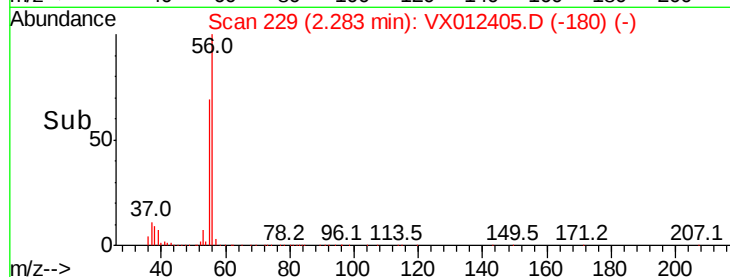
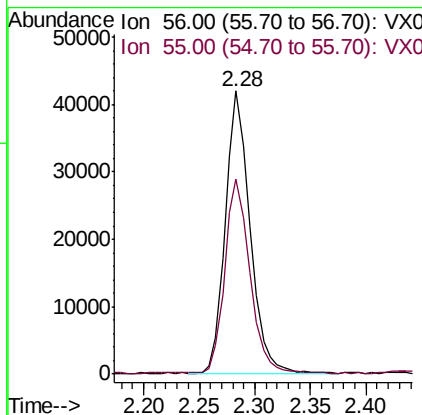
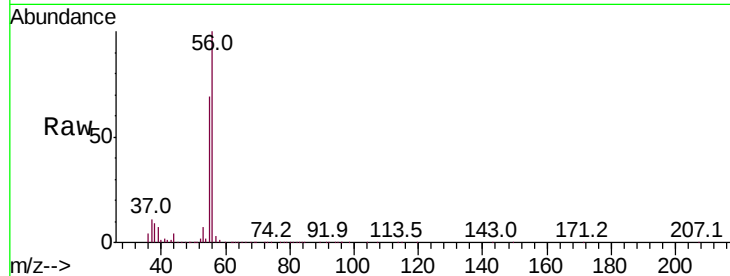
55 70.1 56.1 84.1

Manual Integrations

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#14

Allyl chloride

Concen: 78.758 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX012405.D

Acq: 16 Sep 2019 13:34

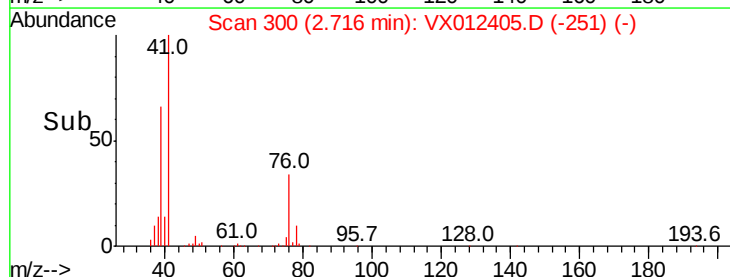
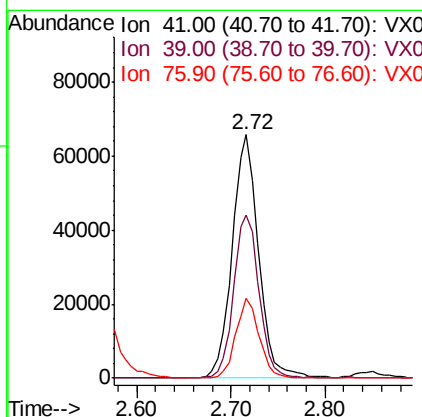
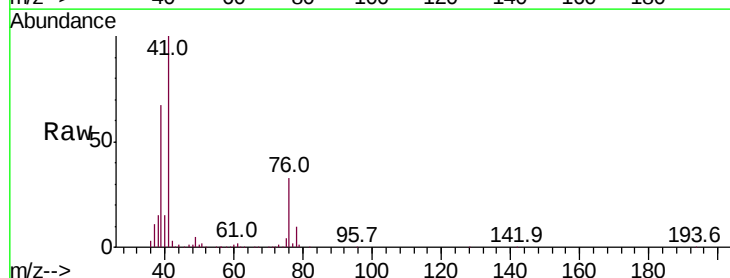
Tgt Ion: 41 Resp: 127425

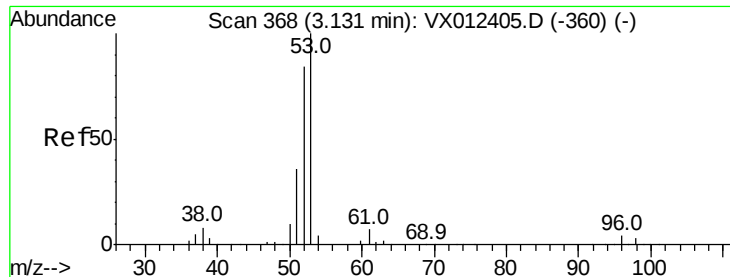
Ion Ratio Lower Upper

41 100

39 63.9 51.1 76.7

76 29.3 23.4 35.2





#15

Acrylonitrile

Concen: 427.391 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012405.D

Acq: 16 Sep 2019 13:34

Instrument :

MSVOA_X

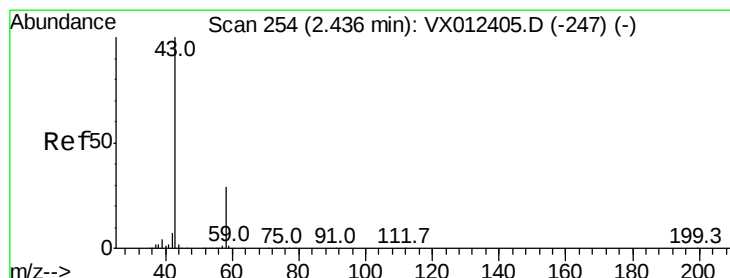
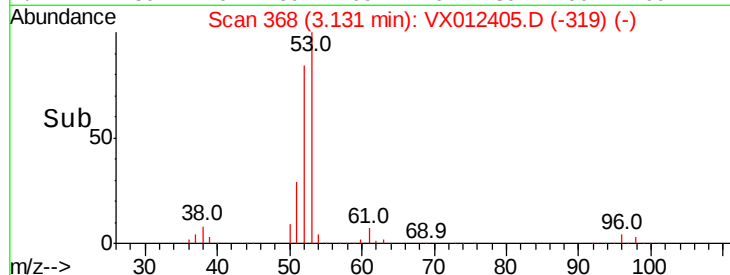
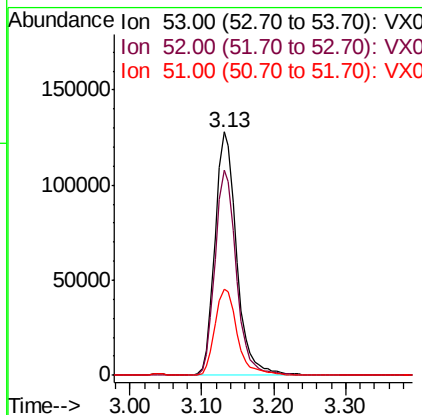
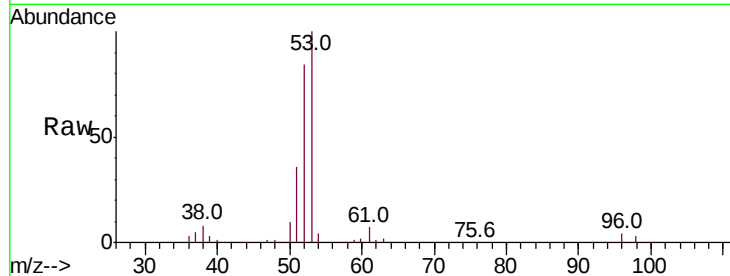
ClientSampleId :

VSTDICCC050

Tot Ion:	53	Resp:	264398
Ion	Ratio	Lower	Upper
53	100		
52	84.3	67.4	101.2
51	37.2	29.8	44.6

Manual Integrations
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#16

Acetone

Concen: 436.442 ug/l

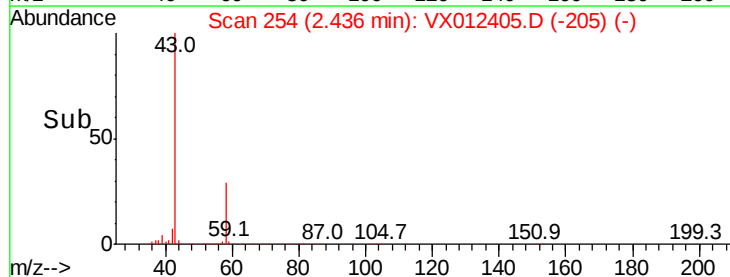
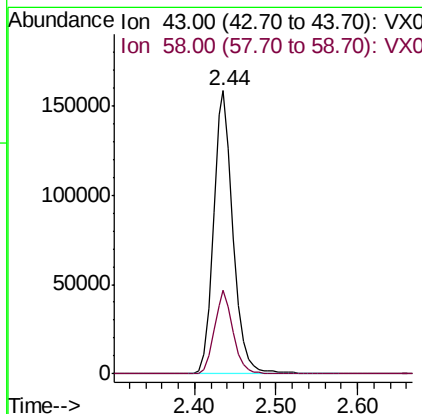
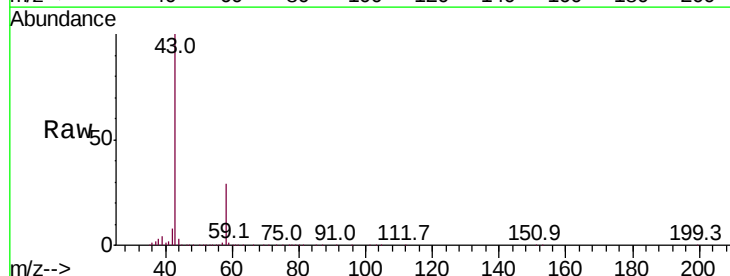
RT: 2.44 min Scan# 254

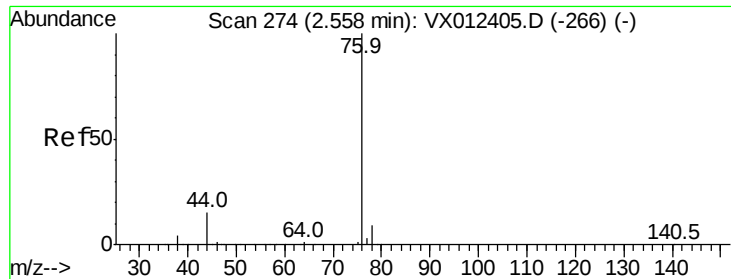
Delta R.T. 0.00 min

Lab File: VX012405.D

Acq: 16 Sep 2019 13:34

Tgt Ion:	43	Resp:	263678
Ion	Ratio	Lower	Upper
43	100		
58	29.4	23.5	35.3





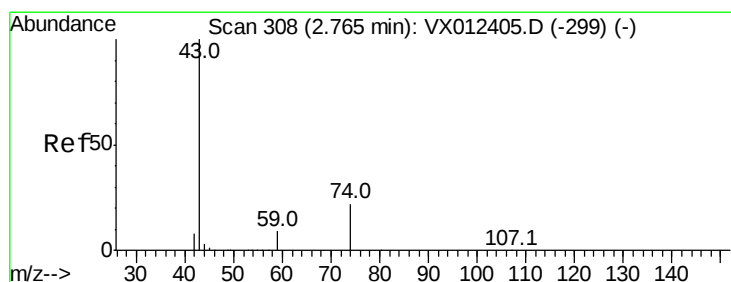
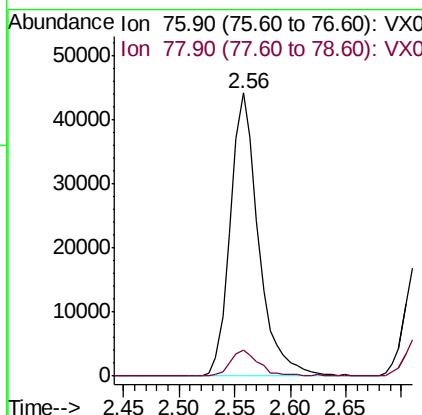
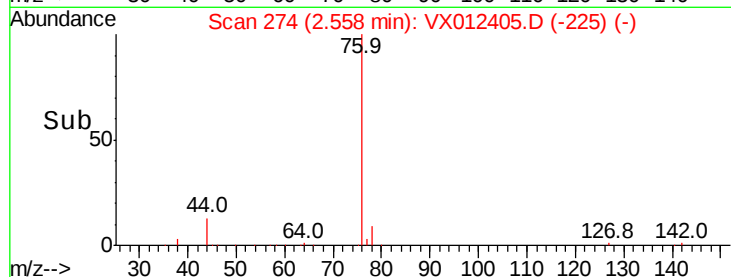
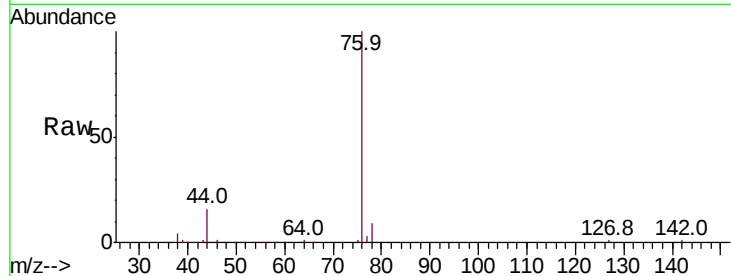
#17
Carbon Disulfide
Concen: 35.299 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX012405.D
Acq: 16 Sep 2019 13:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.1	10.7

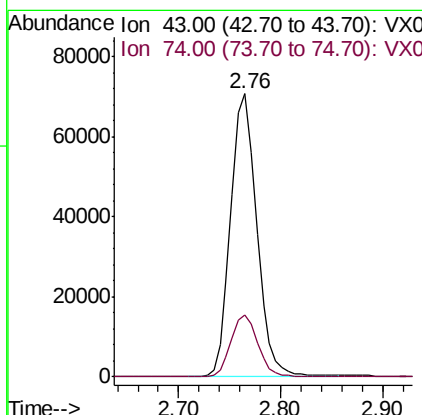
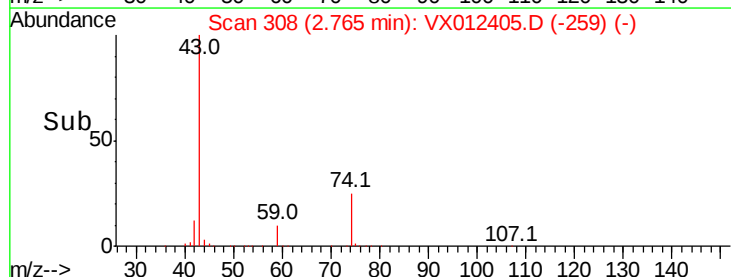
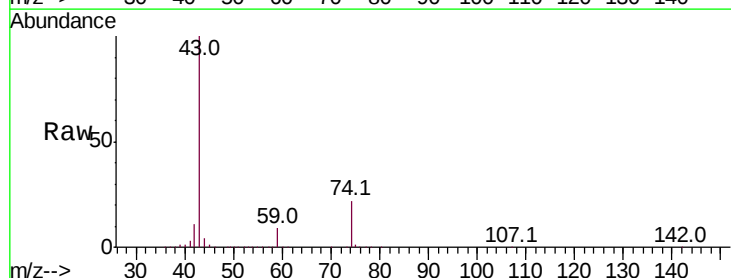
Manual Integrations
APPROVED

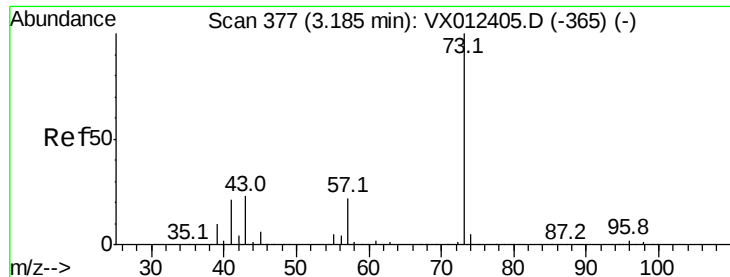
MMDadoda
9/23/2019 5:04:11 PM



#18
Methyl Acetate
Concen: 80.238 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX012405.D
Acq: 16 Sep 2019 13:34

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.7	18.2	27.2





#19

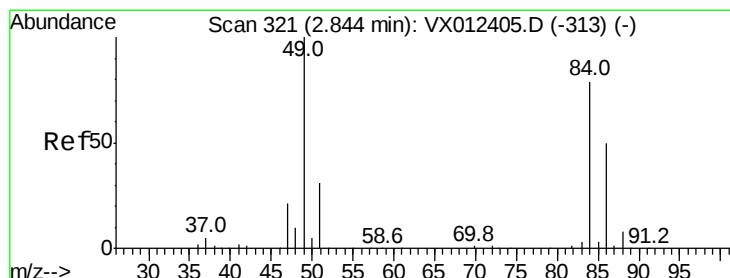
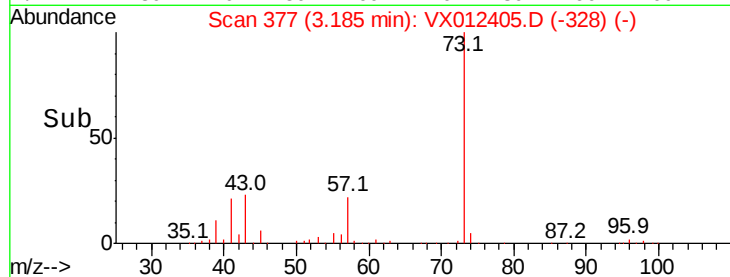
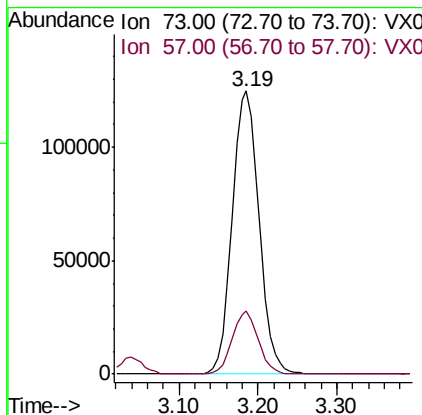
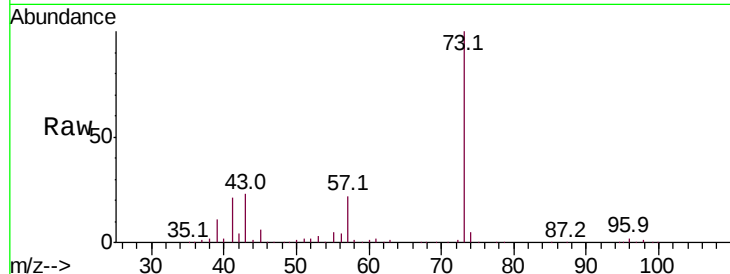
Methyl tert-butyl Ether
 Concen: 85.467 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. 0.00 min
 Lab File: VX012405.D
 Acq: 16 Sep 2019 13:34

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.2	17.8	26.6

Manual Integrations
 APPROVED

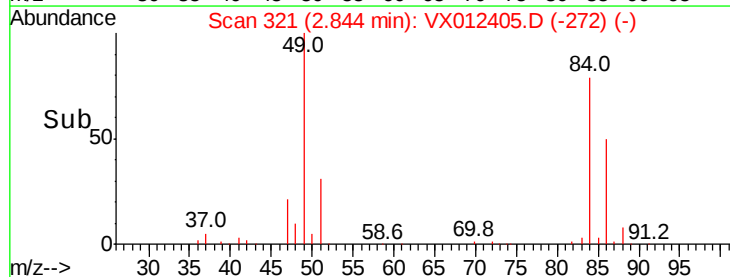
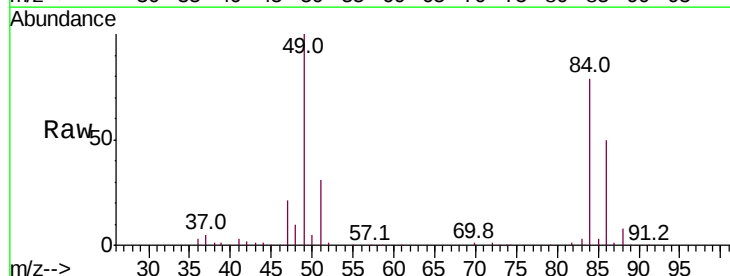
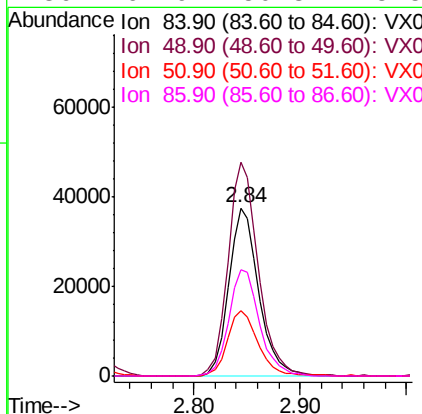
MMDadoda
 9/23/2019 5:04:11 PM

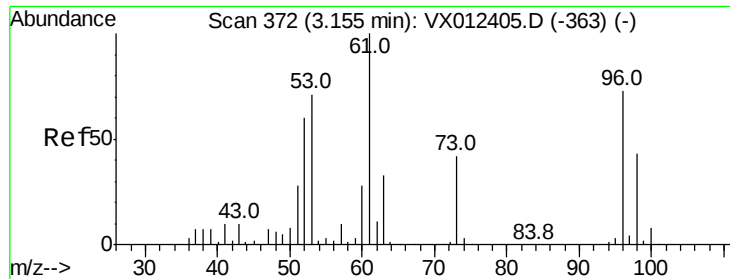


#20

Methylene Chloride
 Concen: 65.536 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. 0.00 min
 Lab File: VX012405.D
 Acq: 16 Sep 2019 13:34

Tgt Ion	Ratio	Lower	Upper
84	100		
49	127.1	101.7	152.5
51	39.0	31.2	46.8
86	62.9	50.3	75.5





#21

trans-1,2-Dichloroethene

Concen: 57.770 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX012405.D

Acq: 16 Sep 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 96 Resp: 59373

Ion Ratio Lower Upper

96 100

61 137.1 109.7 164.5

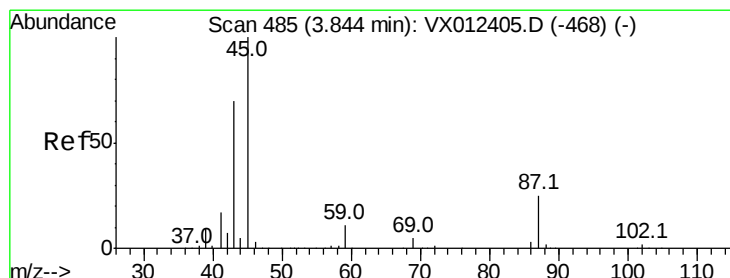
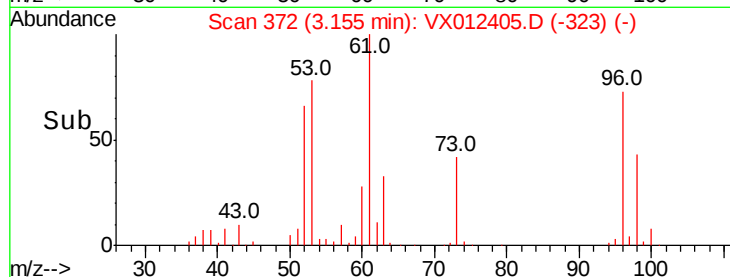
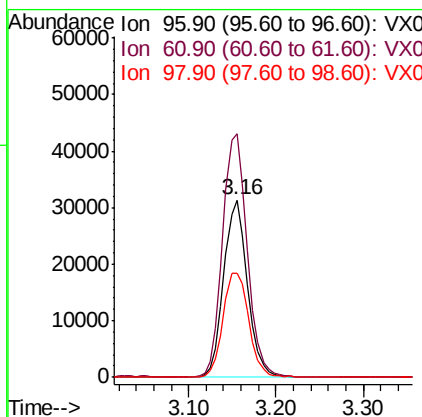
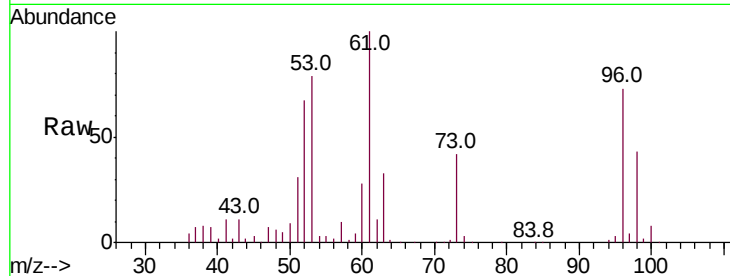
98 58.8 47.0 70.6

Manual Integrations

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#22

Diisopropyl ether

Concen: 88.052 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX012405.D

Acq: 16 Sep 2019 13:34

Tgt Ion: 45 Resp: 290407

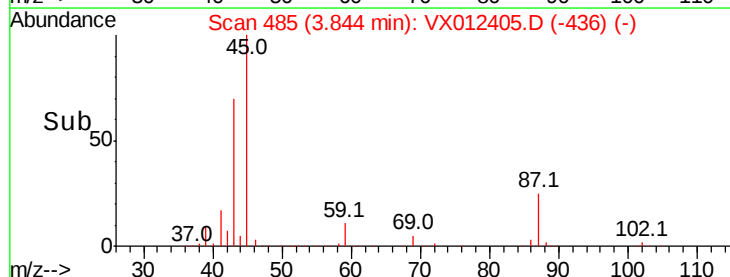
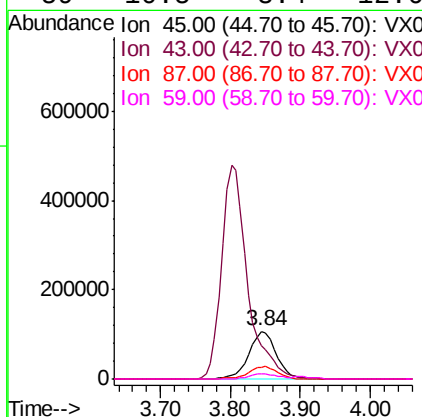
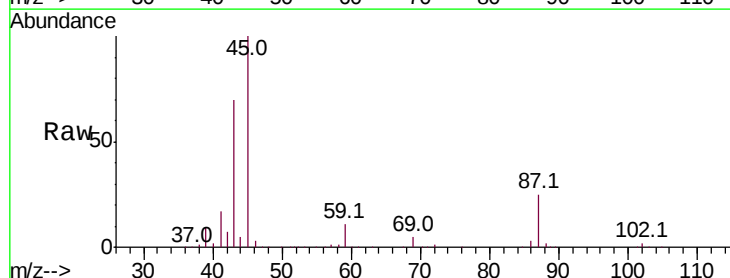
Ion Ratio Lower Upper

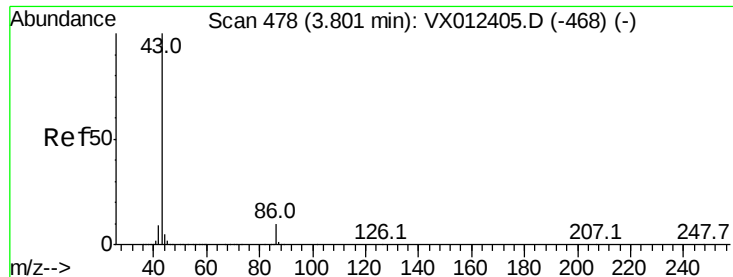
45 100

43 69.8 55.8 83.8

87 25.0 20.0 30.0

59 10.5 8.4 12.6





#23

Vinyl Acetate

Concen: 452.169 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012405.D

Acq: 16 Sep 2019 13:34

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

Tot Ion: 43 Resp: 1241239

Ion Ratio Lower Upper

43 100

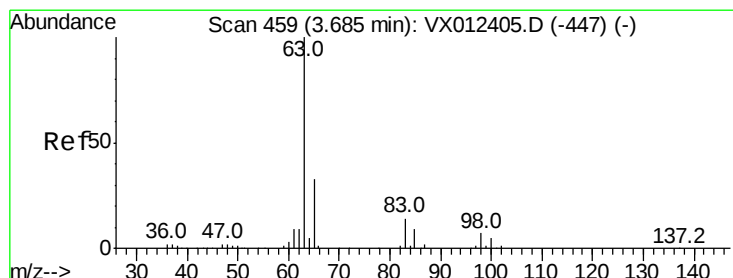
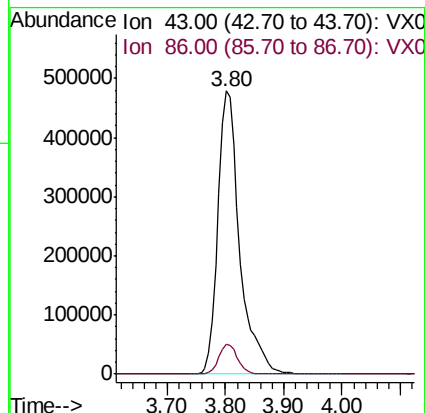
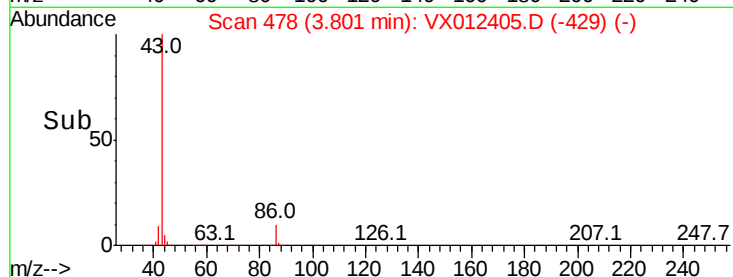
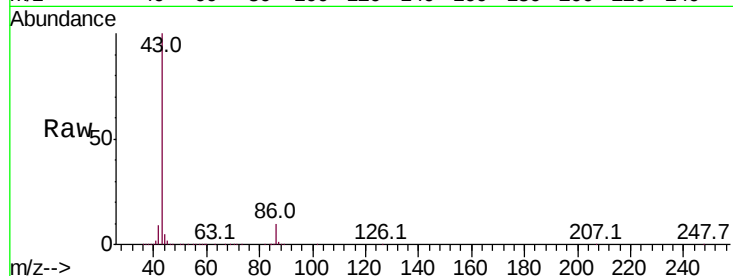
86 10.4 8.3 12.5

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 76.737 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012405.D

Acq: 16 Sep 2019 13:34

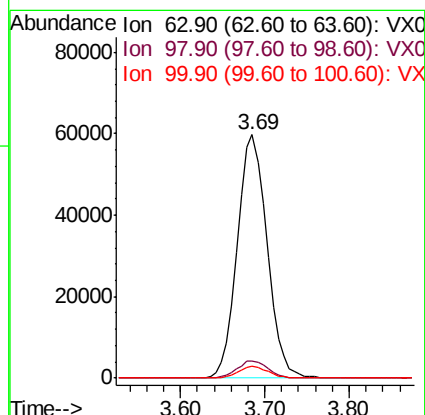
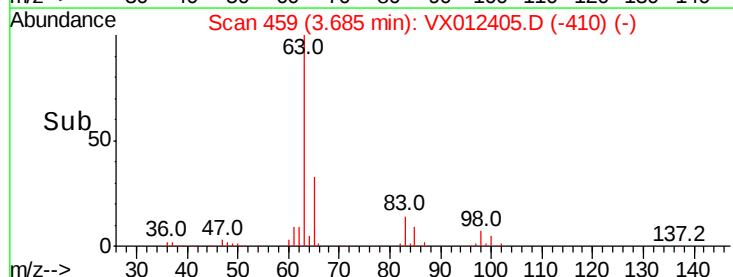
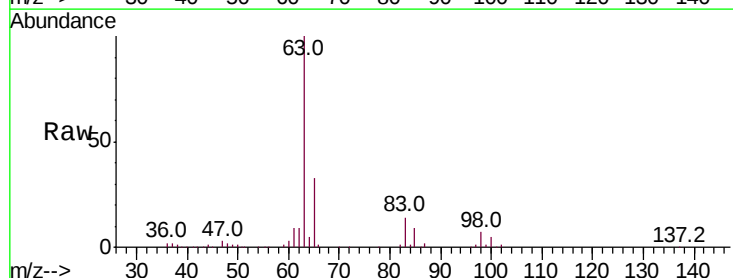
Tgt Ion: 63 Resp: 142017

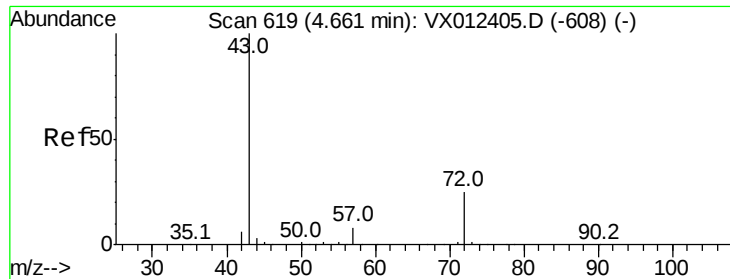
Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.6

100 5.0 2.5 7.5





#25

2-Butanone

Concen: 454.934 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX012405.D

Acq: 16 Sep 2019 13:34

Tot Ion: 43 Resp: 401795

Ion Ratio Lower Upper

43 100

72 24.7 19.8 29.6

Instrument :

MSVOA_X

ClientSampleId :

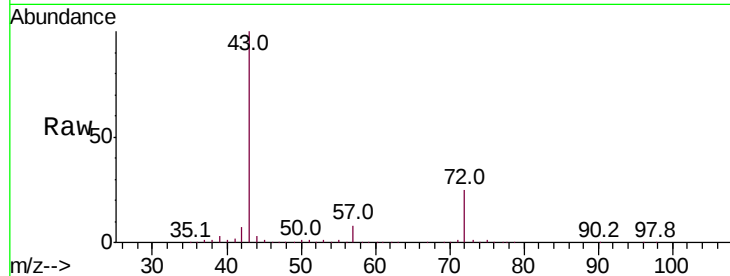
VSTDICCC050

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

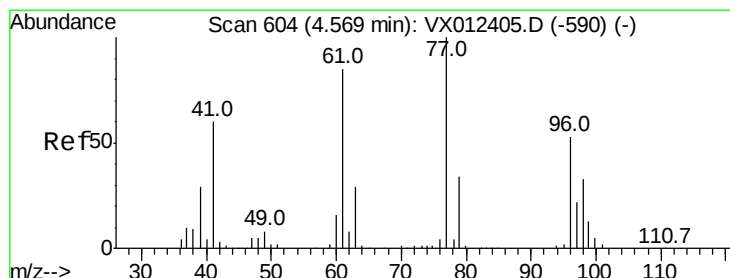
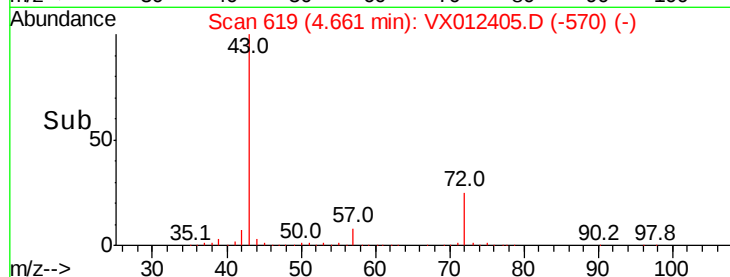
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 83.692 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX012405.D

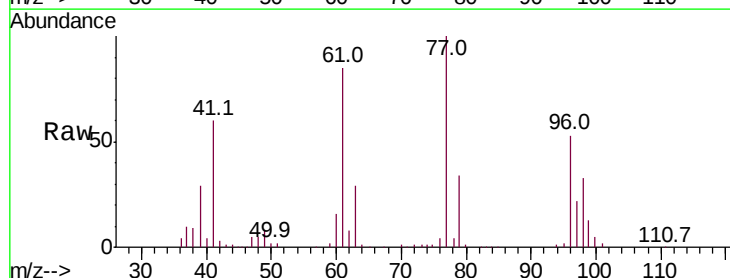
Acq: 16 Sep 2019 13:34

Tgt Ion: 77 Resp: 136119

Ion Ratio Lower Upper

77 100

97 21.4 10.7 32.1



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

50000

40000

30000

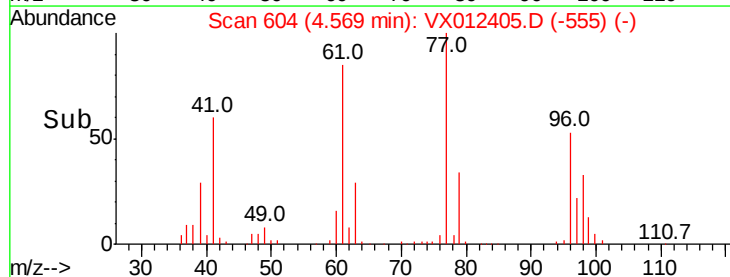
20000

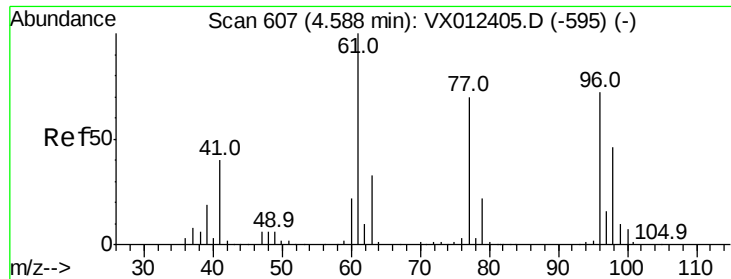
10000

0

4.40 4.50 4.60 4.70

Time-->





#27

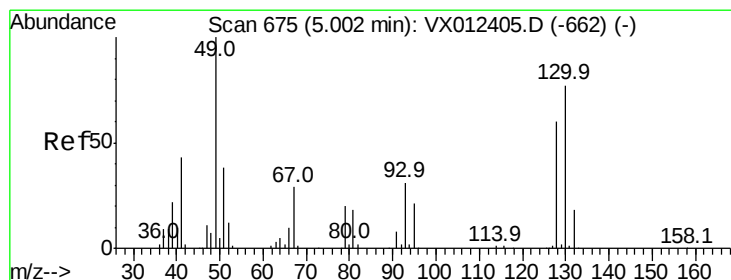
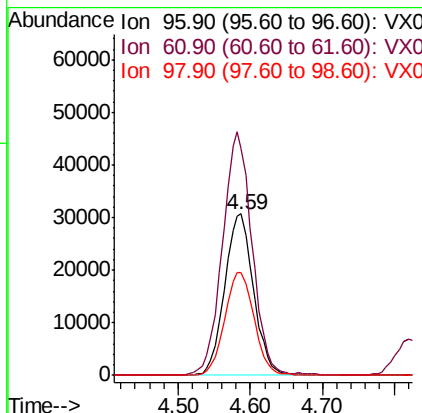
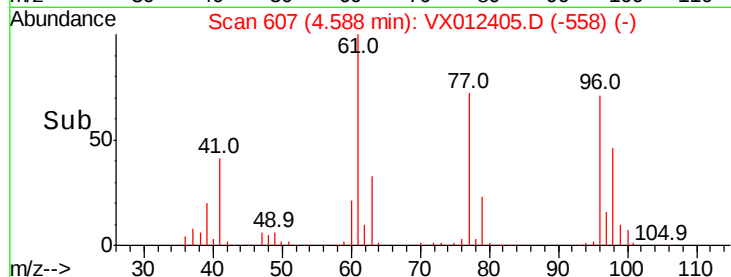
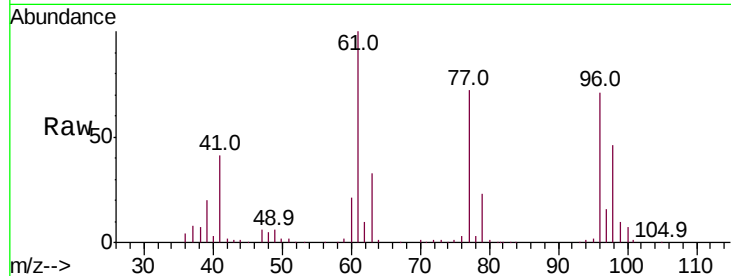
cis-1,2-Dichloroethene
Concen: 68.681 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX012405.D
Acq: 16 Sep 2019 13:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	153.8	0.0	307.6
98	64.9	0.0	129.8

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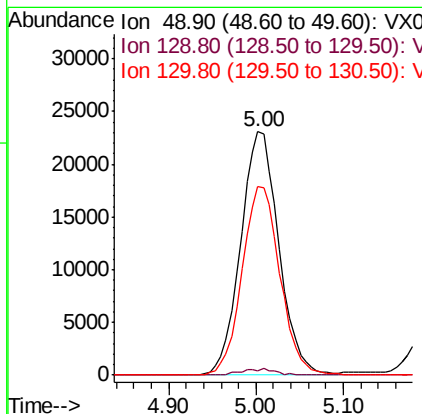
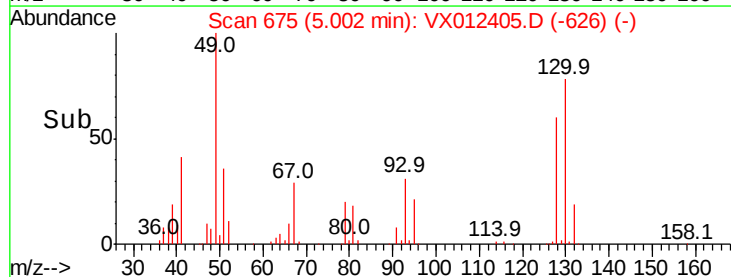
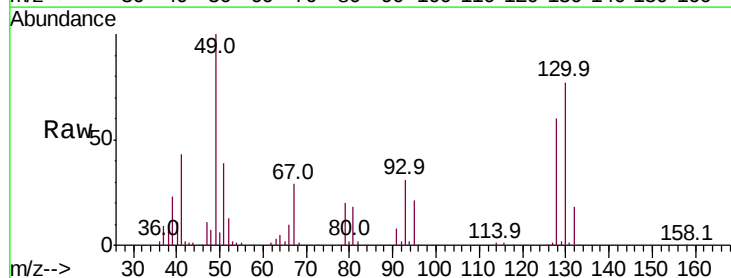
MMDadoda
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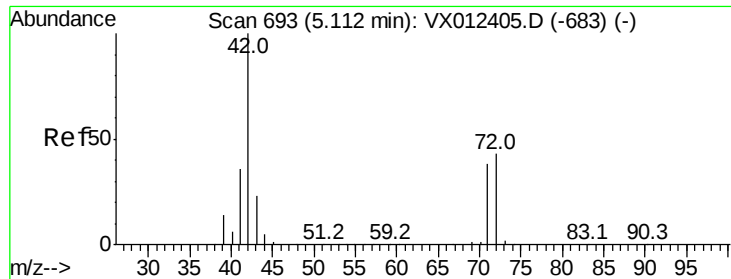


#28

Bromochloromethane
Concen: 81.637 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX012405.D
Acq: 16 Sep 2019 13:34

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.6
130	76.6	61.3	91.9





#29

Tetrahydrofuran

Concen: 431.768 ug/l

RT: 5.11 min Scan# 693

Delta R.T. 0.00 min

Lab File: VX012405.D

Acq: 16 Sep 2019 13:34

Instrument :

MSVOA_X

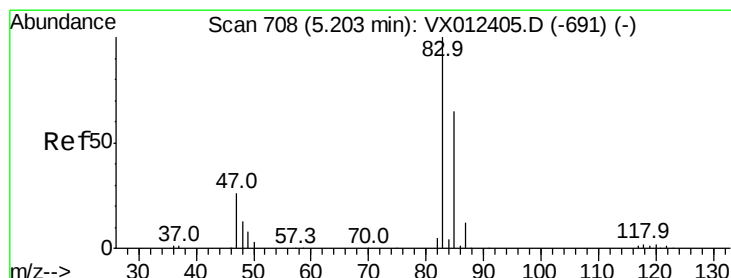
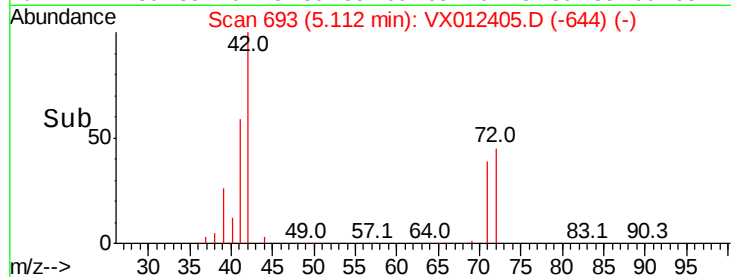
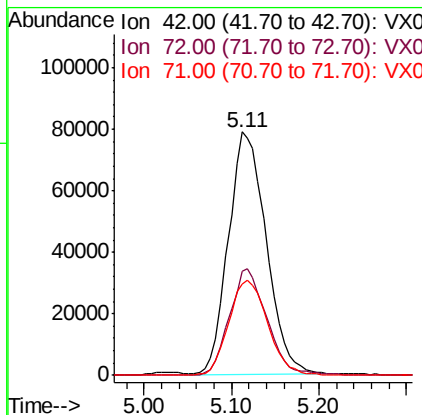
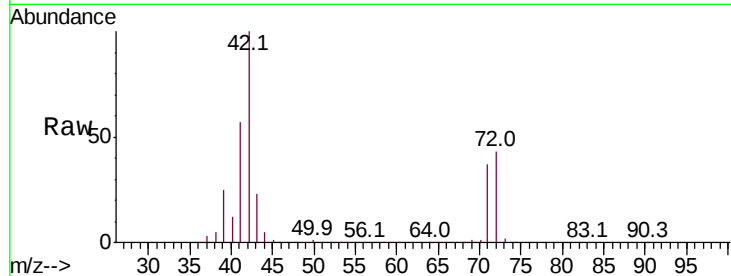
ClientSampleId :

VSTDICCC050

Tot Ion:	42	Resp:	237139
Ion	Ratio	Lower	Upper
42	100		
72	43.6	34.9	52.3
71	40.7	32.6	48.8

Manual Integrations
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#30

Chloroform

Concen: 78.786 ug/l

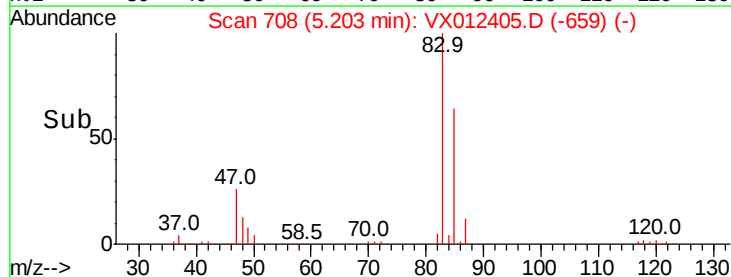
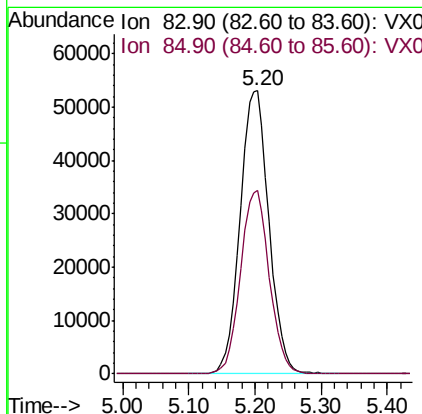
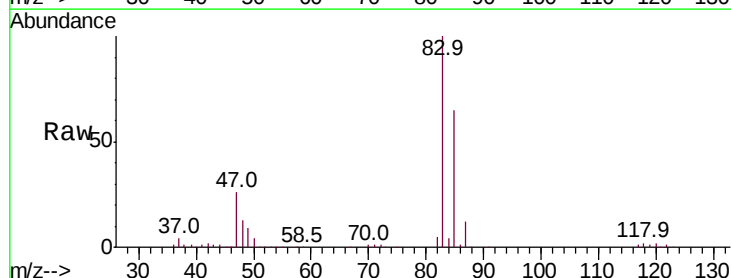
RT: 5.20 min Scan# 708

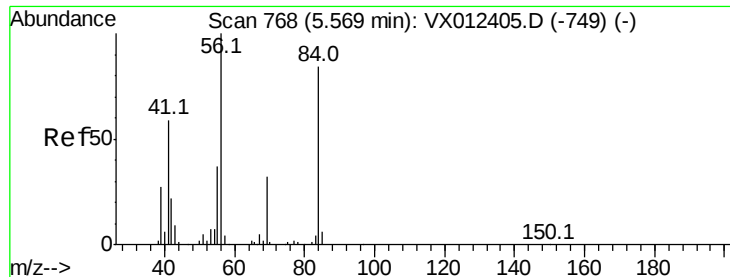
Delta R.T. 0.00 min

Lab File: VX012405.D

Acq: 16 Sep 2019 13:34

Tgt Ion:	83	Resp:	160431
Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.9	77.9





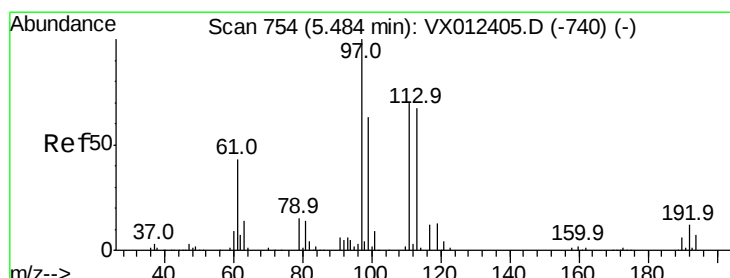
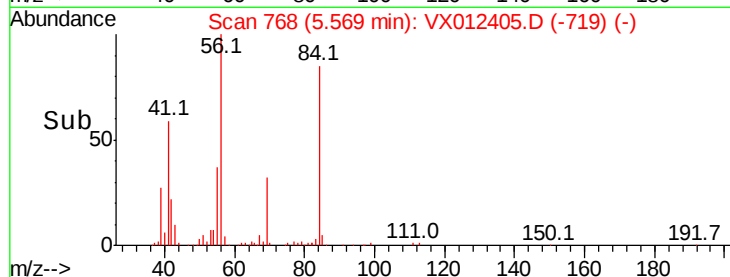
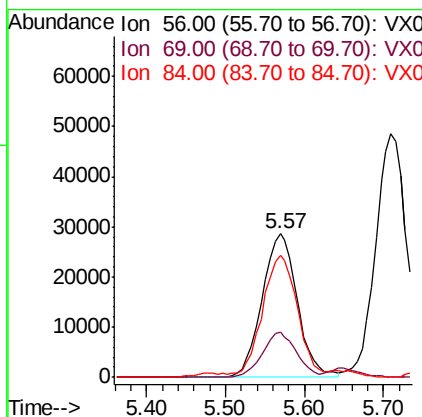
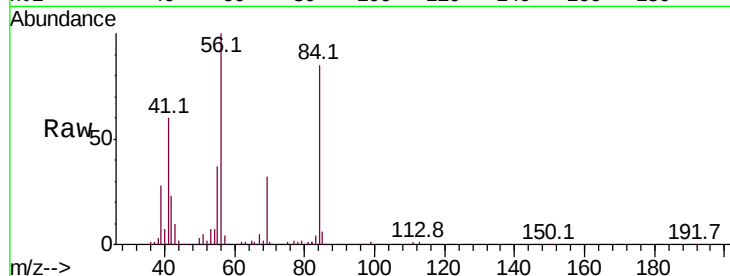
#31
Cyclohexane
Concen: 59.010 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX012405.D
Acq: 16 Sep 2019 13:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.1	24.9	37.3
84	84.0	67.2	100.8

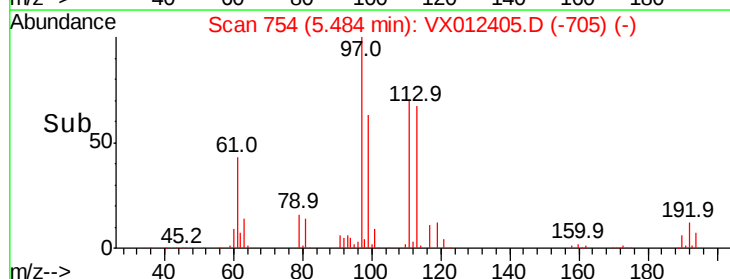
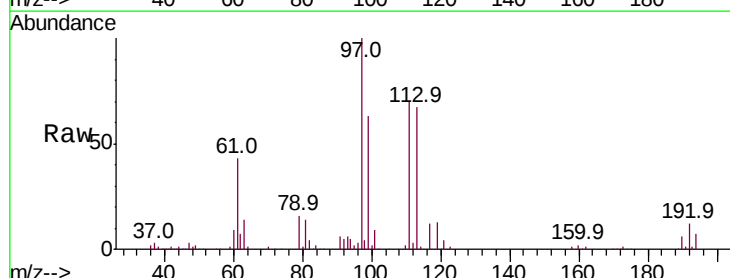
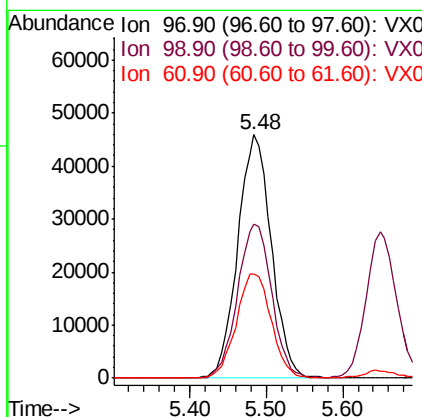
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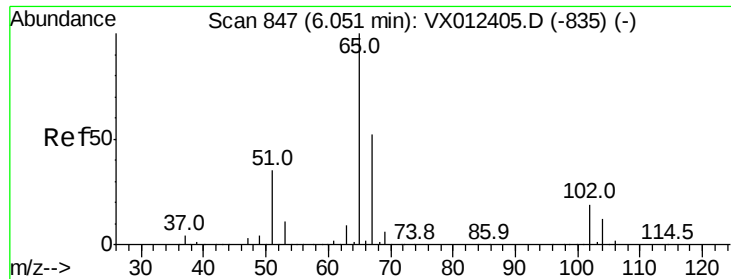
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#32
1,1,1-Trichloroethane
Concen: 79.634 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX012405.D
Acq: 16 Sep 2019 13:34

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.7	77.5
61	44.6	35.7	53.5





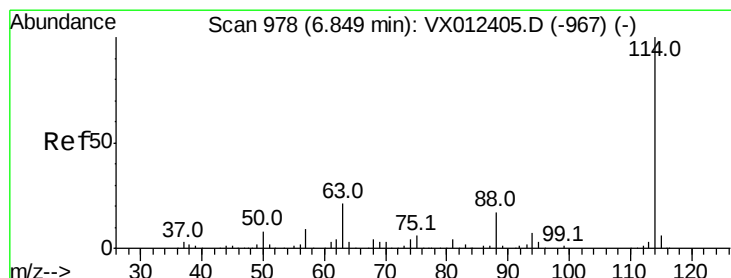
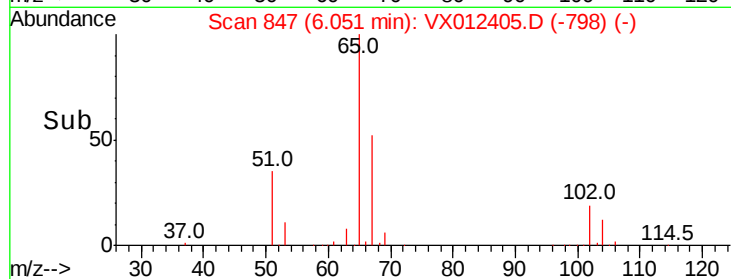
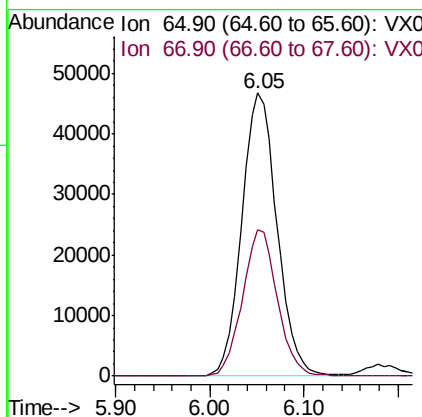
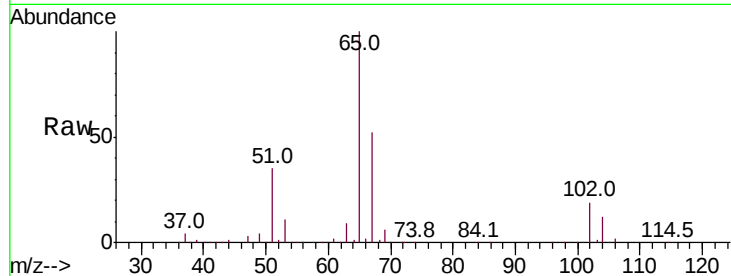
#33
 1,2-Dichloroethane-d4
 Concen: 84.883 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012405.D
 Acq: 16 Sep 2019 13:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	122500		
67	51.4	0.0	102.8	

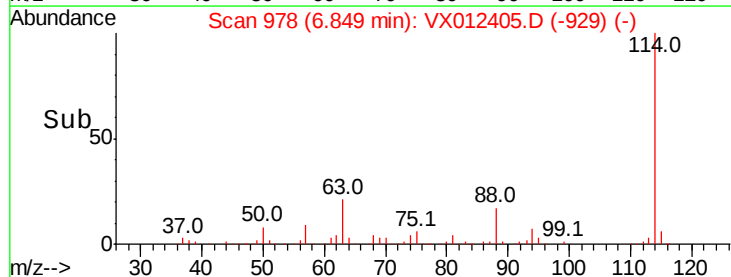
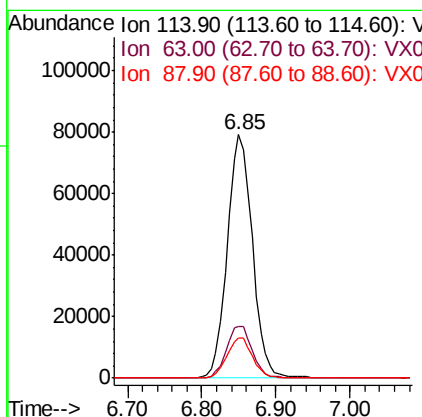
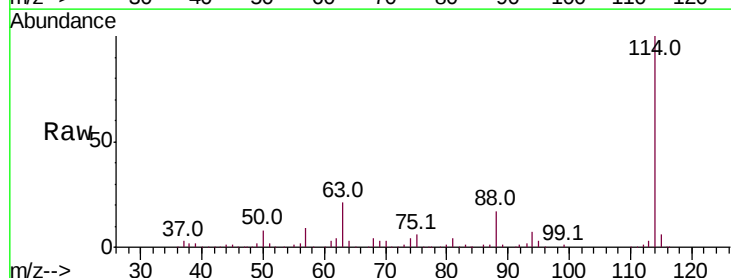
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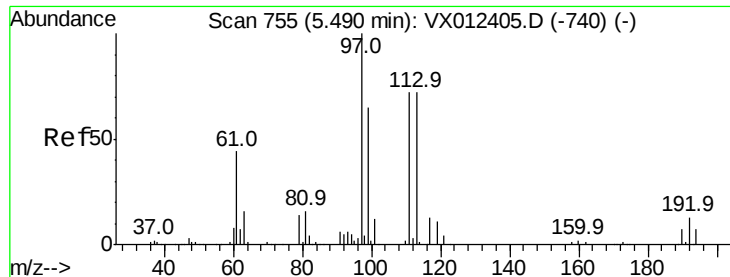
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012405.D
 Acq: 16 Sep 2019 13:34

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	187526		
63	21.2	0.0	42.4	
88	16.7	0.0	33.4	





#35

Dibromofluoromethane

Concen: 68.559 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012405.D

Acq: 16 Sep 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:113 Resp: 91539

Ion Ratio Lower Upper

113 100

111 102.2 81.8 122.6

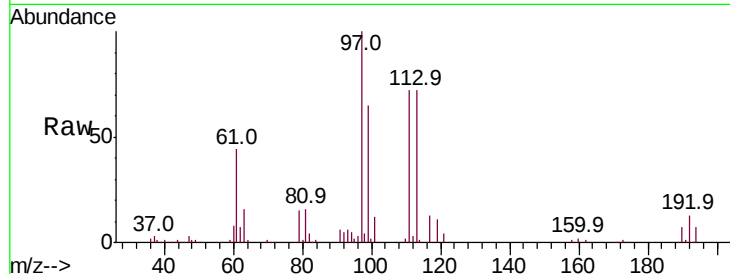
192 18.7 15.0 22.4

Manual Integrations

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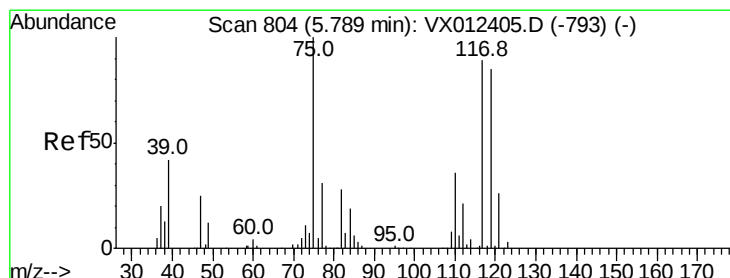
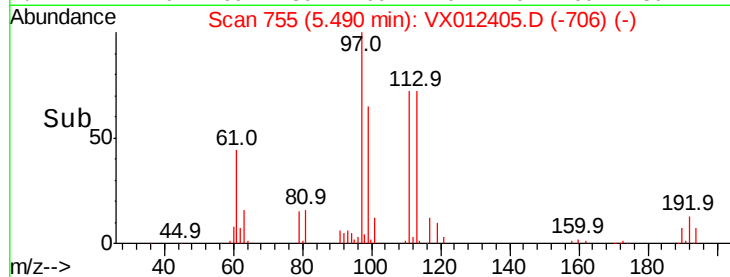
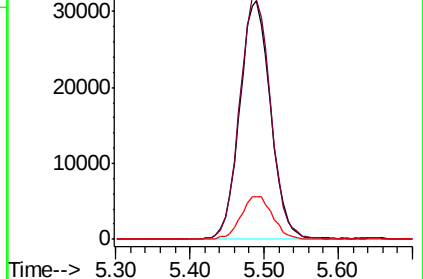
9/23/2019 5:04:11 PM



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 58.631 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX012405.D

Acq: 16 Sep 2019 13:34

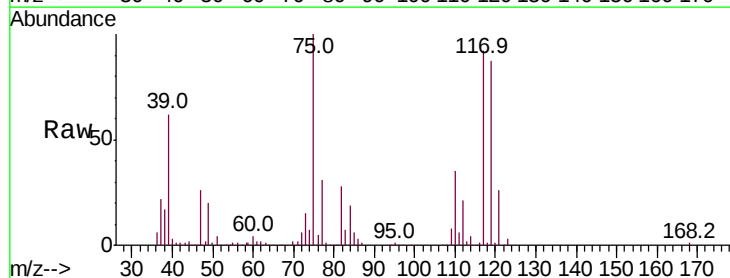
Tgt Ion: 75 Resp: 89281

Ion Ratio Lower Upper

75 100

110 34.8 17.4 52.2

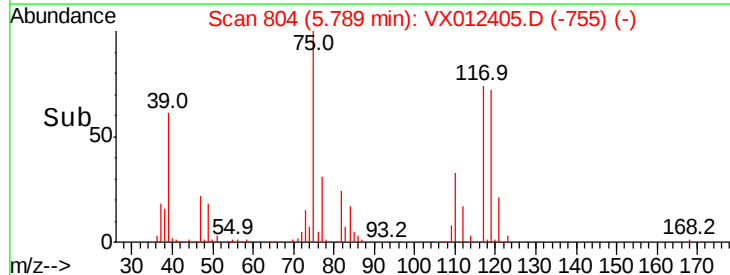
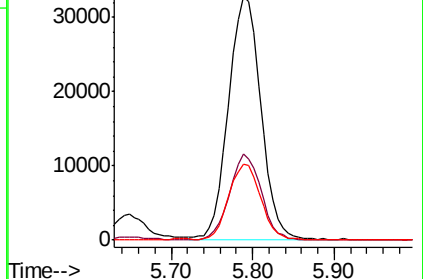
77 31.0 24.8 37.2

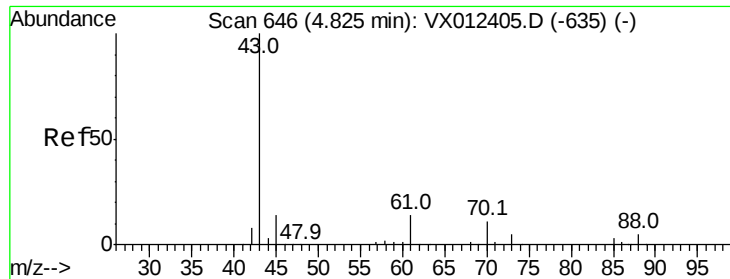


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





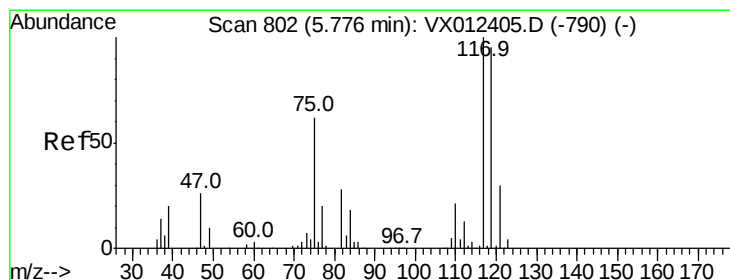
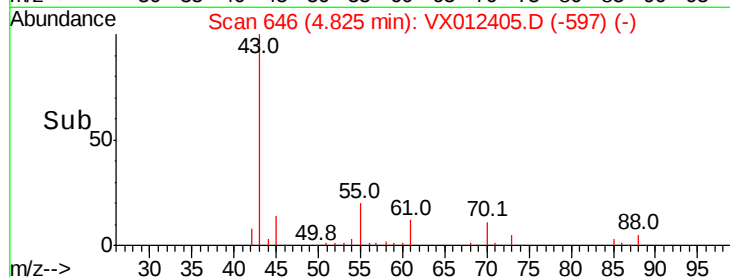
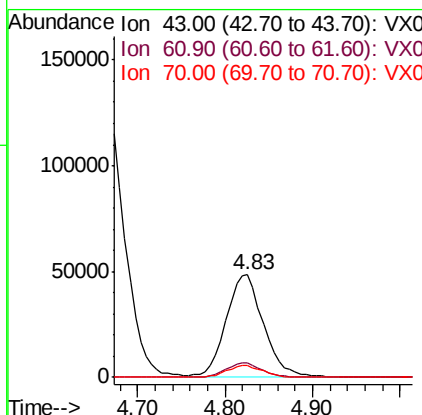
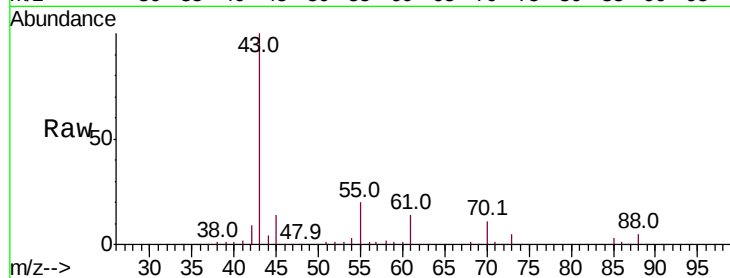
#37
Ethyl Acetate
Concen: 81.135 ug/l
RT: 4.83 min Scan# 646
Delta R.T. 0.00 min
Lab File: VX012405.D
Acq: 16 Sep 2019 13:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.2	16.8
70	11.3	9.0	13.6

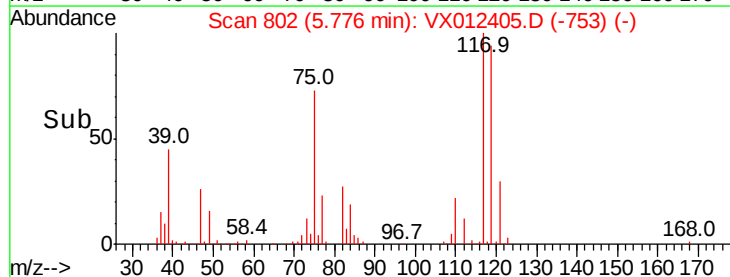
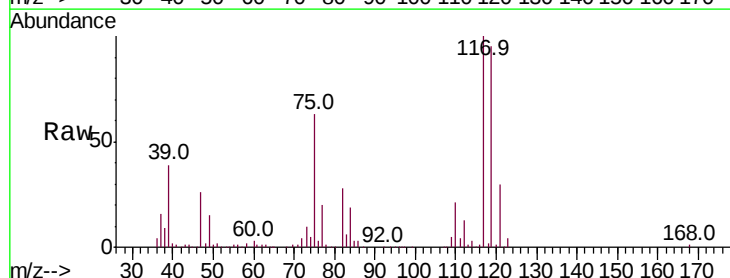
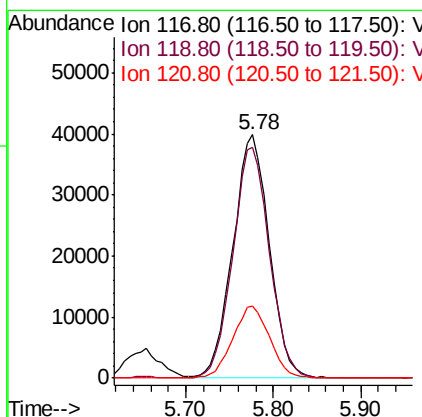
Manual Integrations
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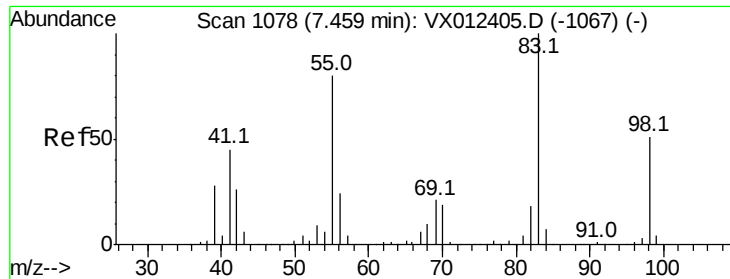
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#38
Carbon Tetrachloride
Concen: 64.994 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX012405.D
Acq: 16 Sep 2019 13:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	75.8	113.8
121	29.7	23.8	35.6





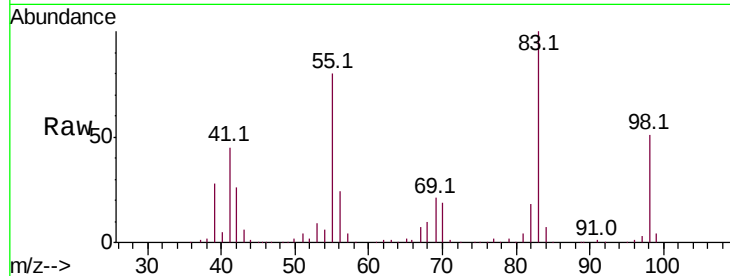
#39
Methvlcvclohexane
Concen: 50.860 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX012405.D
Acq: 16 Sep 2019 13:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

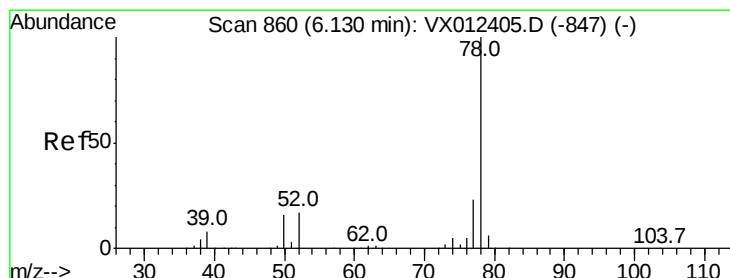
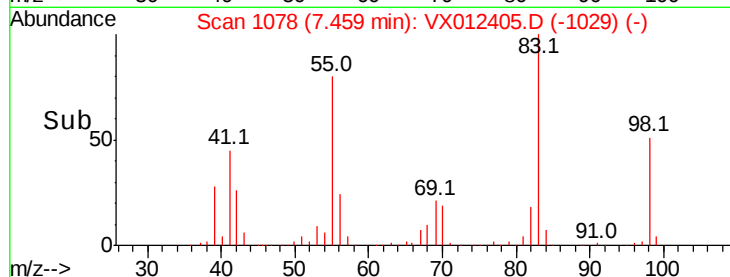
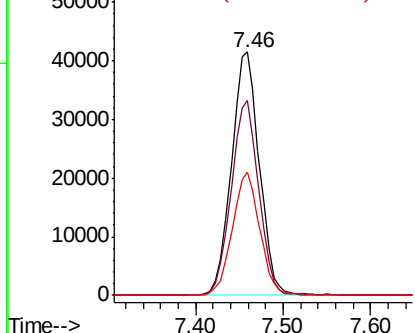
Tot Ion	Ratio	Lower	Upper
83	100		
55	79.7	63.8	95.6
98	50.8	40.6	61.0

Manual Integrations
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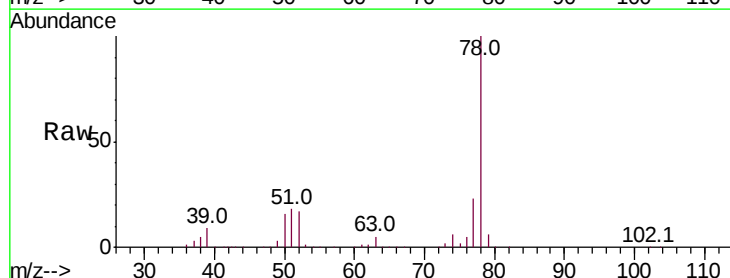


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

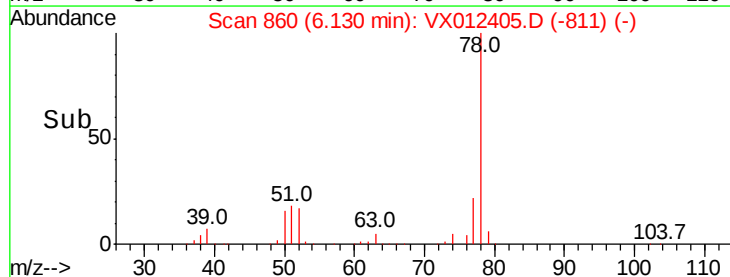
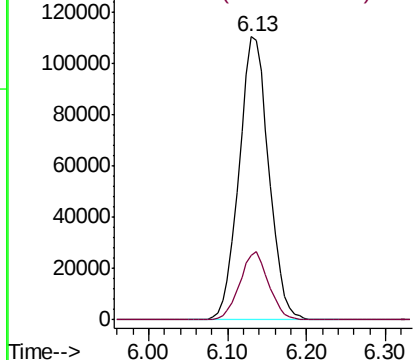


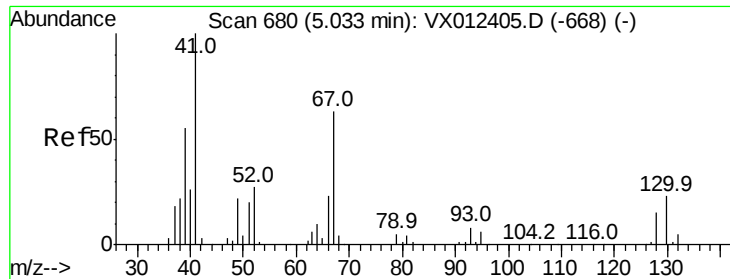
#40
Benzene
Concen: 60.696 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX012405.D
Acq: 16 Sep 2019 13:34

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.7	18.2	27.2



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





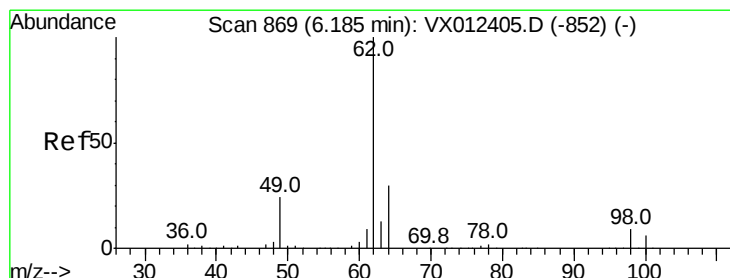
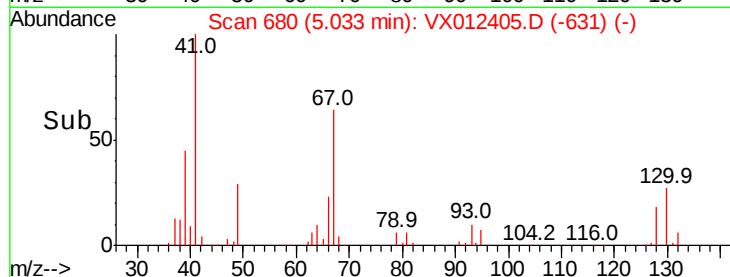
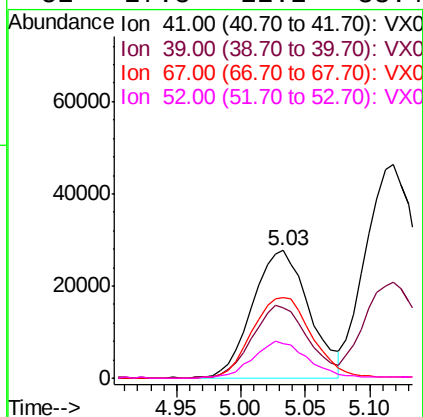
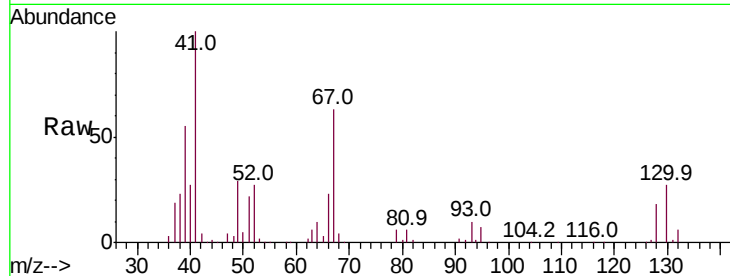
#41
Methacrylonitrile
Concen: 81.518 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.00 min
Lab File: VX012405.D
Acq: 16 Sep 2019 13:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.5	44.4	66.6	
67	67.3	53.8	80.8	
52	27.8	22.2	33.4	

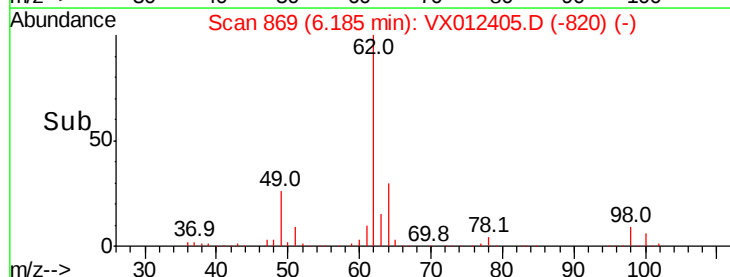
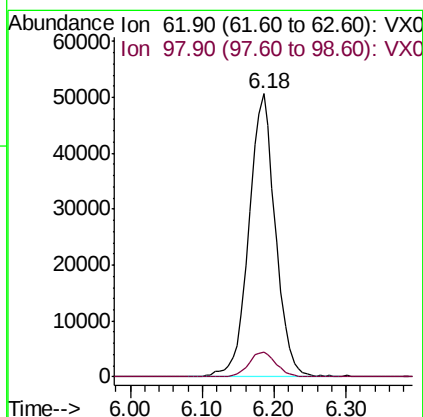
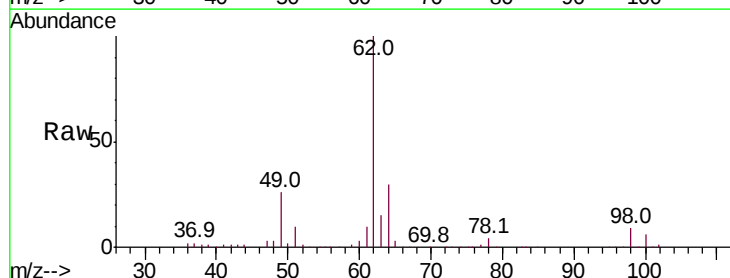
Manual Integrations
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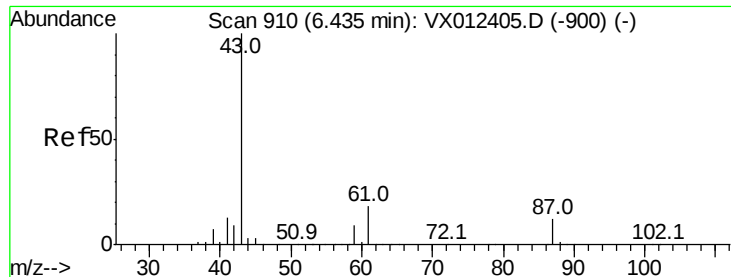
MMDadoda
9/23/2019 5:04:11 PM



#42
1,2-Dichloroethane
Concen: 71.320 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX012405.D
Acq: 16 Sep 2019 13:34

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.9	0.0	17.8	





#43

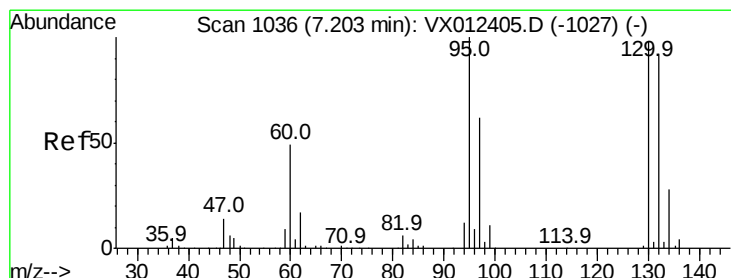
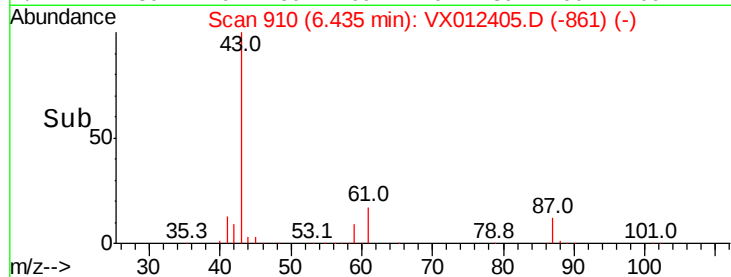
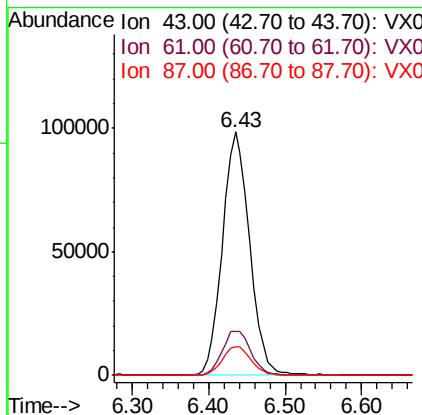
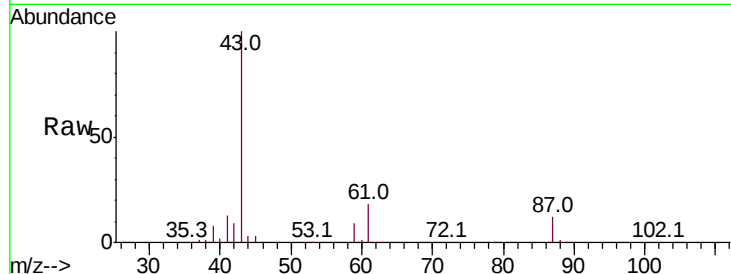
Isopropyl Acetate
 Concen: 83.435 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX012405.D
 Acq: 16 Sep 2019 13:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.4	15.5	23.3
87	12.5	10.0	15.0

Manual Integrations
 APPROVED

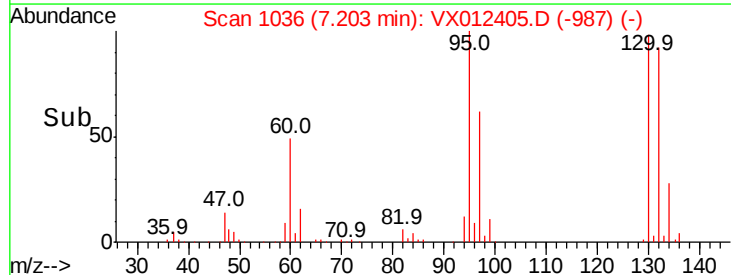
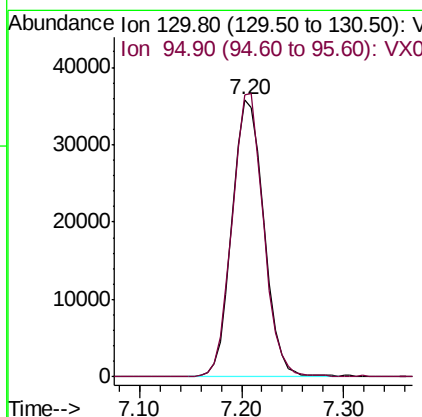
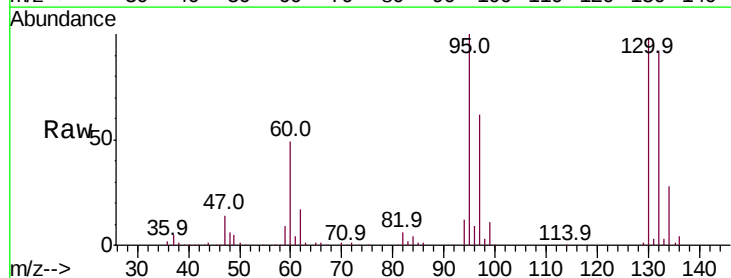
MMDadoda
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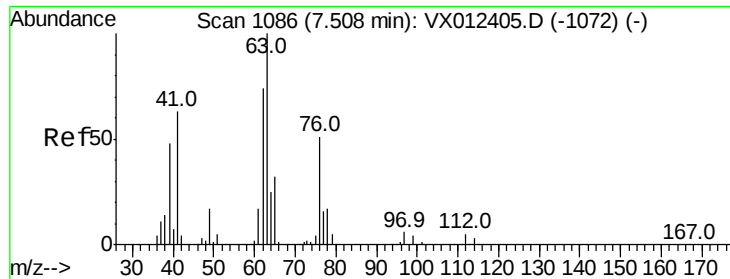


#44

Trichloroethene
 Concen: 54.410 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: VX012405.D
 Acq: 16 Sep 2019 13:34

Tgt Ion	Ratio	Lower	Upper
130	100		
95	101.6	0.0	203.2





#45

1,2-Dichloropropane

Concen: 68.527 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX012405.D

Acq: 16 Sep 2019 13:34

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

Tot Ion: 63 Resp: 84446

Ion Ratio Lower Upper

63 100

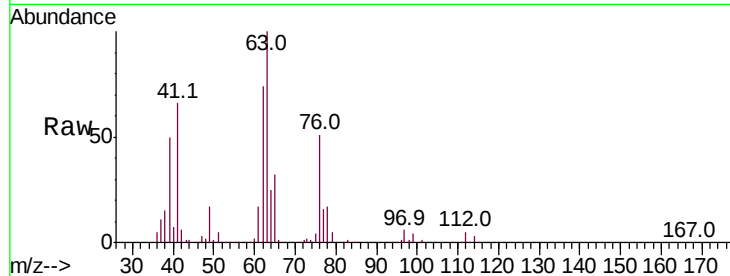
65 32.0 25.6 38.4

Manual Integrations

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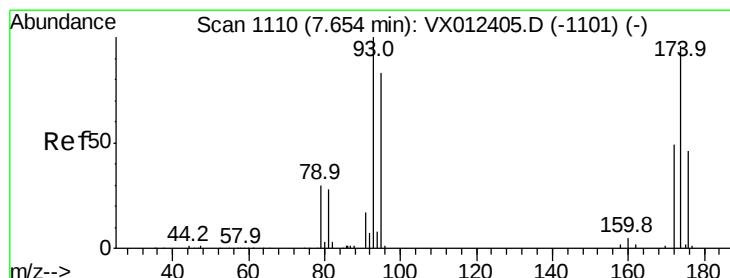
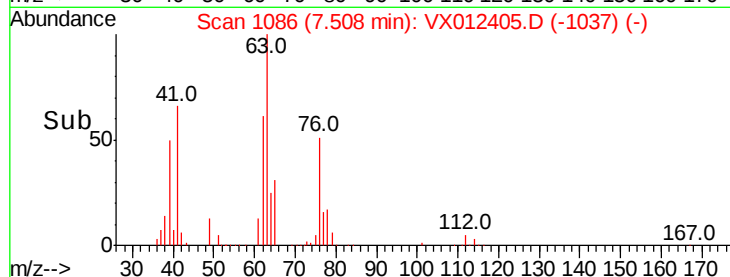
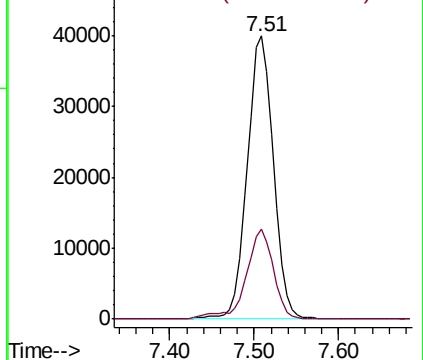
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 63.787 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX012405.D

Acq: 16 Sep 2019 13:34

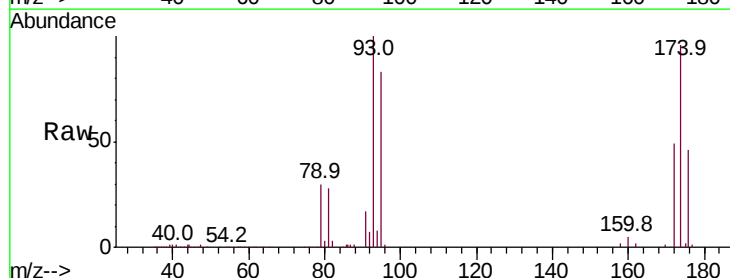
Tgt Ion: 93 Resp: 56998

Ion Ratio Lower Upper

93 100

95 82.7 66.2 99.2

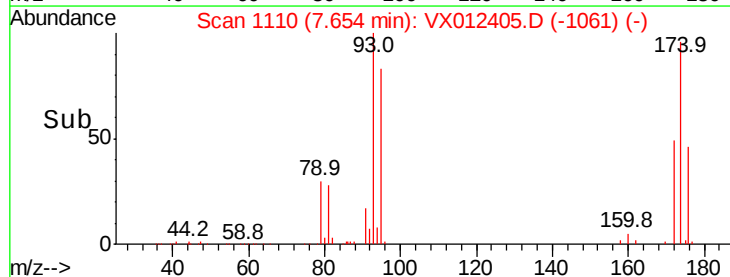
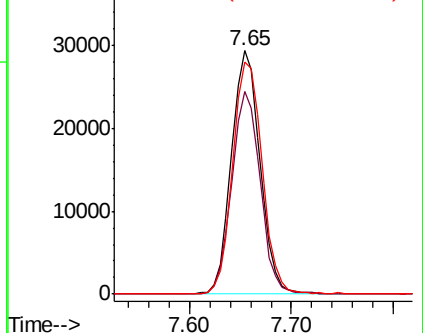
174 98.3 78.6 118.0

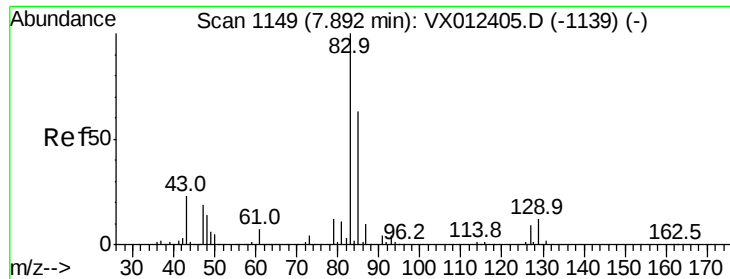


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 77.557 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012405.D

Acq: 16 Sep 2019 13:34

Instrument :

MSVOA_X

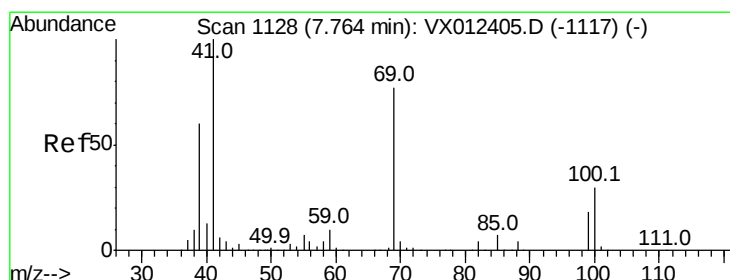
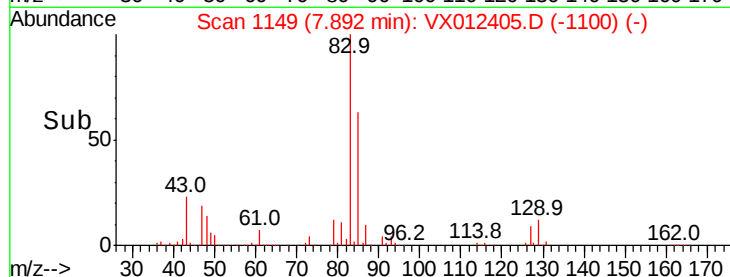
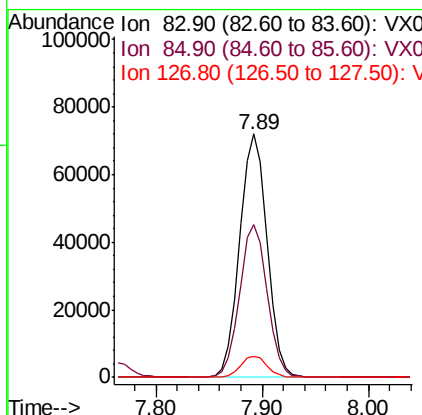
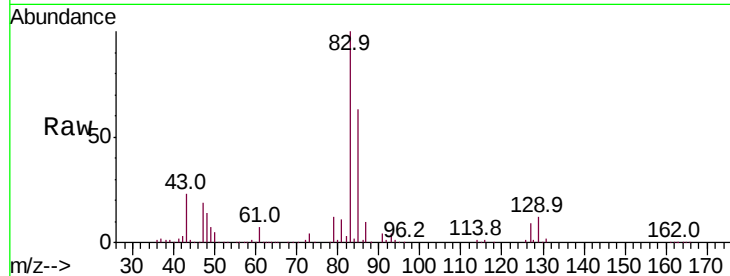
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	131073
Ion	Ratio	Lower	Upper
83	100		
85	62.8	50.2	75.4
127	8.6	6.9	10.3

Manual Integrations
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#48

Methyl methacrylate

Concen: 80.879 ug/l

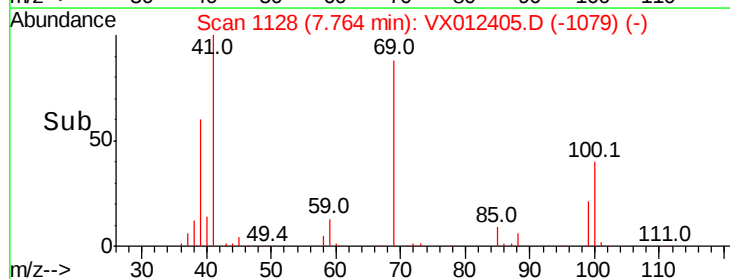
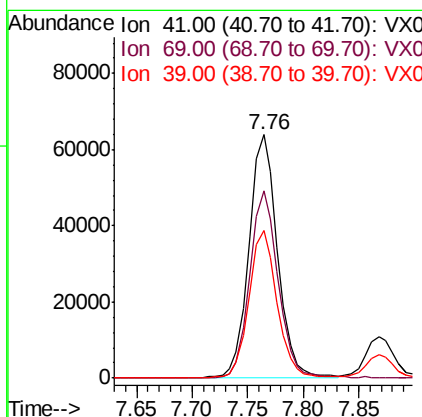
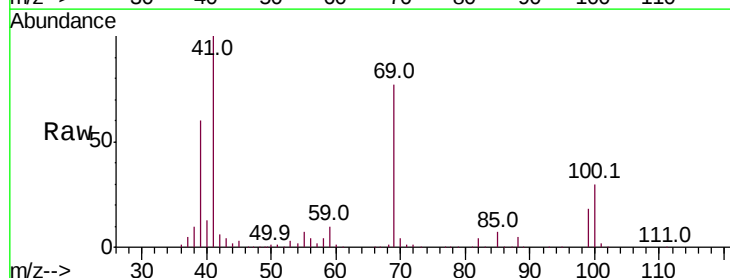
RT: 7.76 min Scan# 1128

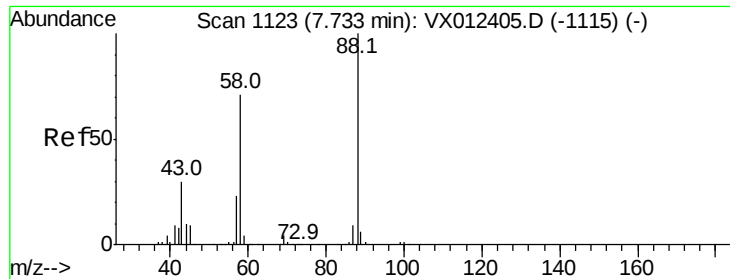
Delta R.T. 0.00 min

Lab File: VX012405.D

Acq: 16 Sep 2019 13:34

Tgt Ion:	41	Resp:	114307
Ion	Ratio	Lower	Upper
41	100		
69	77.0	61.6	92.4
39	59.5	47.6	71.4





#49

1,4-Dioxane

Concen: 1465.391 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX012405.D

Acq: 16 Sep 2019 13:34

Instrument :

MSVOA_X

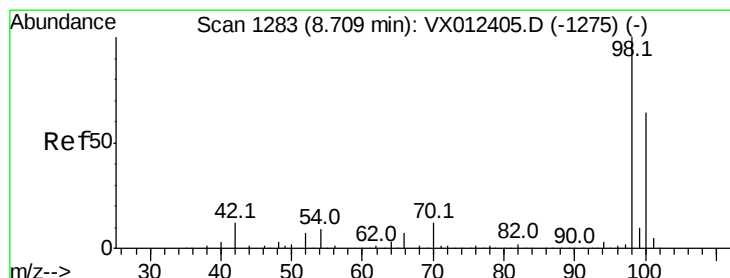
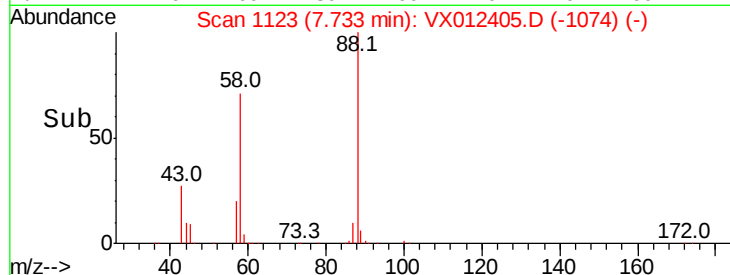
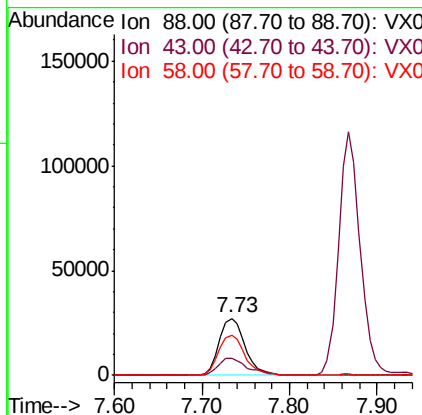
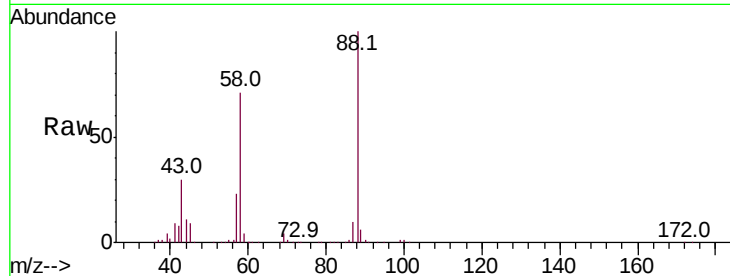
ClientSampleId :

VSTDICCC050

Tot Ion:	88	Resp:	56213
Ion	Ratio	Lower	Upper
88	100		
43	33.2	26.6	39.8
58	71.4	57.1	85.7

Manual Integrations
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#50

Toluene-d8

Concen: 71.444 ug/l

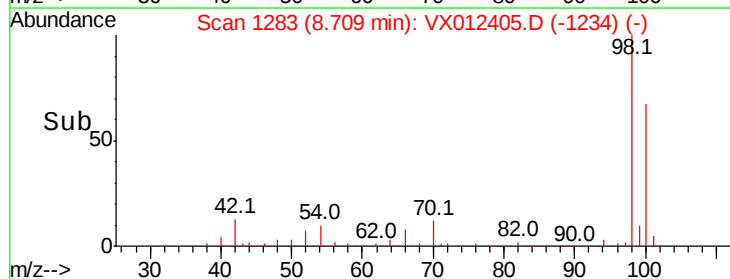
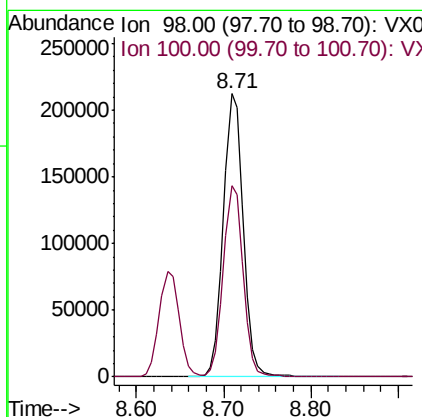
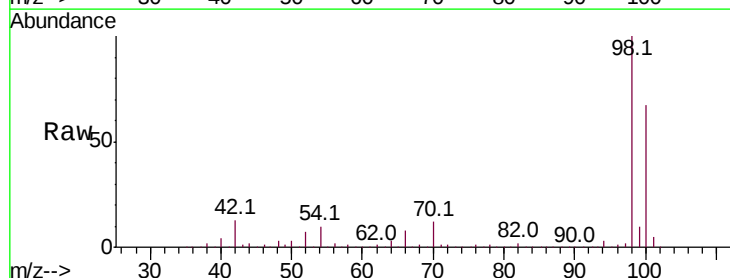
RT: 8.71 min Scan# 1283

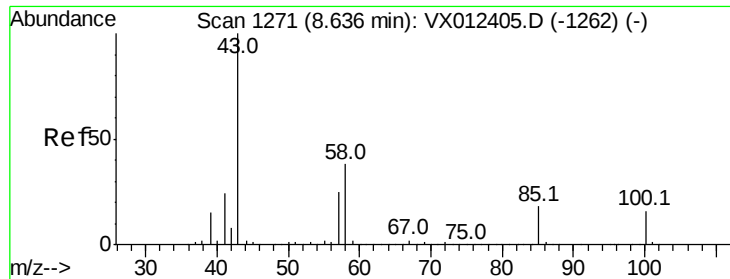
Delta R.T. 0.00 min

Lab File: VX012405.D

Acq: 16 Sep 2019 13:34

Tgt Ion:	98	Resp:	333762
Ion	Ratio	Lower	Upper
98	100		
100	68.0	54.4	81.6





#51

4-Methyl-2-Pentanone

Concen: 417.121 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012405.D

Acq: 16 Sep 2019 13:34

Tot Ion: 43 Resp: 794492

Ion Ratio Lower Upper

43 100

58 37.8 30.2 45.4

Instrument :

MSVOA_X

ClientSampleId :

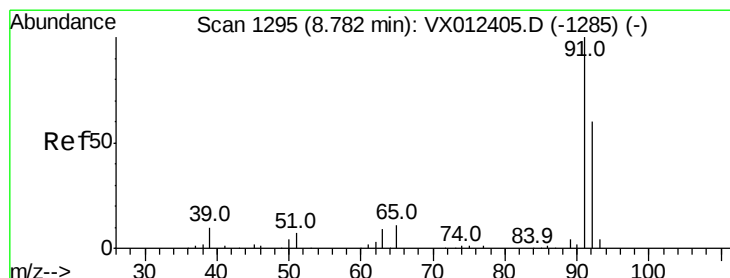
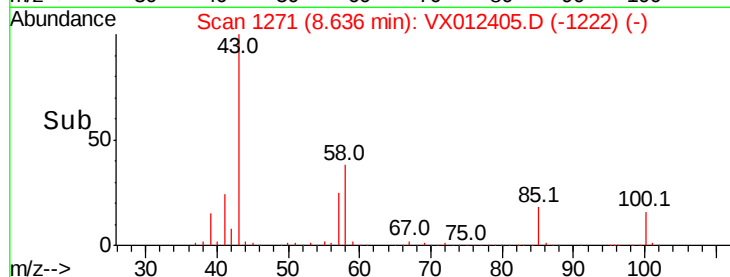
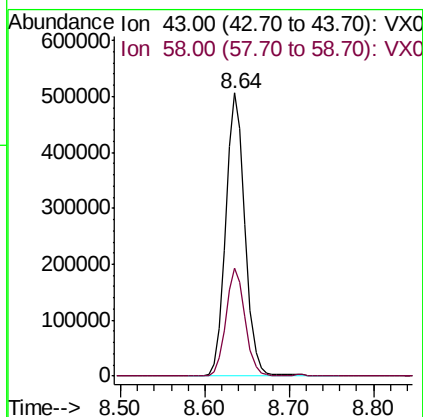
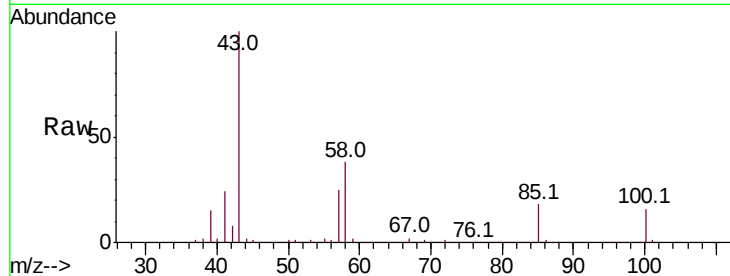
VSTDICCC050

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#52

Toluene

Concen: 61.755 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX012405.D

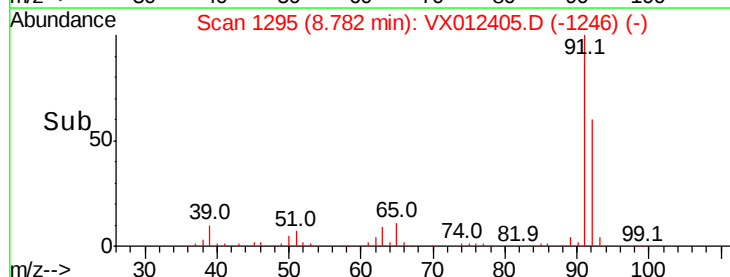
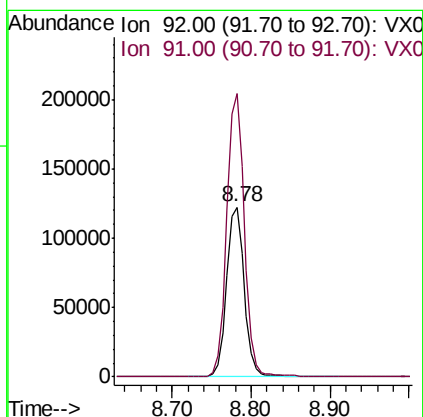
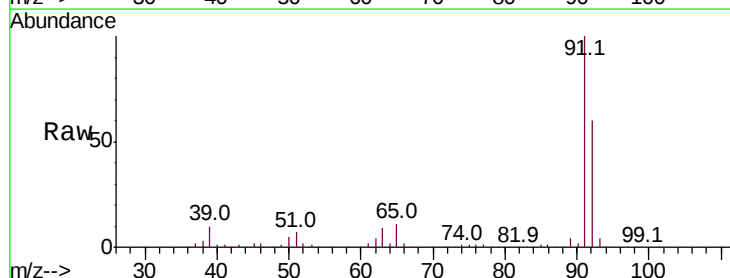
Acq: 16 Sep 2019 13:34

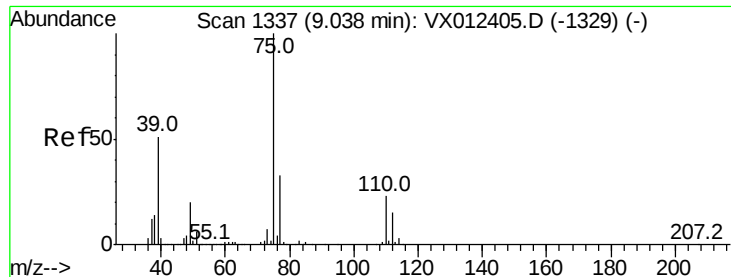
Tgt Ion: 92 Resp: 190067

Ion Ratio Lower Upper

92 100

91 166.6 133.3 199.9





#53

t-1,3-Dichloropropene

Concen: 78.043 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX012405.D

Acq: 16 Sep 2019 13:34

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

Tot Ion: 75 Resp: 137837

Ion Ratio Lower Upper

75 100

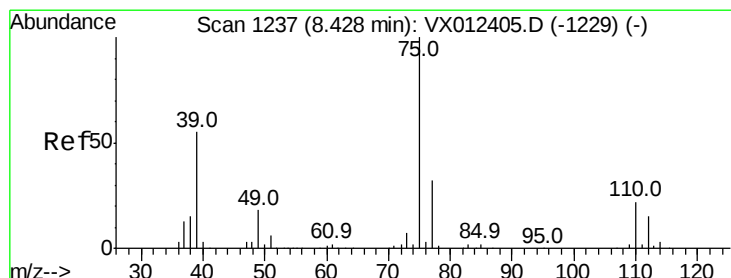
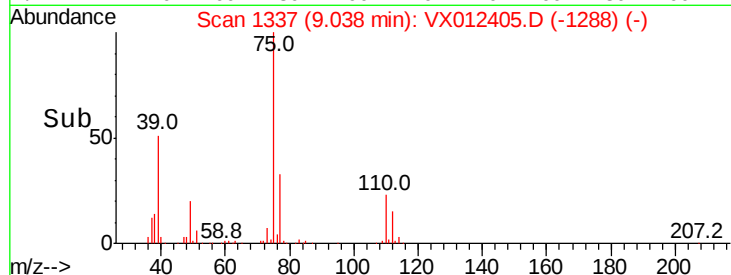
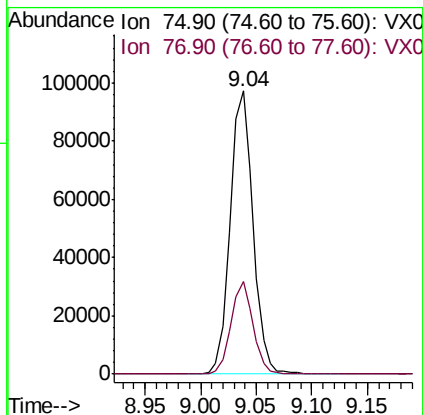
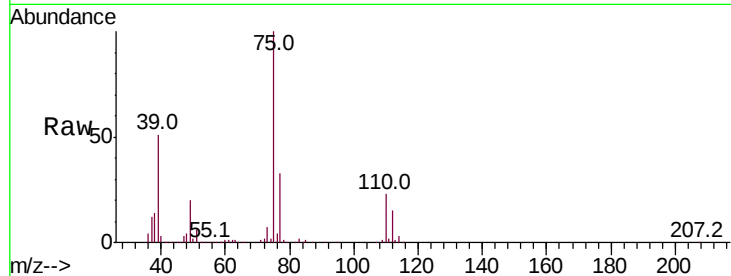
77 32.6 26.1 39.1

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 74.570 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX012405.D

Acq: 16 Sep 2019 13:34

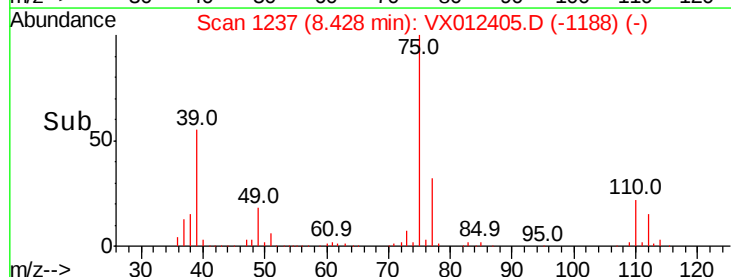
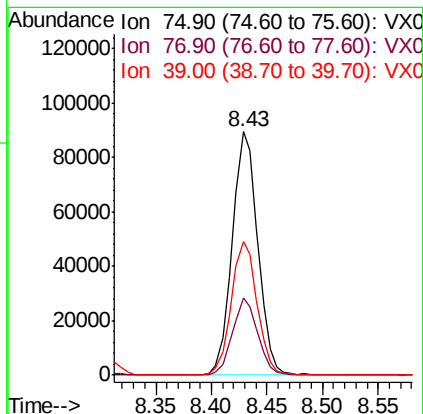
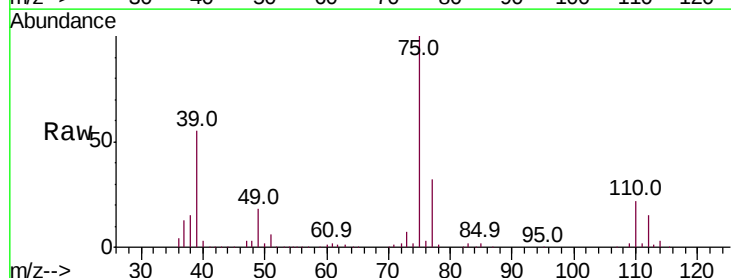
Tgt Ion: 75 Resp: 141748

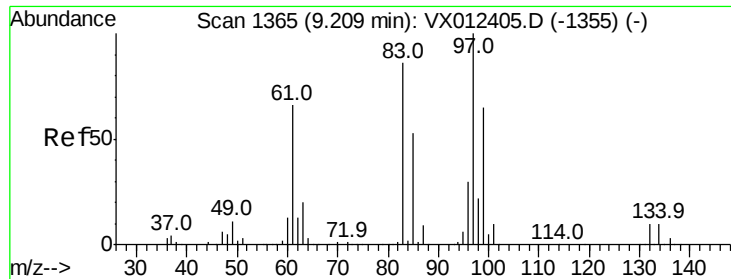
Ion Ratio Lower Upper

75 100

77 31.5 25.2 37.8

39 54.8 43.8 65.8





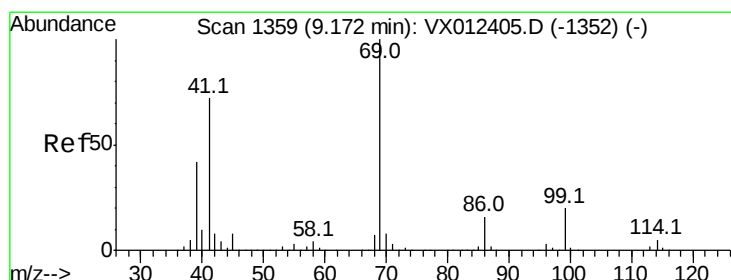
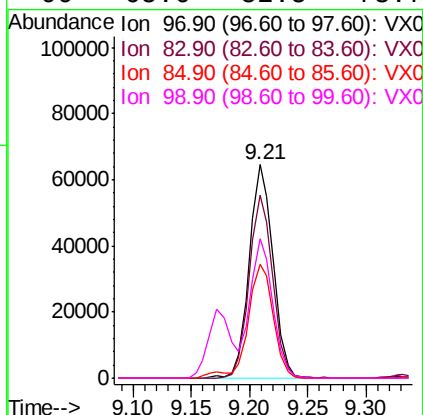
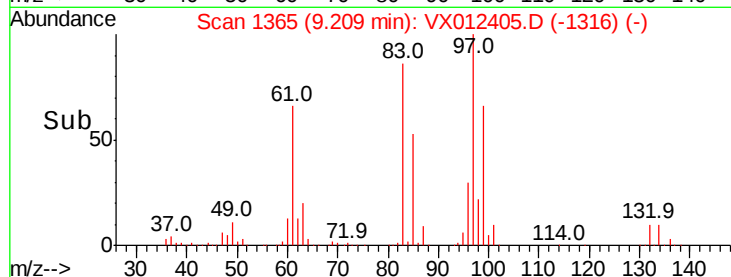
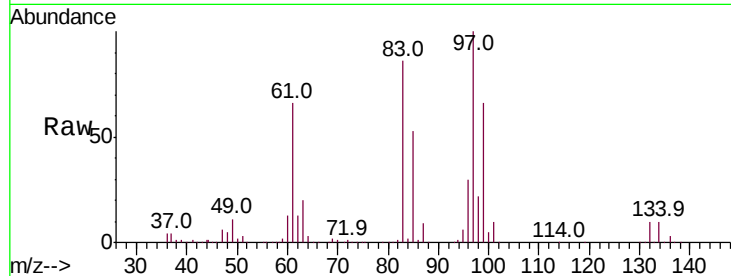
#55
 1,1,2-Trichloroethane
 Concen: 69.711 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012405.D
 Acq: 16 Sep 2019 13:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
97	100		
83	85.6	68.5	102.7
85	53.3	42.6	64.0
99	65.6	52.5	78.7

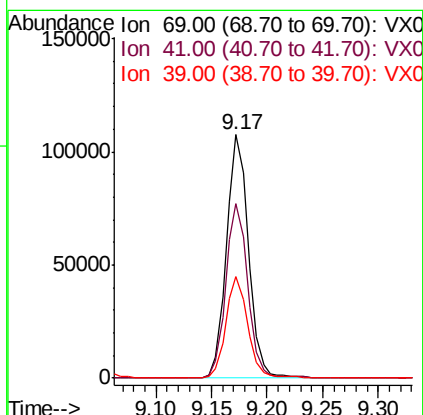
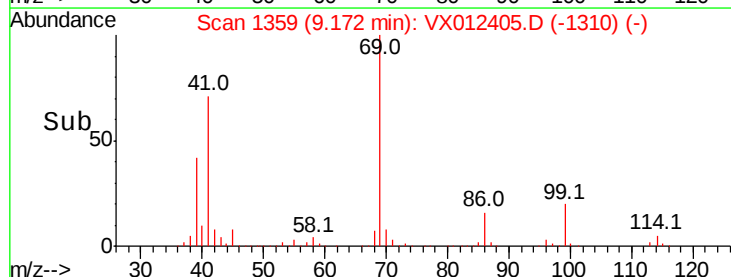
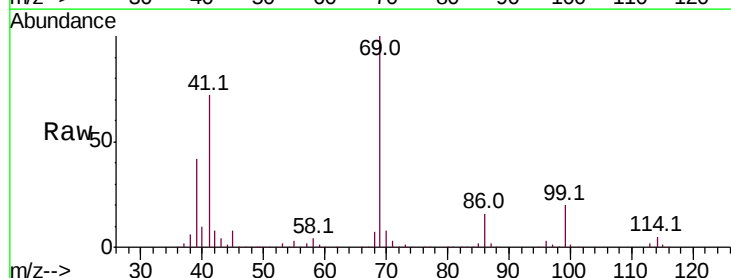
Manual Integrations
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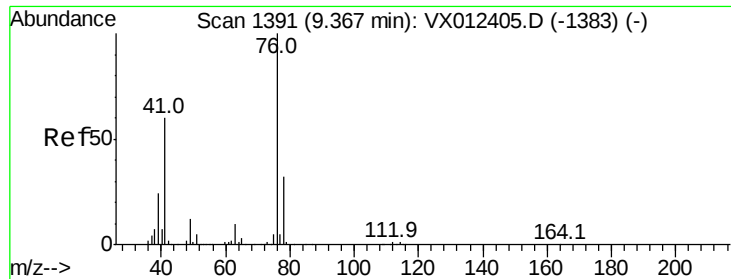
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#56
 Ethyl methacrylate
 Concen: 77.015 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012405.D
 Acq: 16 Sep 2019 13:34

Tgt Ion	Ratio	Lower	Upper
69	100		
41	71.3	57.0	85.6
39	40.8	32.6	49.0





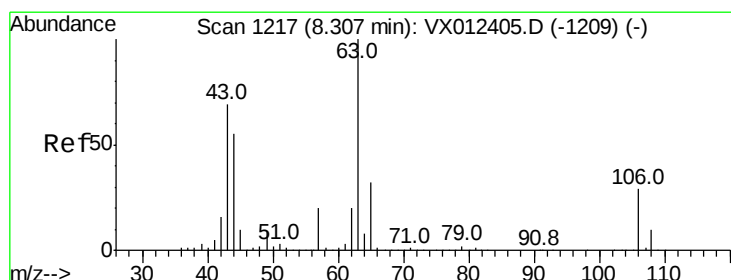
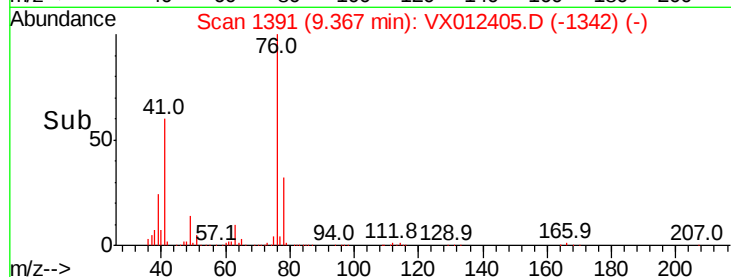
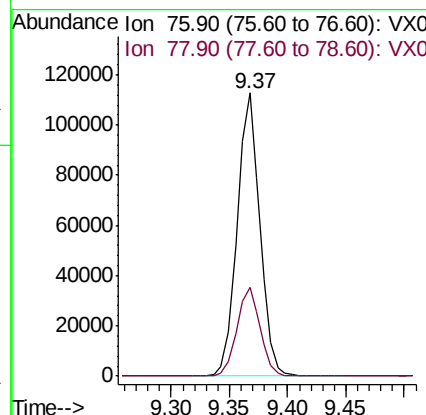
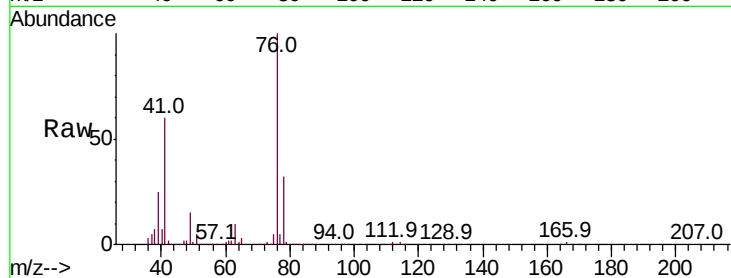
#57
 1,3-Dichloropropane
 Concen: 70.265 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX012405.D
 Acq: 16 Sep 2019 13:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	25.9	38.9

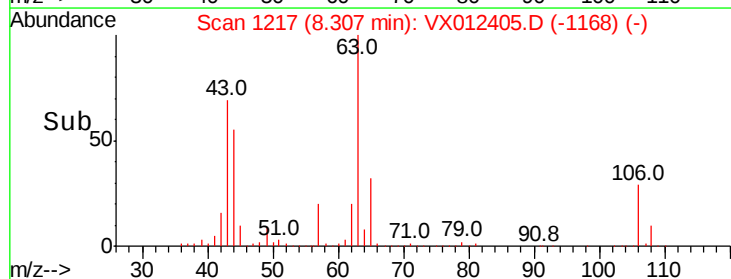
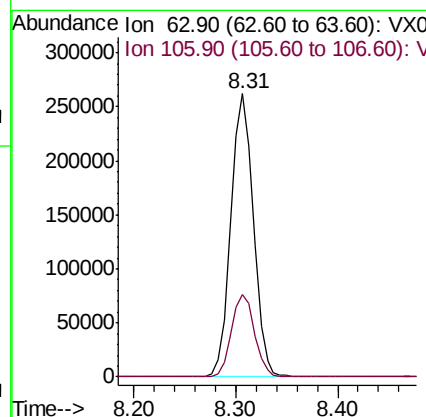
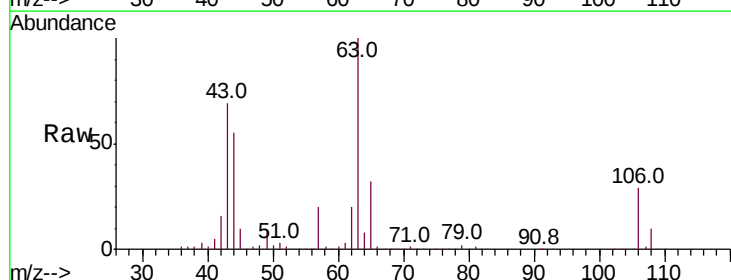
Manual Integrations
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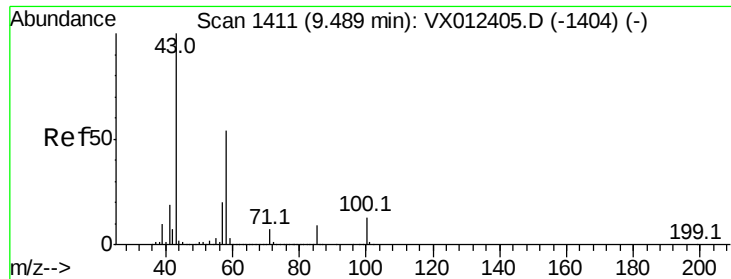
MMDadoda
 9/23/2019 5:04:11 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 392.237 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX012405.D
 Acq: 16 Sep 2019 13:34

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.8	23.8	35.8





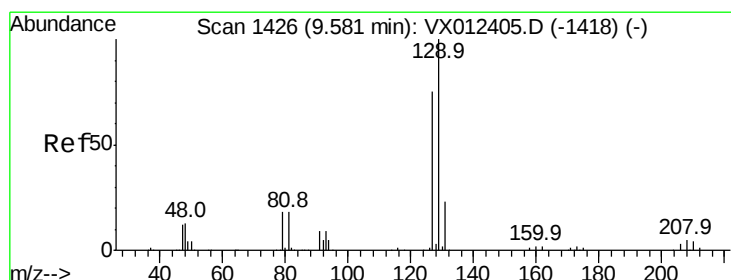
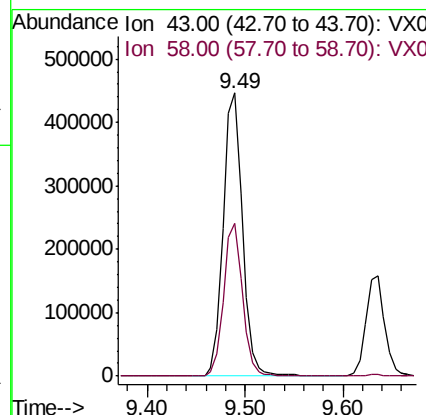
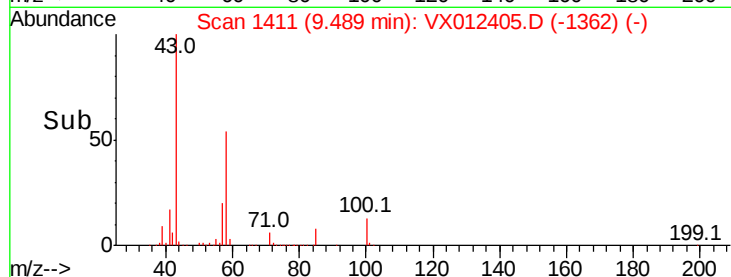
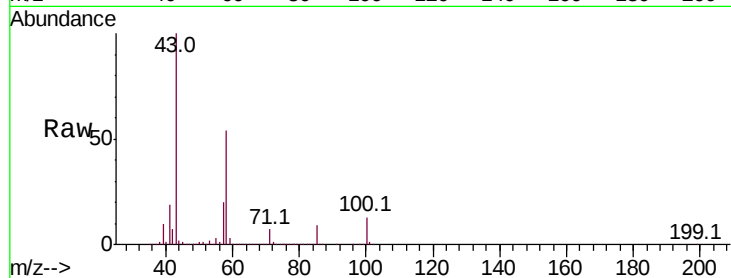
#59
2-Hexanone
Concen: 419.720 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX012405.D
Acq: 16 Sep 2019 13:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 611340
Ion Ratio Lower Upper
43 100
58 52.7 26.4 79.0

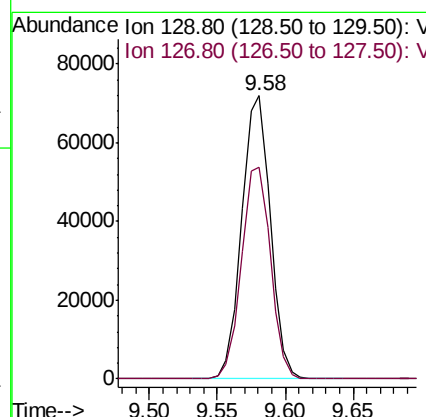
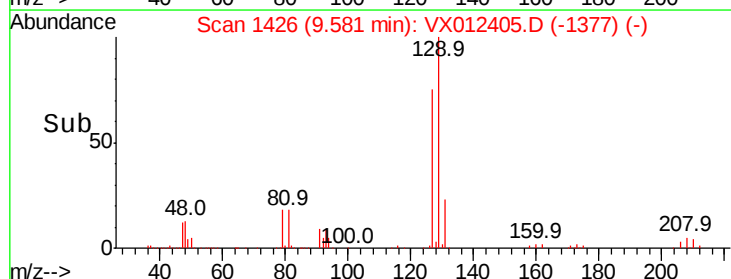
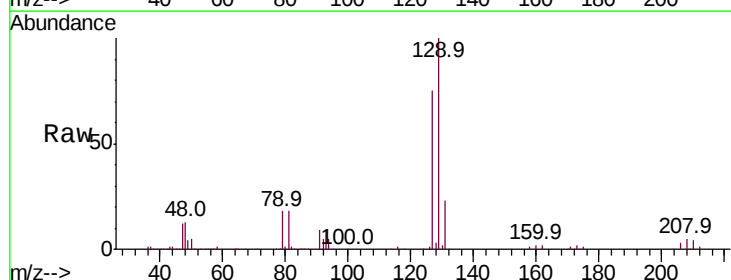
Manual Integrations
APPROVED

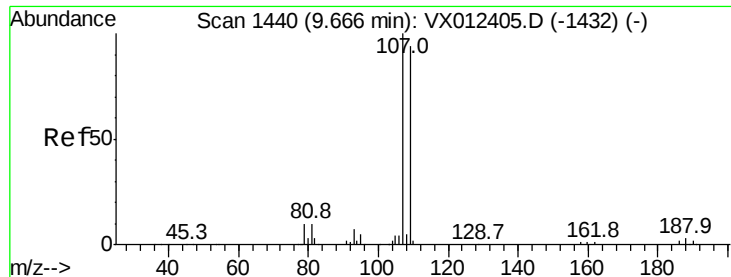
MMDadoda
9/23/2019 5:04:11 PM



#60
Dibromochloromethane
Concen: 73.134 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX012405.D
Acq: 16 Sep 2019 13:34

Tgt Ion: 129 Resp: 105564
Ion Ratio Lower Upper
129 100
127 76.2 38.1 114.3





#61

1,2-Dibromoethane

Concen: 64.729 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012405.D

Acq: 16 Sep 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:107 Resp: 89858

Ion Ratio Lower Upper

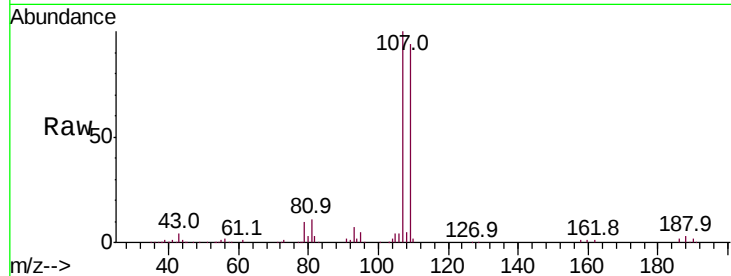
107 100

109 93.9 75.1 112.7

Manual Integrations
APPROVED

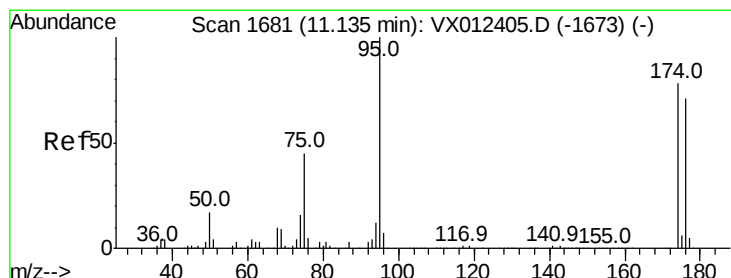
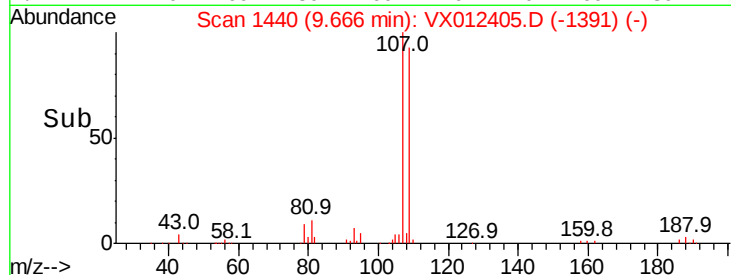
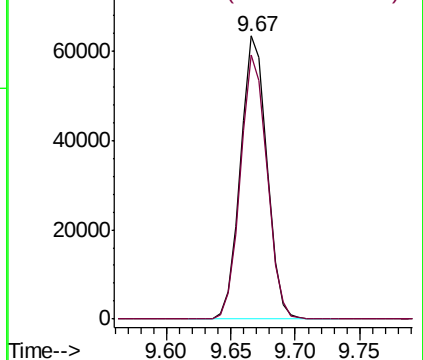
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 71.643 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012405.D

Acq: 16 Sep 2019 13:34

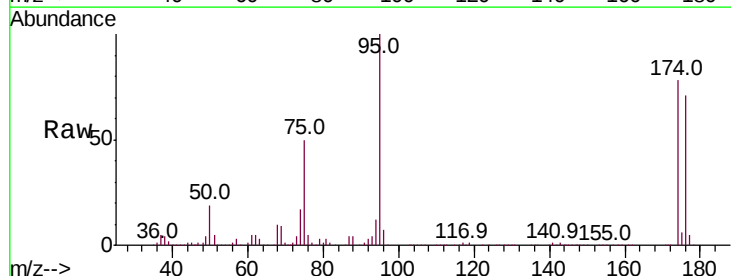
Tgt Ion: 95 Resp: 134354

Ion Ratio Lower Upper

95 100

174 73.0 0.0 146.0

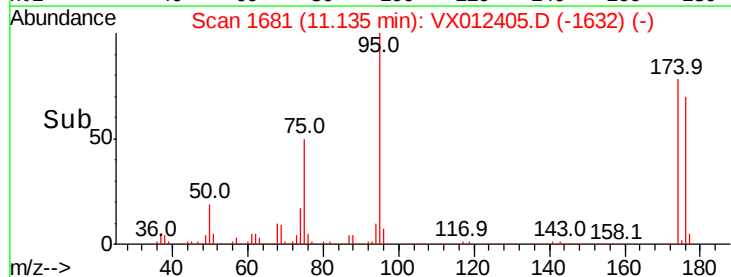
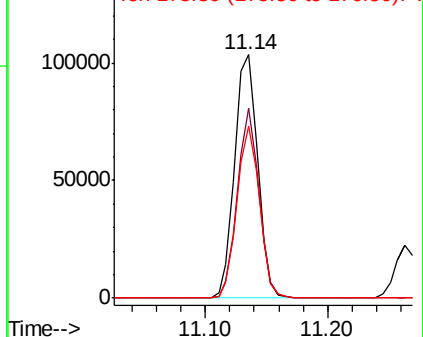
176 68.8 0.0 137.6

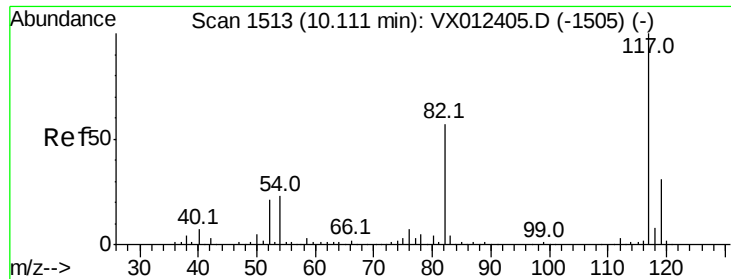


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





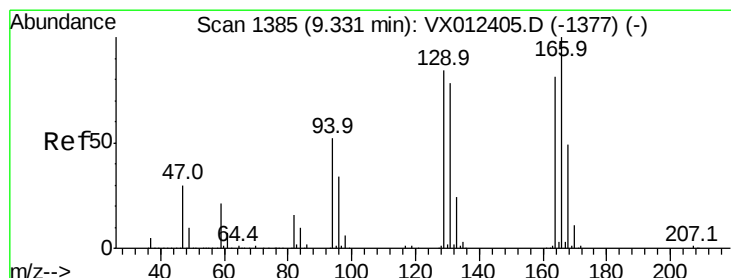
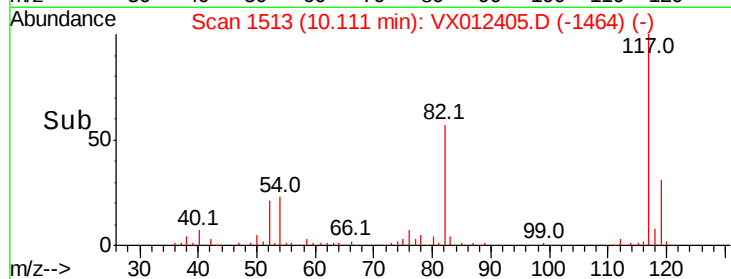
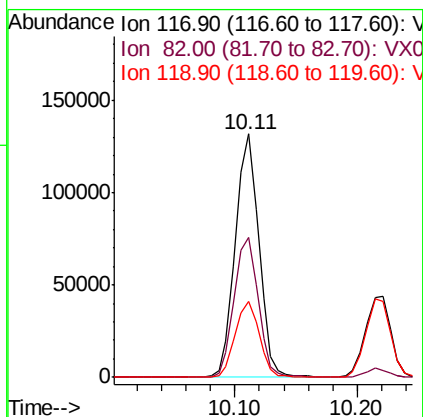
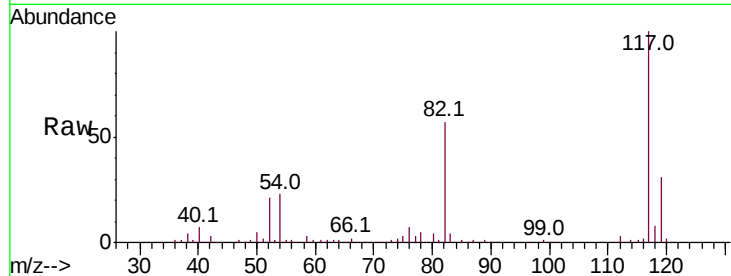
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012405.D
Acq: 16 Sep 2019 13:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.2	45.8	68.6
119	31.1	24.9	37.3

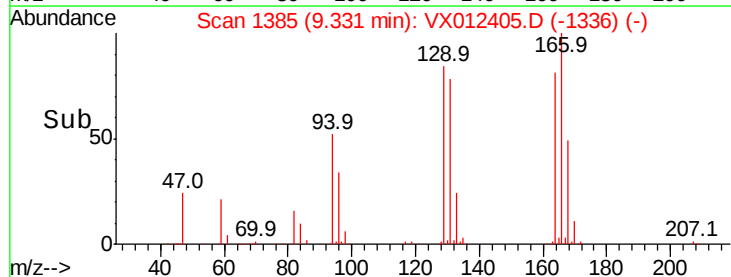
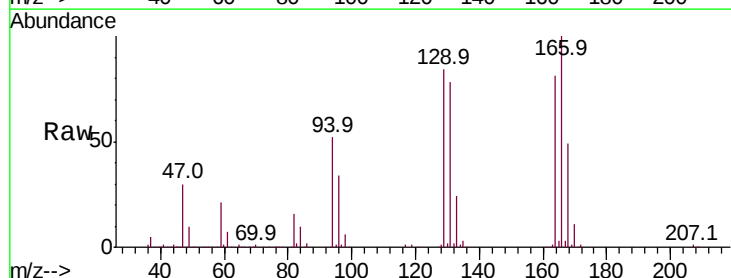
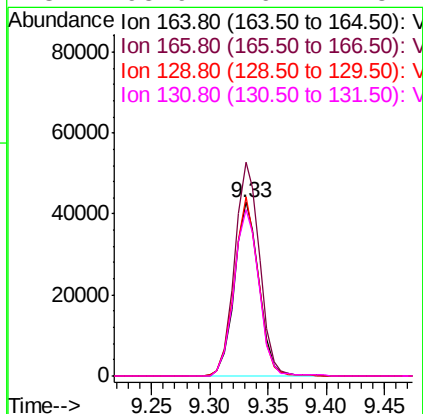
Manual Integrations
APPROVED

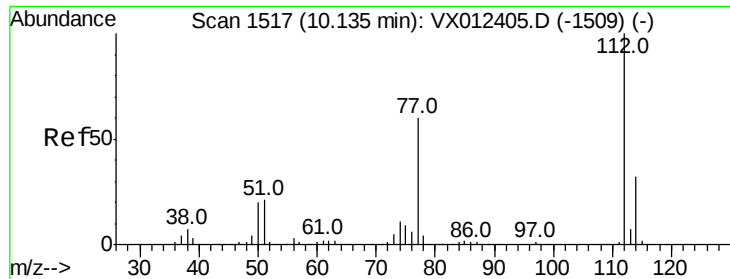
MMDadoda
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#64
Tetrachloroethene
Concen: 45.929 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012405.D
Acq: 16 Sep 2019 13:34

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.8	98.2	147.4
129	103.2	82.6	123.8
131	95.9	76.7	115.1





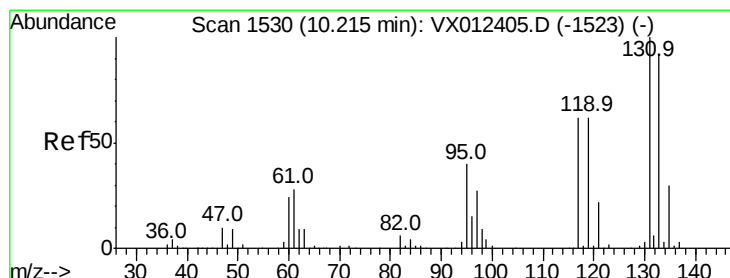
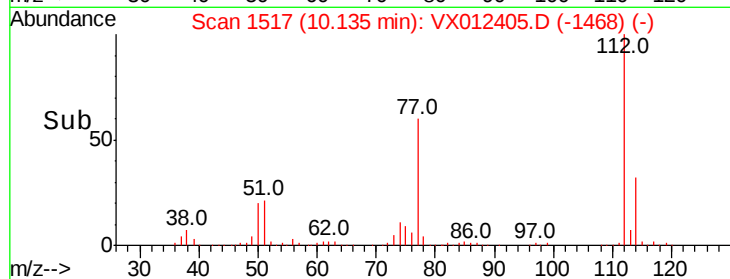
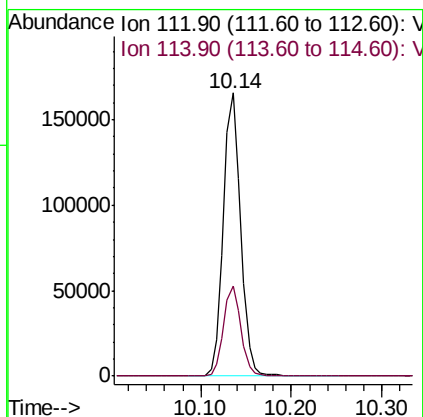
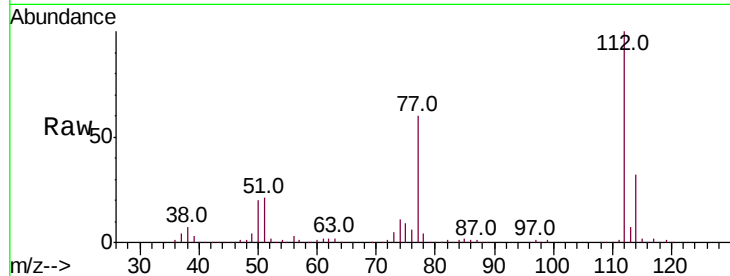
#65
Chlorobenzene
Concen: 61.324 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012405.D
Acq: 16 Sep 2019 13:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion:112 Resp: 221060
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.2

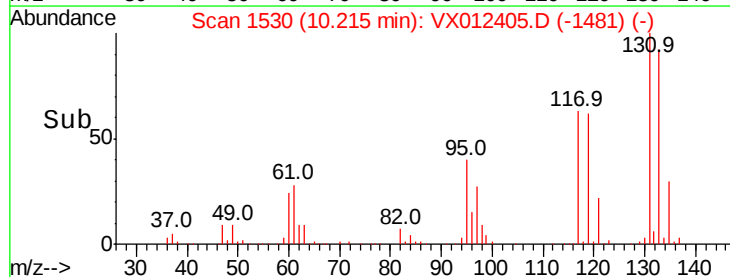
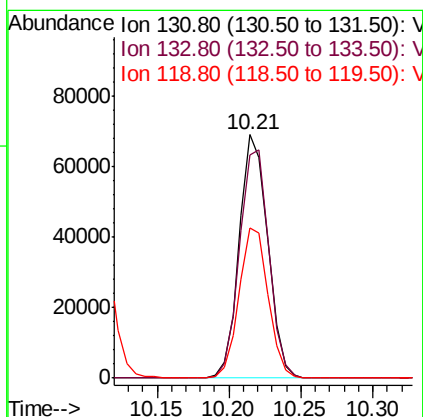
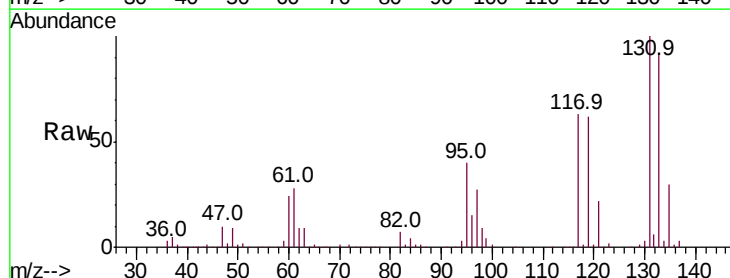
Manual Integrations
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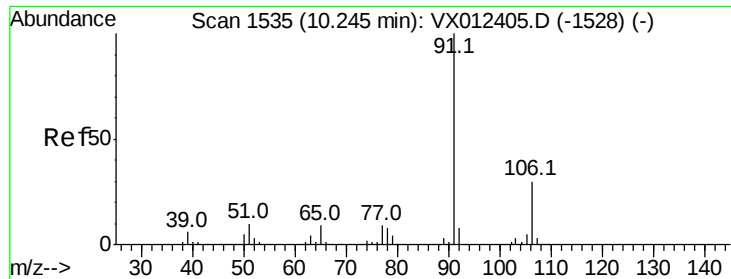
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 68.899 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX012405.D
Acq: 16 Sep 2019 13:34

Tgt Ion:131 Resp: 95110
Ion Ratio Lower Upper
131 100
133 96.7 48.4 145.0
119 63.1 31.6 94.7





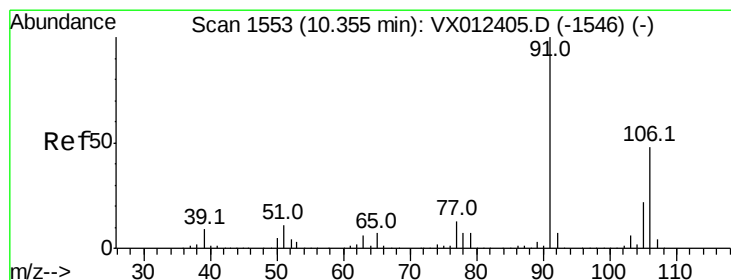
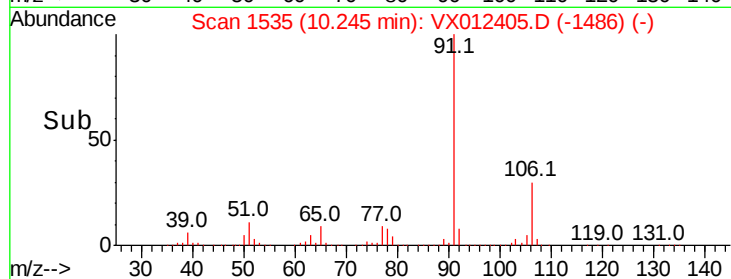
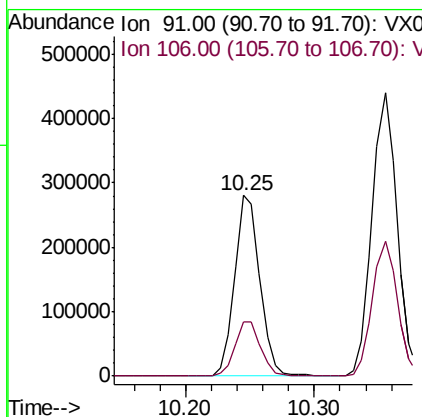
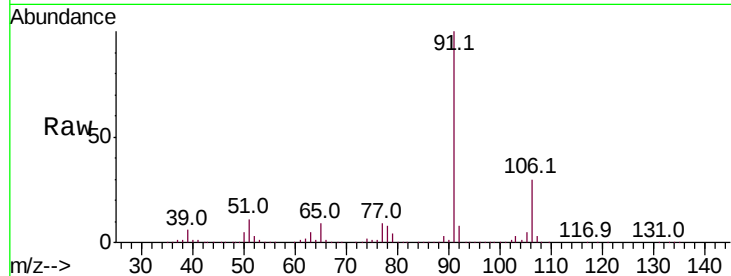
#67
Ethyl Benzene
Concen: 63.808 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX012405.D
Acq: 16 Sep 2019 13:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 91 Resp: 383121
Ion Ratio Lower Upper
91 100
106 30.0 24.0 36.0

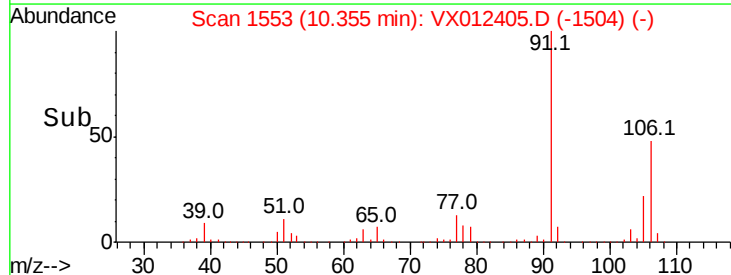
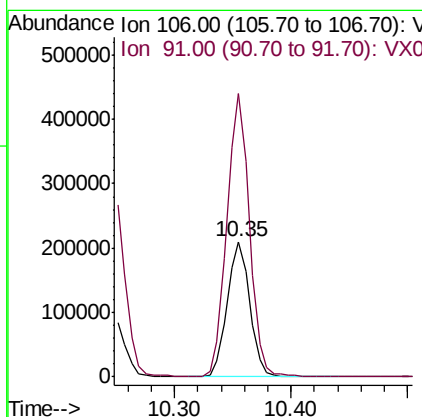
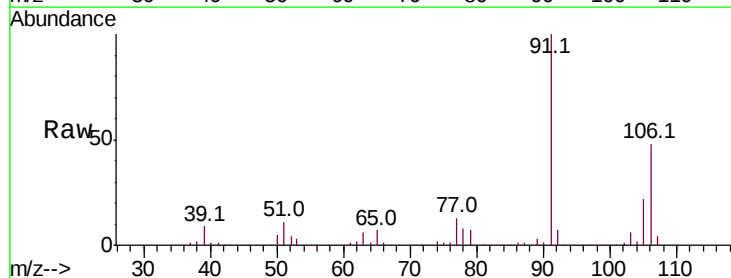
Manual Integrations
APPROVED

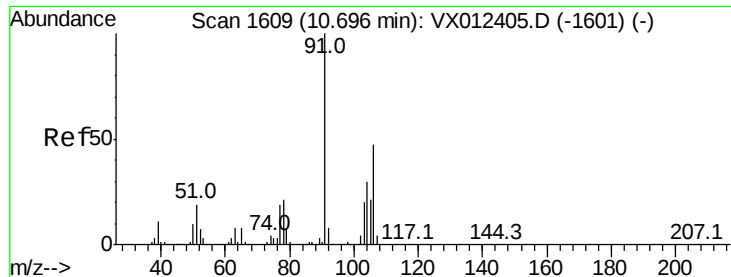
MMDadoda
9/23/2019 5:04:11 PM



#68
m/p-Xylenes
Concen: 123.893 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012405.D
Acq: 16 Sep 2019 13:34

Tgt Ion: 106 Resp: 283298
Ion Ratio Lower Upper
106 100
91 209.2 167.4 251.0





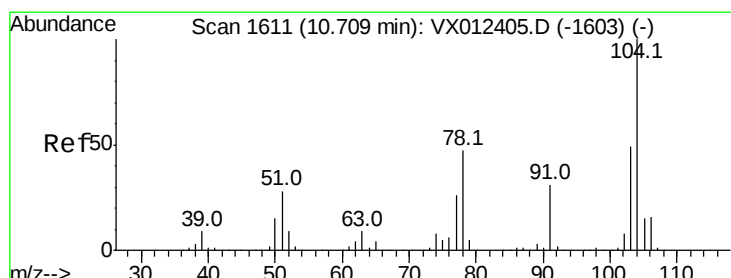
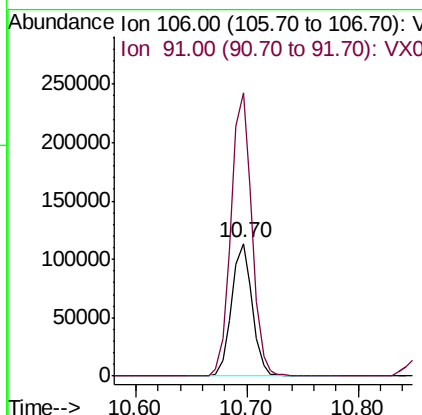
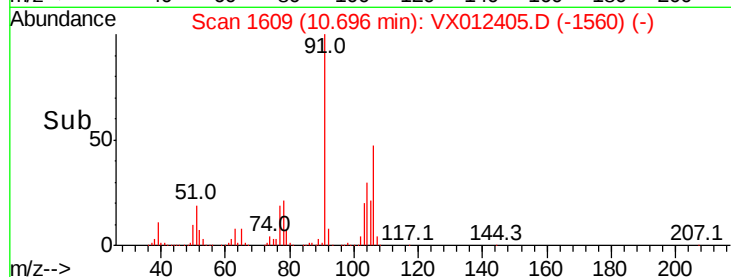
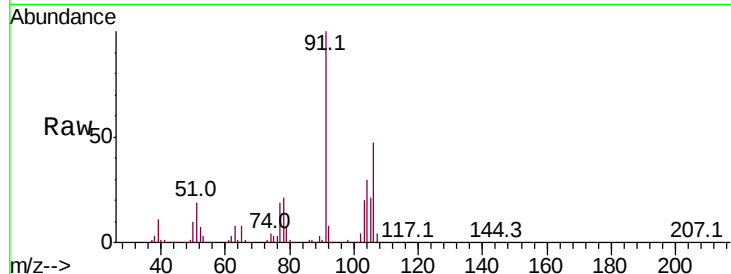
#69
o-Xylene
Concen: 64.035 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012405.D
Acq: 16 Sep 2019 13:34

Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

Tot Ion:106 Resp: 145613
Ion Ratio Lower Upper
106 100
91 215.7 107.8 323.6

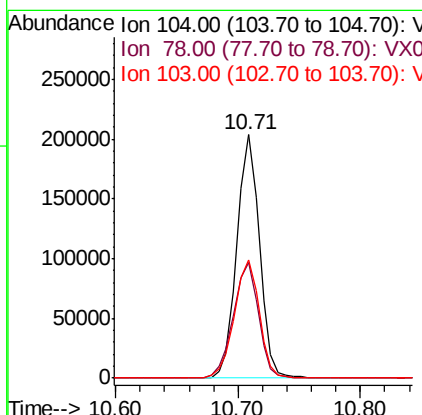
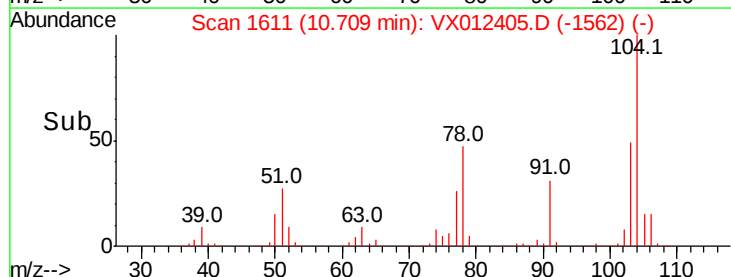
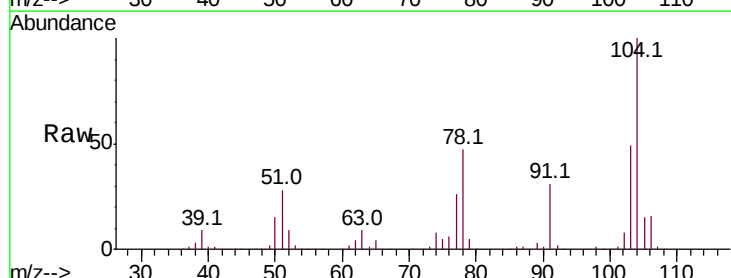
Manual Integrations
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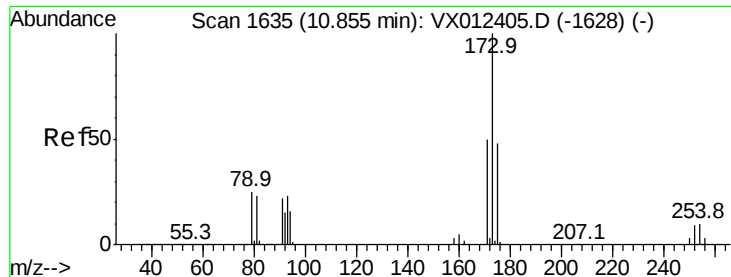
MMDadoda
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#70
Styrene
Concen: 67.463 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012405.D
Acq: 16 Sep 2019 13:34

Tgt Ion:104 Resp: 259832
Ion Ratio Lower Upper
104 100
78 52.9 42.3 63.5
103 53.6 42.9 64.3





#71

Bromoform

Concen: 65.348 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012405.D

Acq: 16 Sep 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:173 Resp: 76139

Ion Ratio Lower Upper

173 100

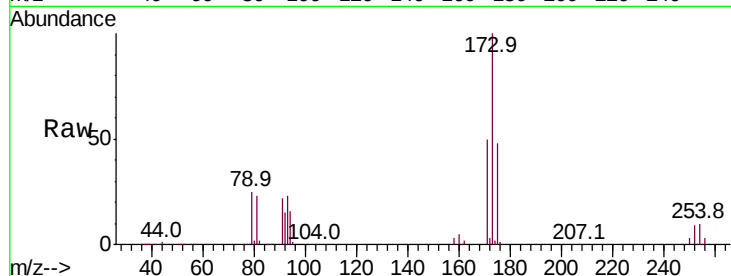
175 48.7 24.3 73.0

254 0.1 0.1 0.1#

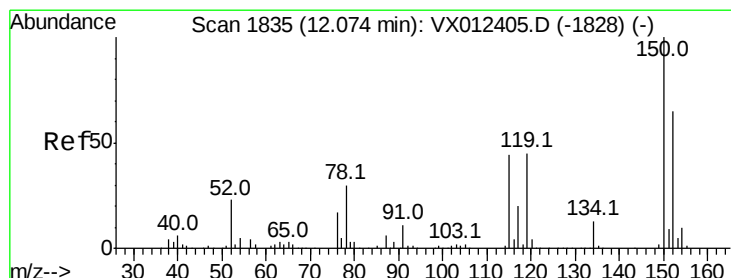
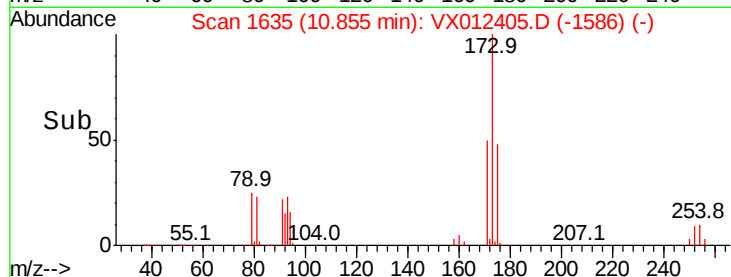
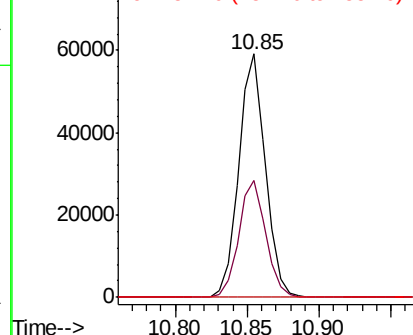
Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012405.D

Acq: 16 Sep 2019 13:34

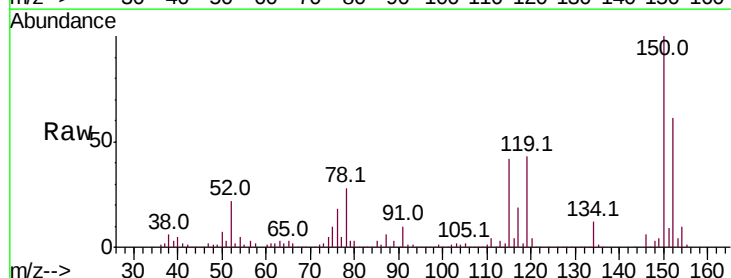
Tgt Ion:152 Resp: 107221

Ion Ratio Lower Upper

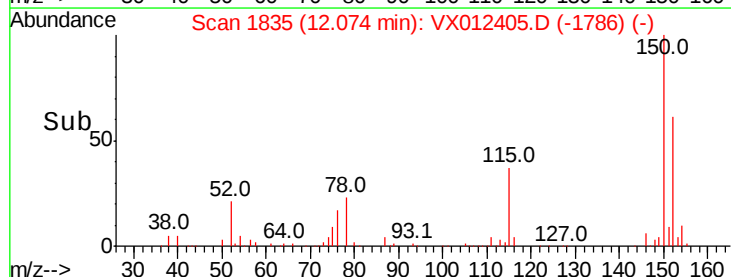
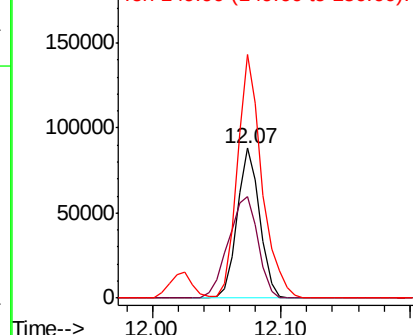
152 100

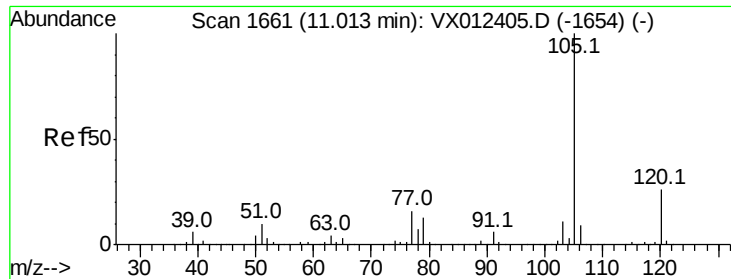
115 90.6 45.3 135.9

150 177.0 0.0 354.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 60.330 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012405.D

Acq: 16 Sep 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 405299

Ion Ratio Lower Upper

105 100

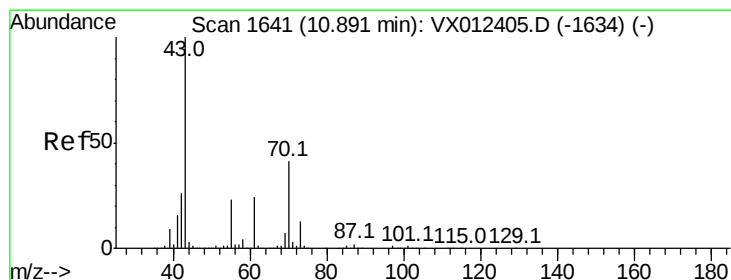
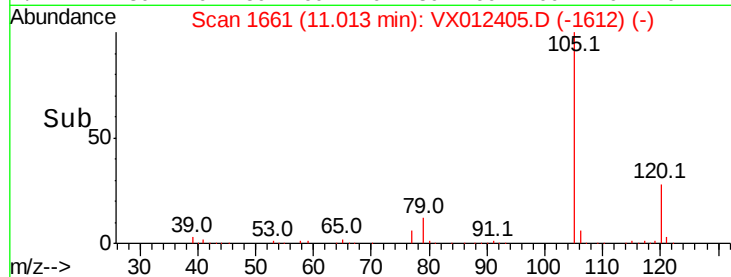
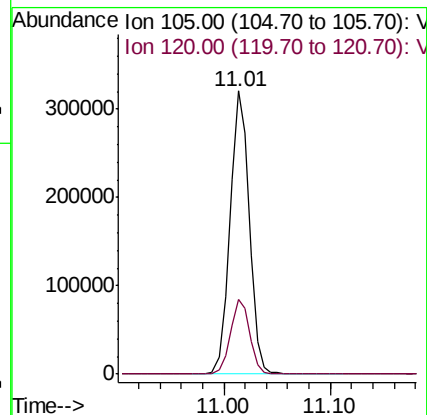
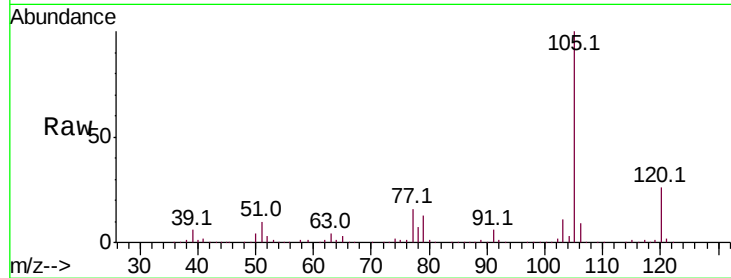
120 26.4 13.2 39.6

Manual Integrations

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#74

N-ethyl acetate

Concen: 77.164 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012405.D

Acq: 16 Sep 2019 13:34

Tgt Ion: 43 Resp: 215682

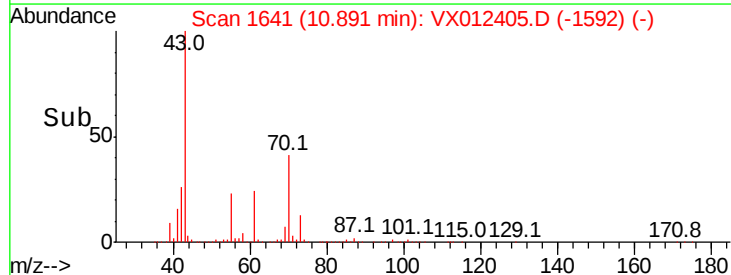
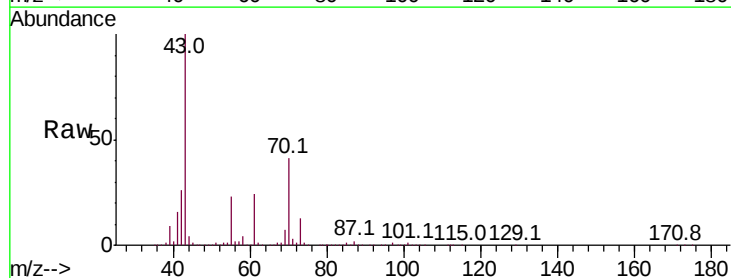
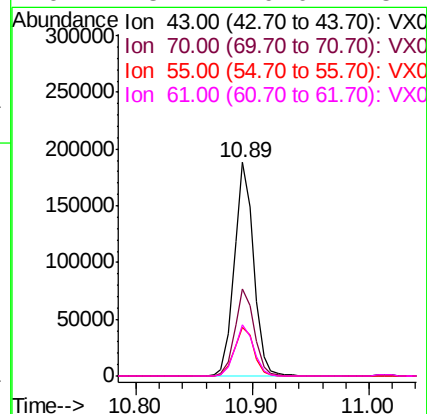
Ion Ratio Lower Upper

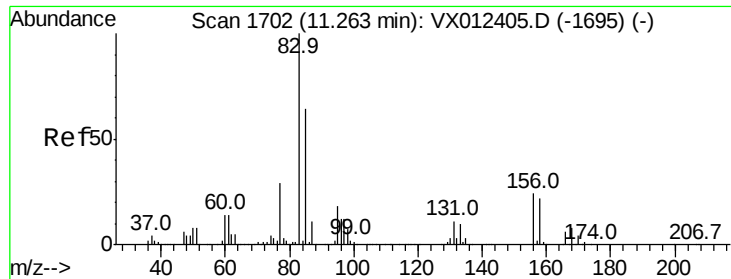
43 100

70 40.9 32.7 49.1

55 23.6 18.9 28.3

61 23.7 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 68.210 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012405.D

Acq: 16 Sep 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 83 Resp: 158369

Ion Ratio Lower Upper

83 100

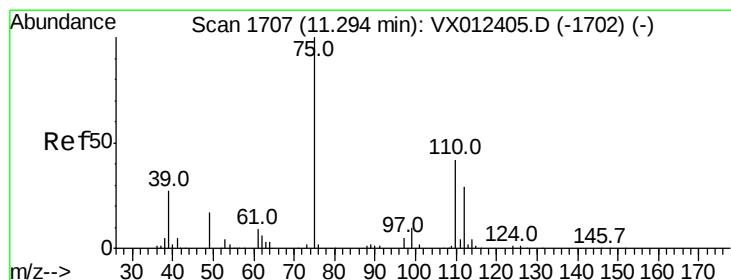
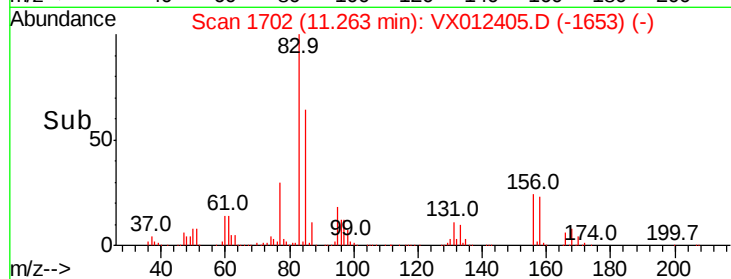
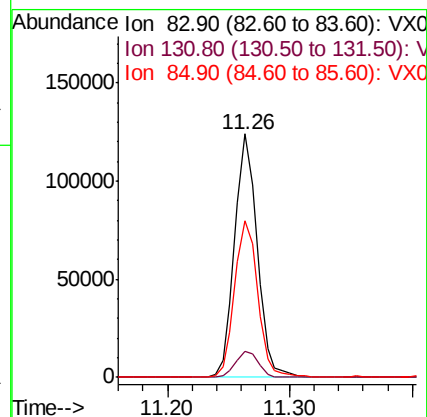
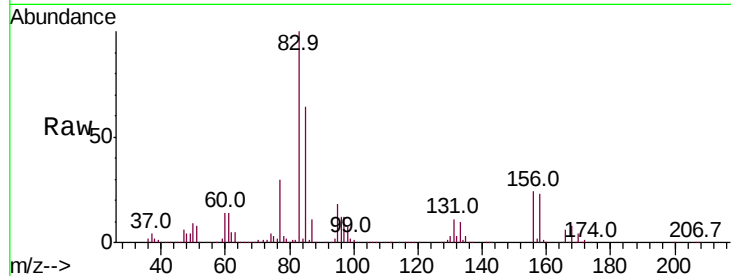
131 10.9 5.5 16.4

85 65.8 32.9 98.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 72.987 ug/l m

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX012405.D

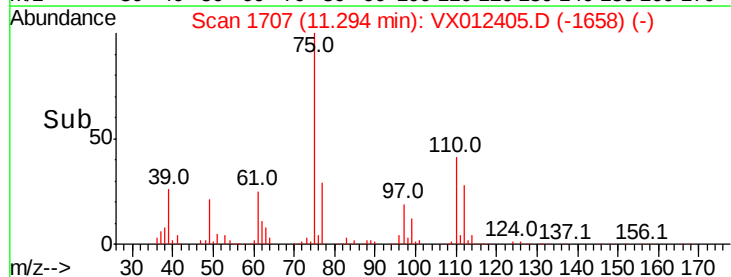
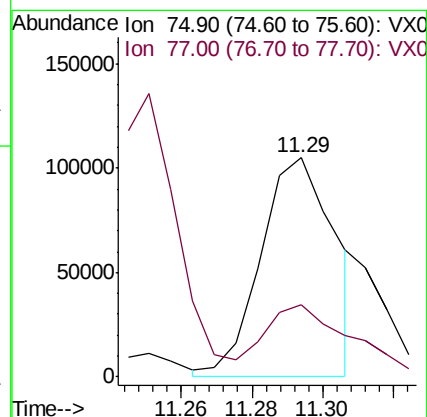
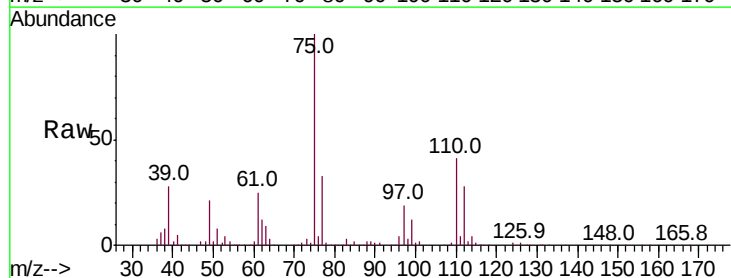
Acq: 16 Sep 2019 13:34

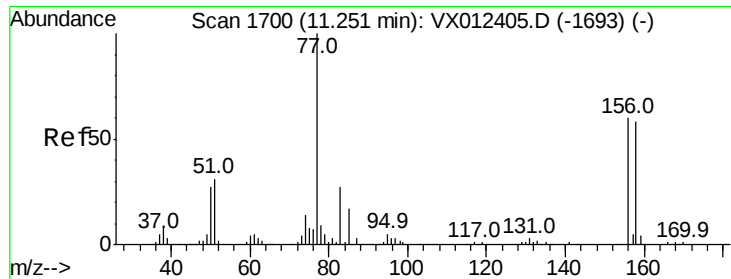
Tgt Ion: 75 Resp: 151482

Ion Ratio Lower Upper

75 100

77 38.8 19.4 58.2





#77

Bromobenzene

Concen: 53.011 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012405.D

Acq: 16 Sep 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:156 Resp: 102645

Ion Ratio Lower Upper

156 100

77 169.5 84.8 254.3

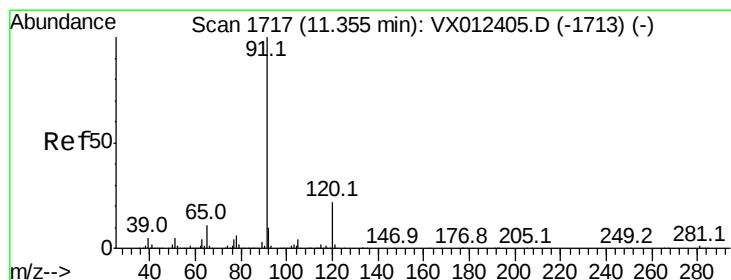
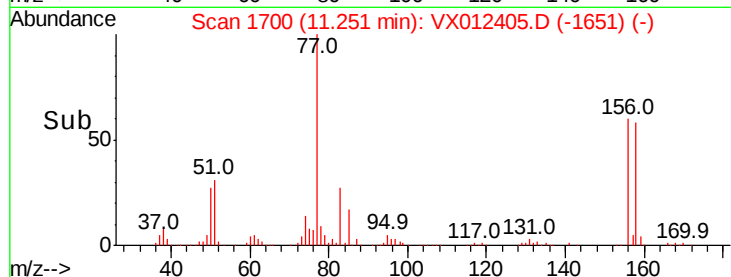
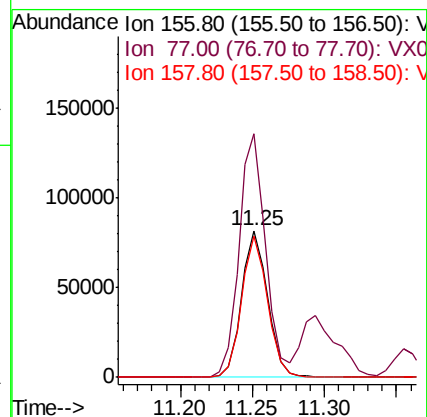
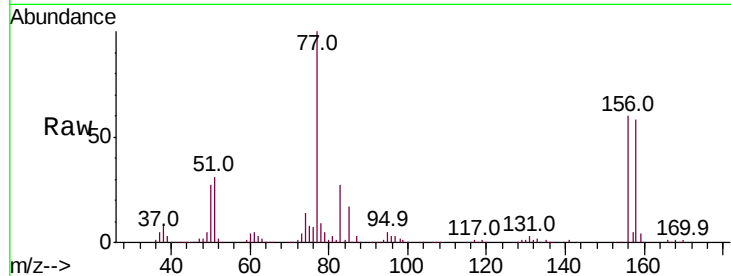
158 95.7 47.9 143.6

Manual Integrations

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#78

n-propylbenzene

Concen: 63.467 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012405.D

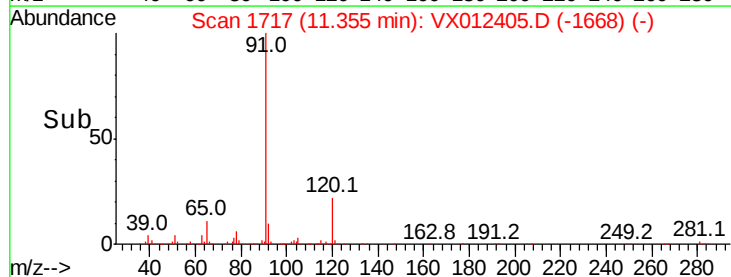
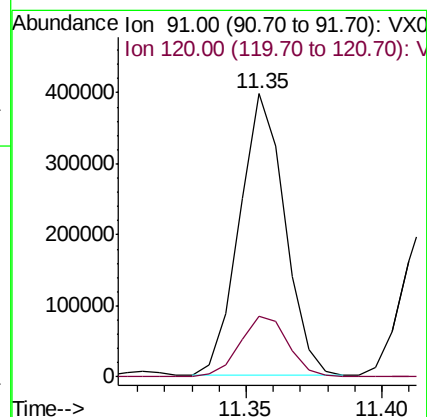
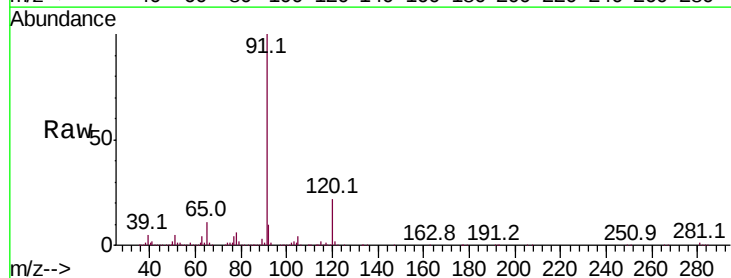
Acq: 16 Sep 2019 13:34

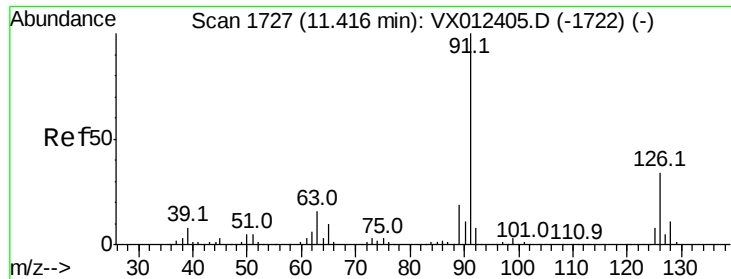
Tgt Ion: 91 Resp: 458837

Ion Ratio Lower Upper

91 100

120 22.9 11.5 34.4





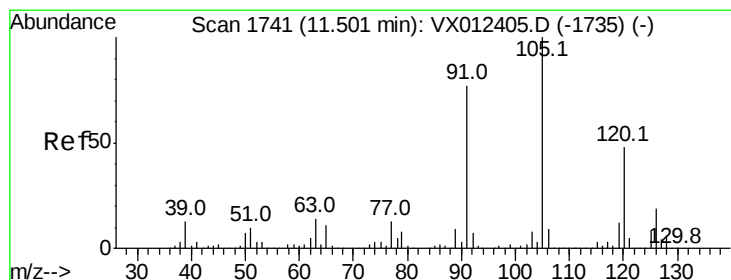
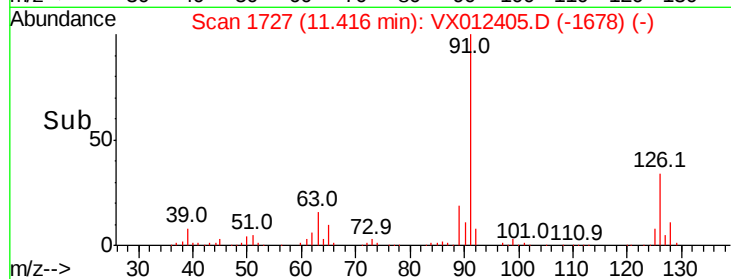
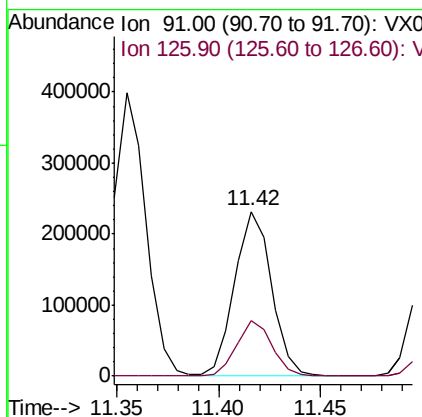
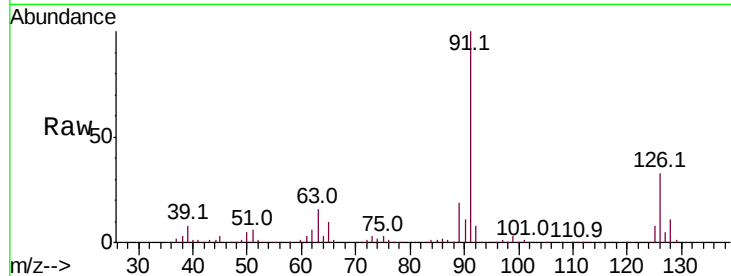
#79
2-Chlorotoluene
Concen: 63.818 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX012405.D
Acq: 16 Sep 2019 13:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 91 Resp: 289384
Ion Ratio Lower Upper
91 100
126 32.8 16.4 49.2

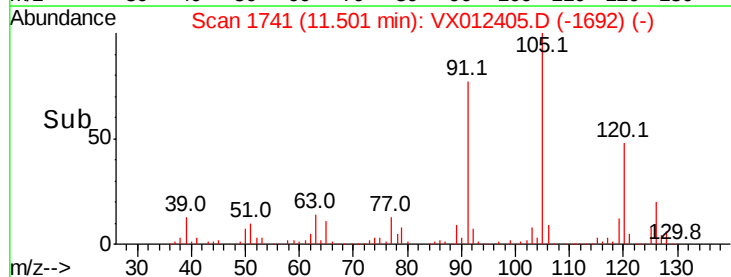
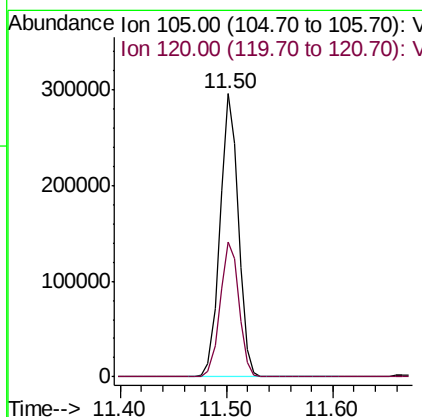
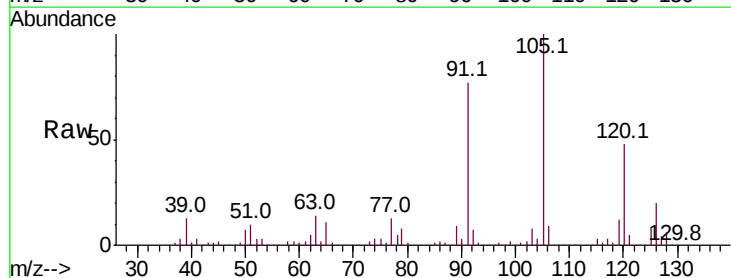
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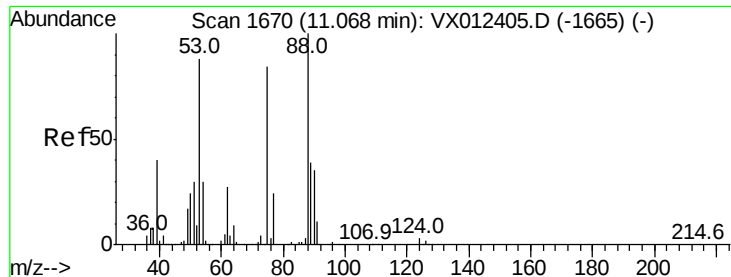
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 62.983 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX012405.D
Acq: 16 Sep 2019 13:34

Tgt Ion: 105 Resp: 355014
Ion Ratio Lower Upper
105 100
120 48.6 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 73.366 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX012405.D

Acq: 16 Sep 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 75 Resp: 50951

Ion Ratio Lower Upper

75 100

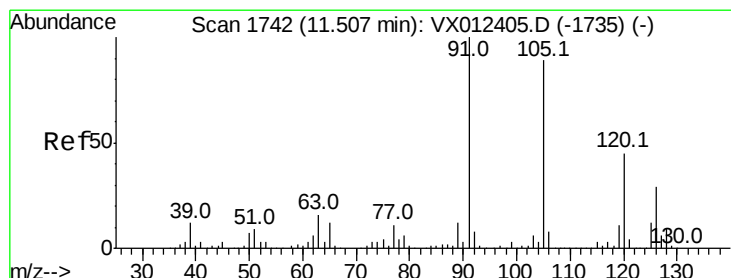
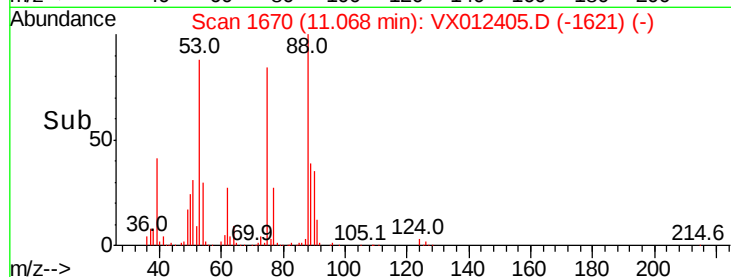
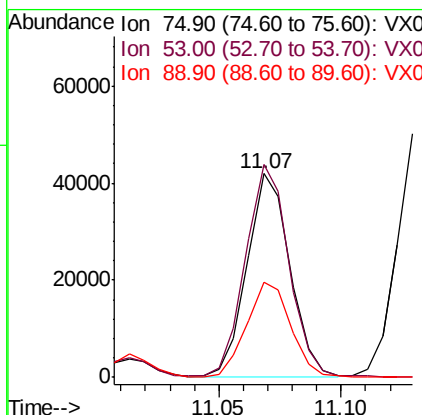
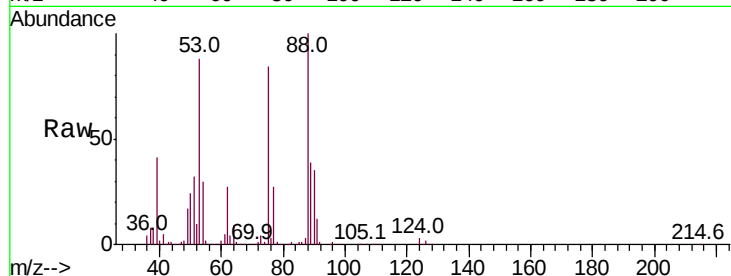
53 105.8 84.6 127.0

89 48.5 38.8 58.2

Manual Integrations
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#82

4-Chlorotoluene

Concen: 65.123 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX012405.D

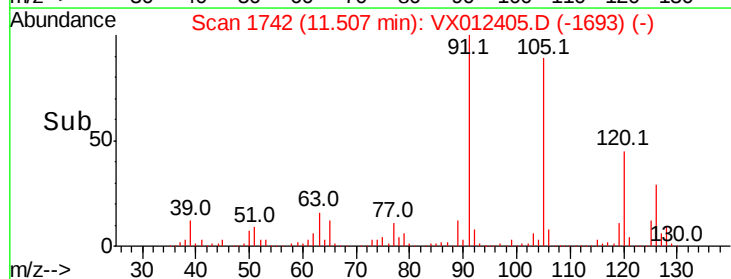
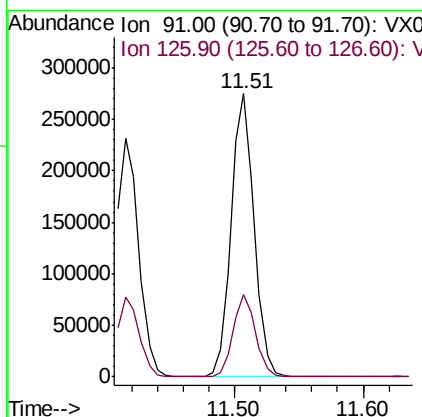
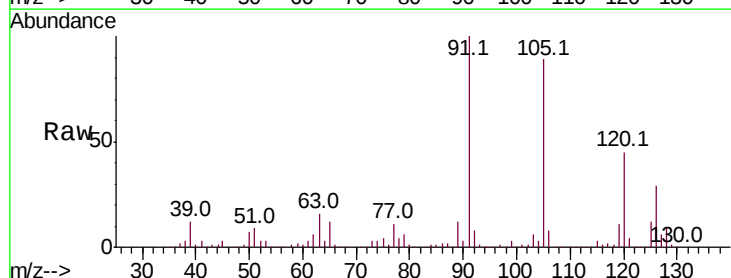
Acq: 16 Sep 2019 13:34

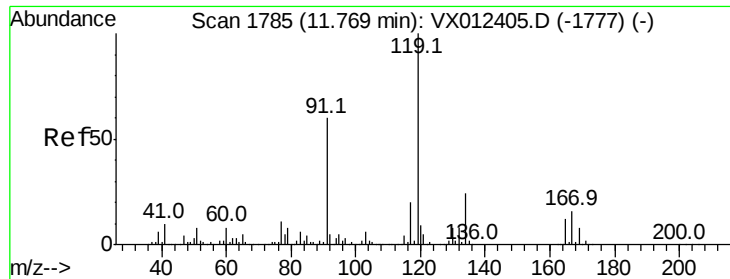
Tgt Ion: 91 Resp: 341924

Ion Ratio Lower Upper

91 100

126 28.2 14.1 42.3





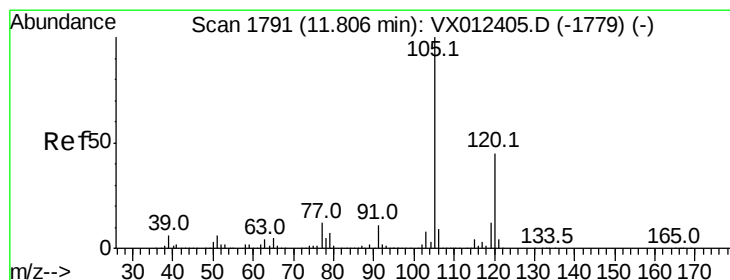
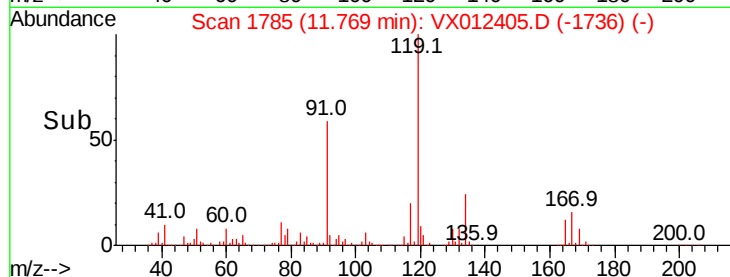
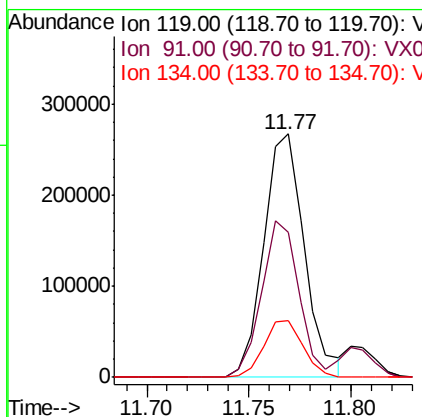
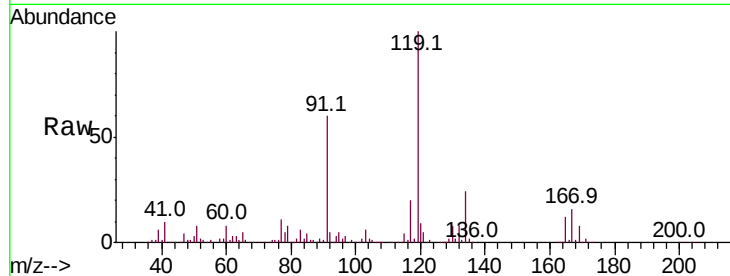
#83
tert-Butylbenzene
Concen: 66.073 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VX012405.D
Acq: 16 Sep 2019 13:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	371801		
91	59.2	29.6	88.8	
134	22.7	11.4	34.1	

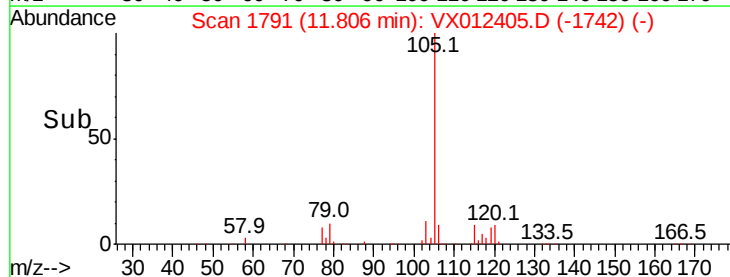
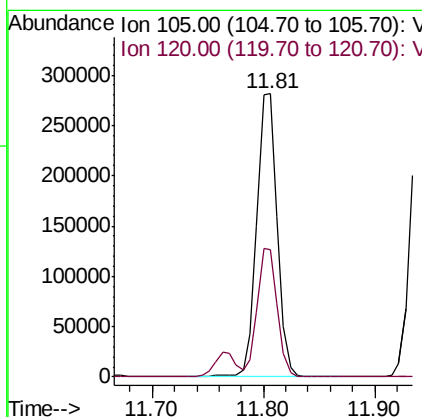
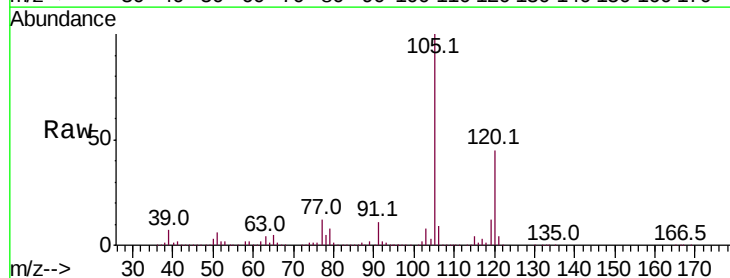
Manual Integrations
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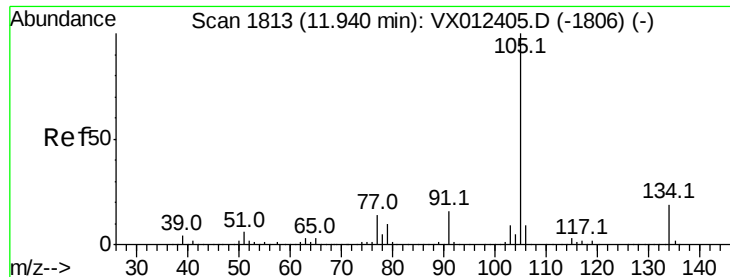
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#84
1,2,4-Trimethylbenzene
Concen: 63.452 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX012405.D
Acq: 16 Sep 2019 13:34

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	362050		
120	44.3	22.1	66.5	





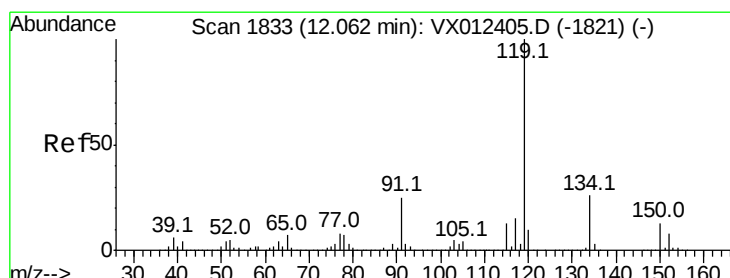
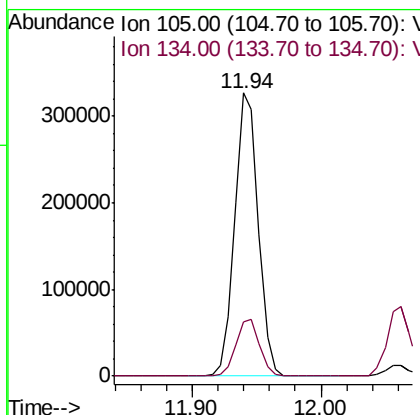
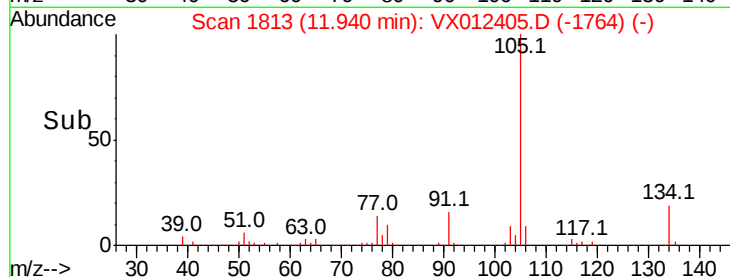
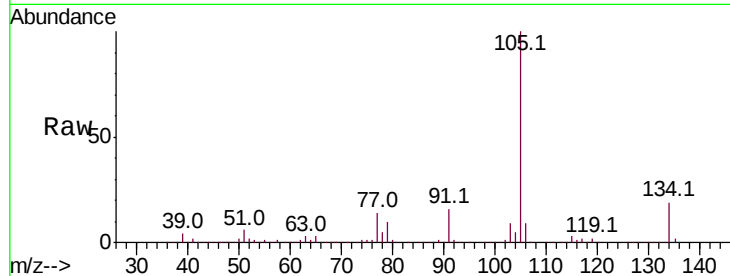
#85
 sec-Butylbenzene
 Concen: 64.475 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX012405.D
 Acq: 16 Sep 2019 13:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion:105 Resp: 415322
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.1 30.1

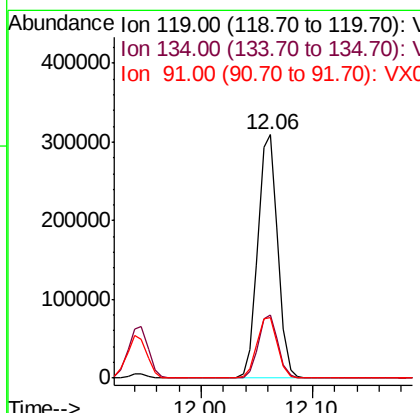
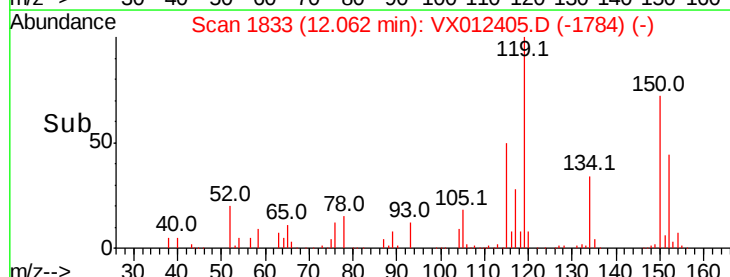
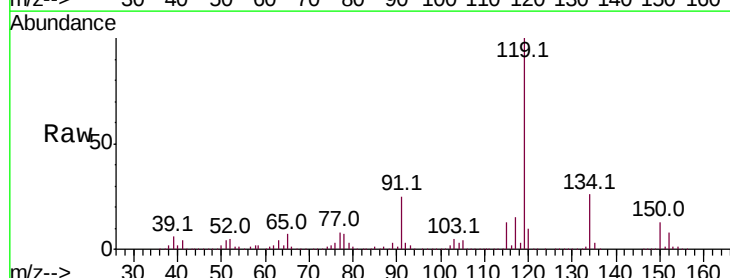
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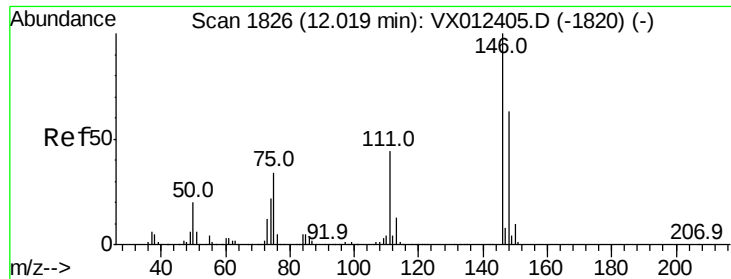
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#86
 p-Isopropyltoluene
 Concen: 63.213 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX012405.D
 Acq: 16 Sep 2019 13:34

Tgt Ion:119 Resp: 386995
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.9 38.6
 91 25.7 12.9 38.6





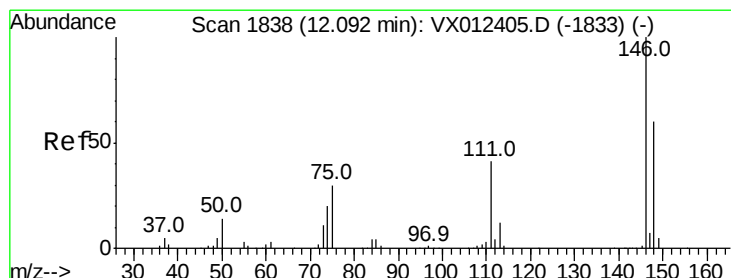
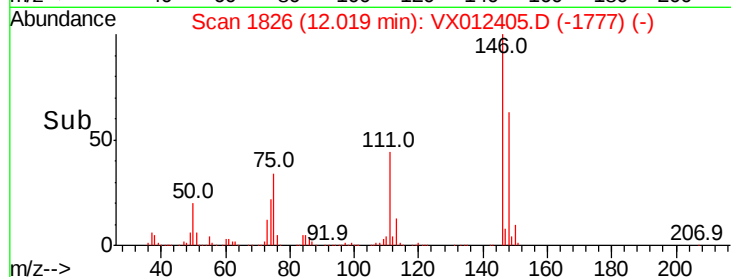
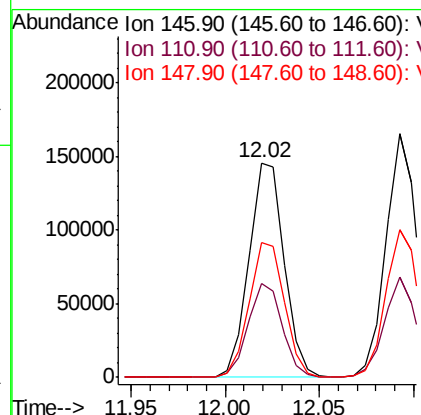
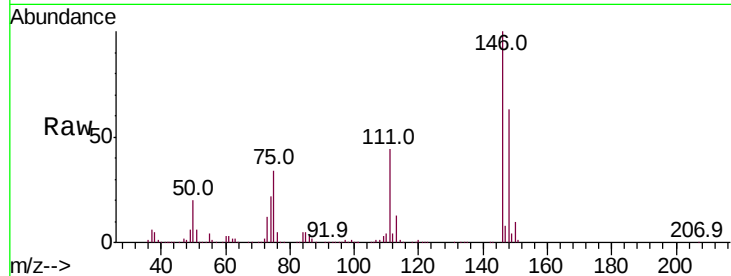
#87
 1,3-Dichlorobenzene
 Concen: 56.166 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012405.D
 Acq: 16 Sep 2019 13:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.7	21.3	64.0
148	63.2	31.6	94.8

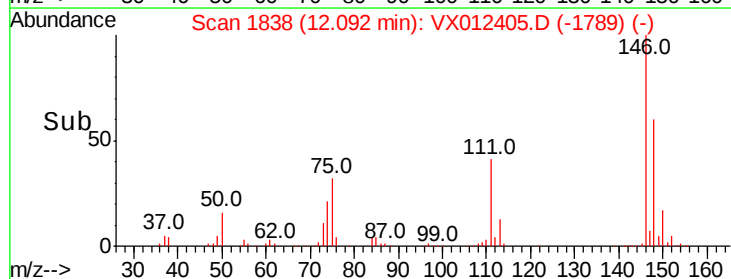
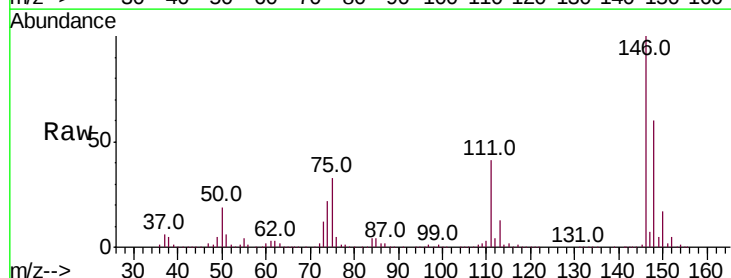
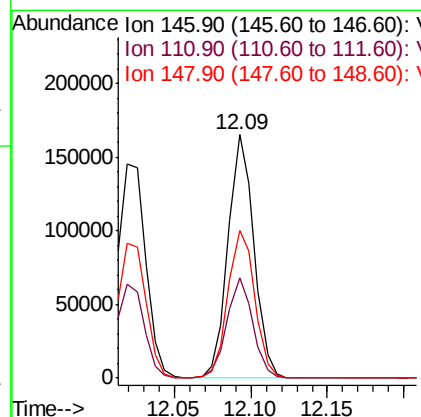
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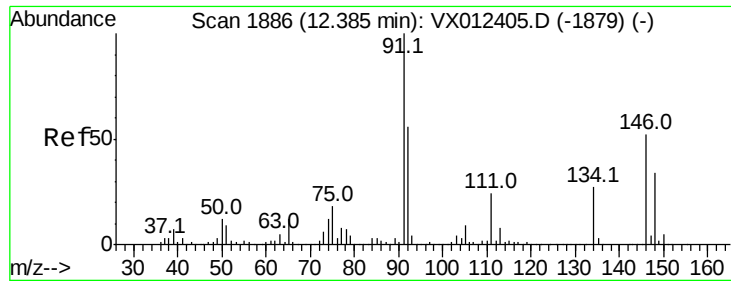
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#88
 1,4-Dichlorobenzene
 Concen: 56.769 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012405.D
 Acq: 16 Sep 2019 13:34

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.6	61.9
148	63.2	31.6	94.8





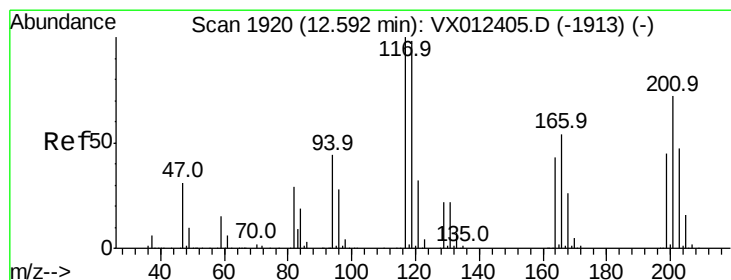
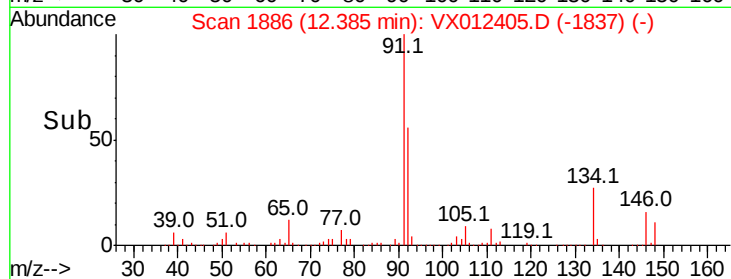
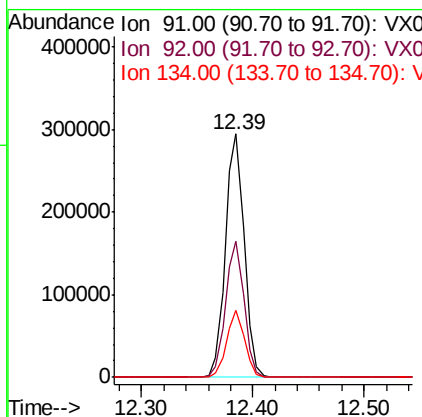
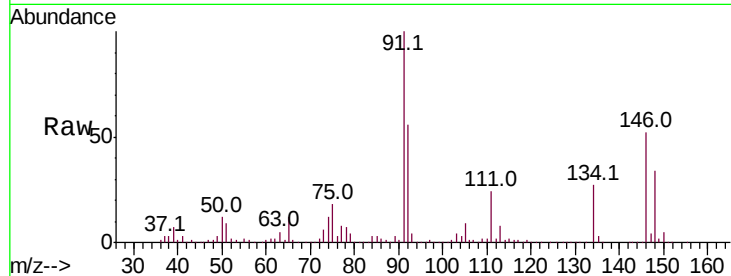
#89
n-Butylbenzene
Concen: 66.695 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012405.D
Acq: 16 Sep 2019 13:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100	342966		
92	54.9		27.5	82.4
134	26.4		13.2	39.6

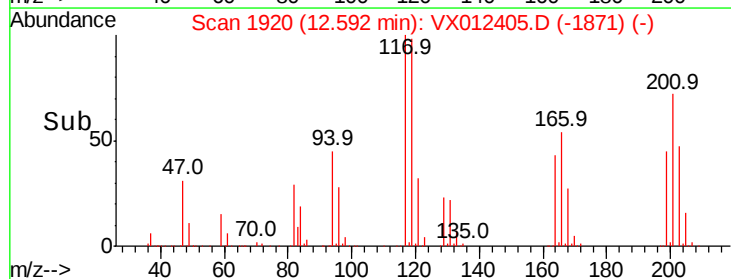
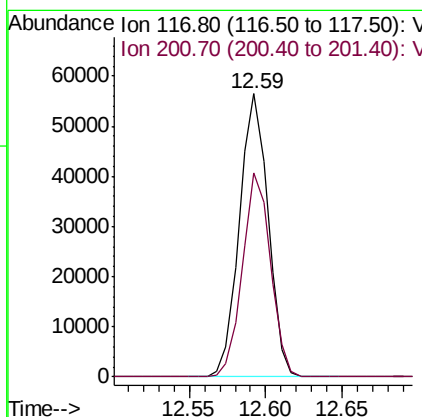
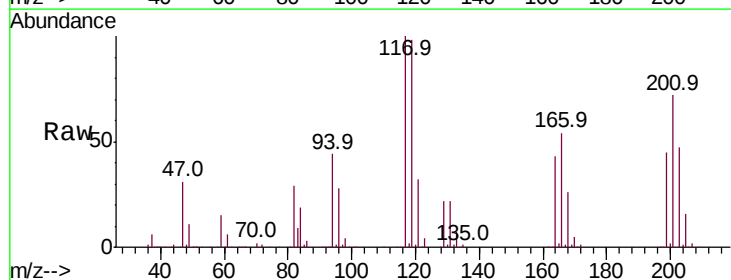
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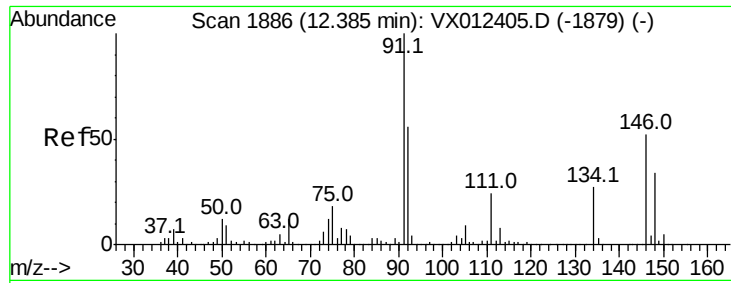
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#90
Hexachloroethane
Concen: 73.864 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012405.D
Acq: 16 Sep 2019 13:34

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	73448		
201	70.4		35.2	105.6





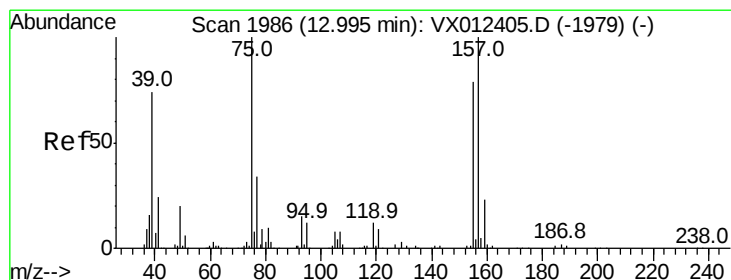
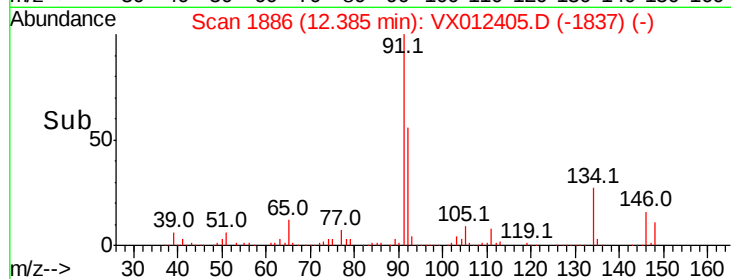
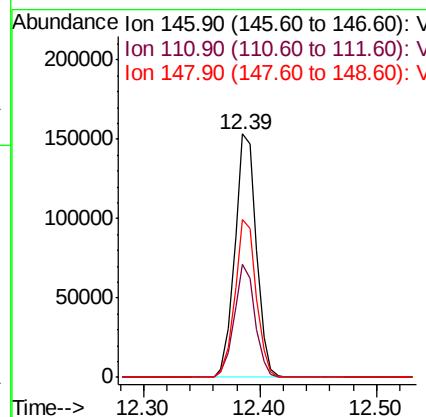
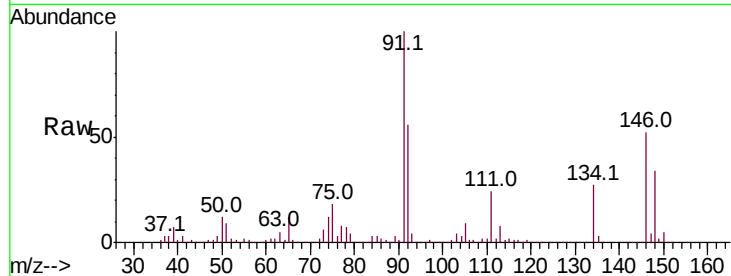
#91
 1,2-Dichlorobenzene
 Concen: 57.654 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012405.D
 Acq: 16 Sep 2019 13:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	196928		
111	44.6	22.3	66.9	
148	64.0	32.0	96.0	

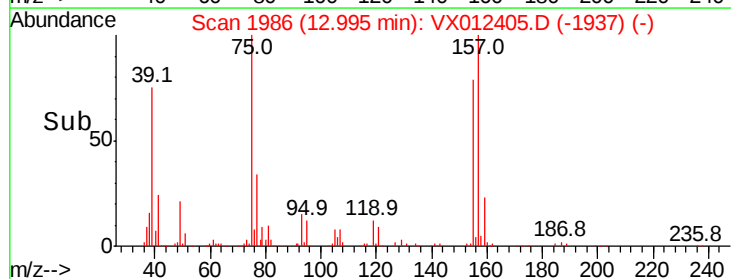
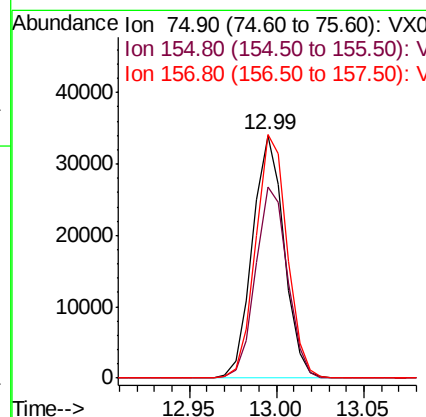
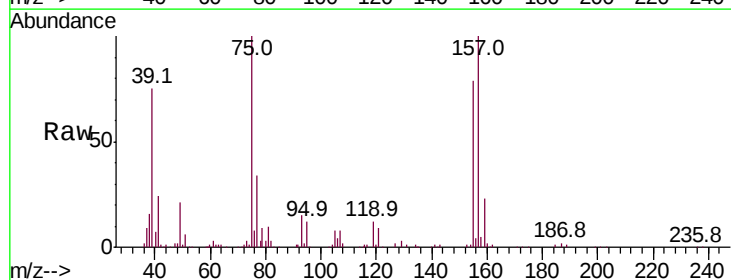
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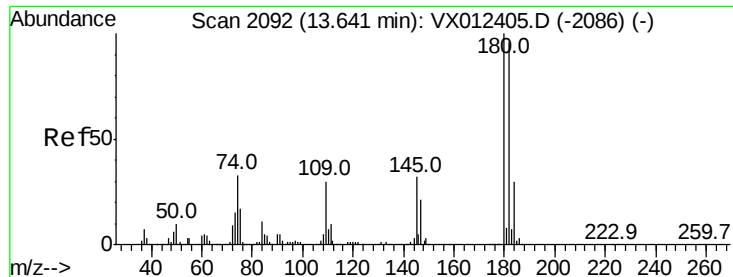
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 76.760 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX012405.D
 Acq: 16 Sep 2019 13:34

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	42675		
155	79.6	39.8	119.4	
157	100.1	50.0	150.1	





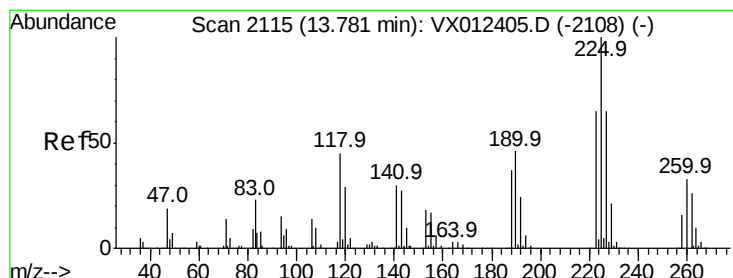
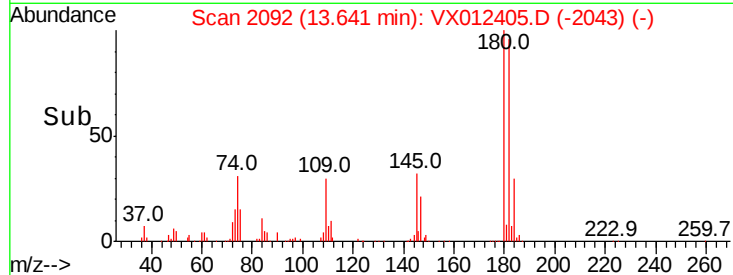
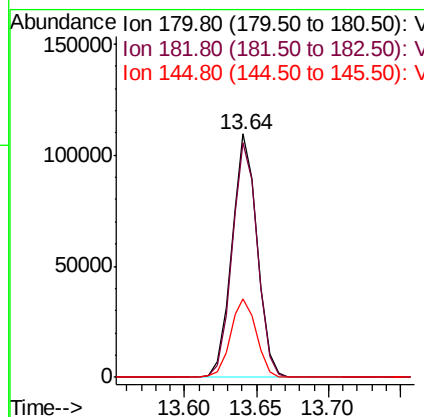
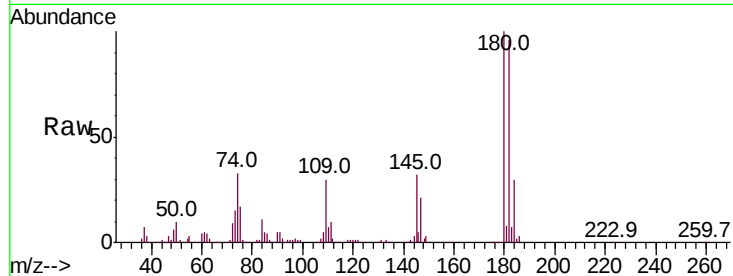
#93
 1,2,4-Trichlorobenzene
 Concen: 54.630 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012405.D
 Acq: 16 Sep 2019 13:34

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDICCC050

Tot Ion:	180	Resp:	134399
Ion Ratio	Lower	Upper	
180	100		
182	96.3	48.1	144.4
145	33.1	16.6	49.7

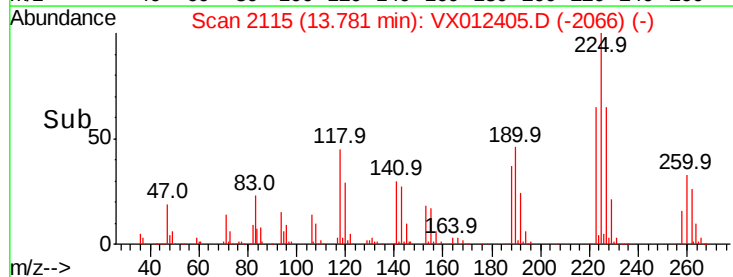
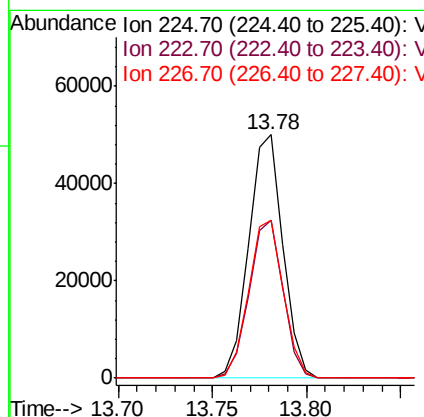
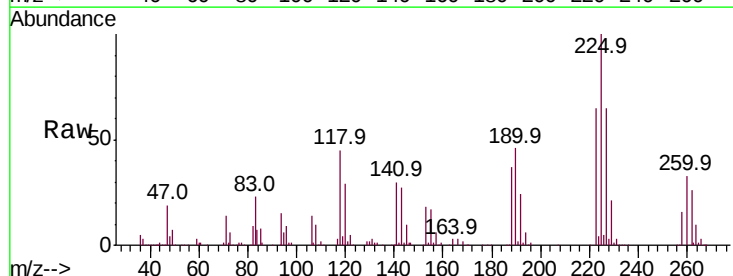
Manual Integrations
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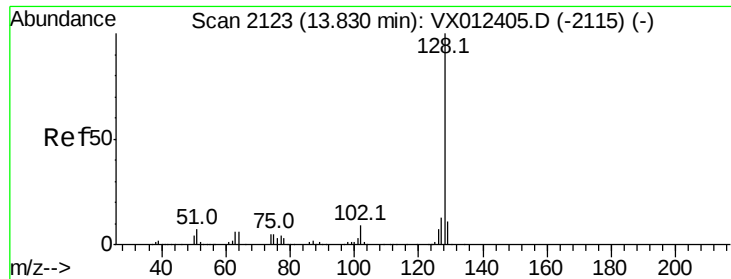
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#94
 Hexachlorobutadiene
 Concen: 47.271 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VX012405.D
 Acq: 16 Sep 2019 13:34

Tgt Ion:	225	Resp:	63110
Ion Ratio	Lower	Upper	
225	100		
223	64.0	32.0	96.0
227	65.5	32.8	98.3





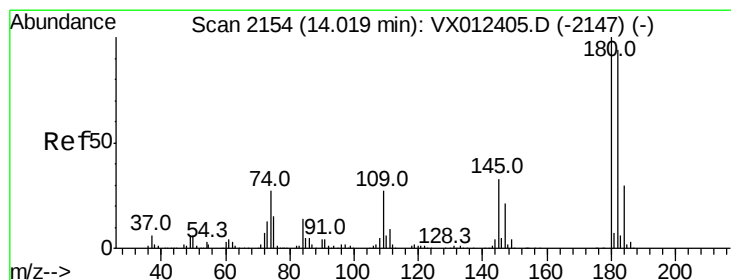
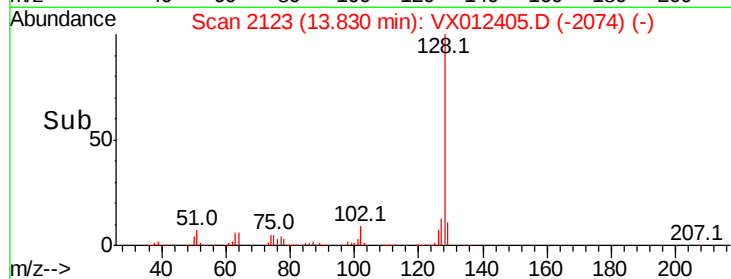
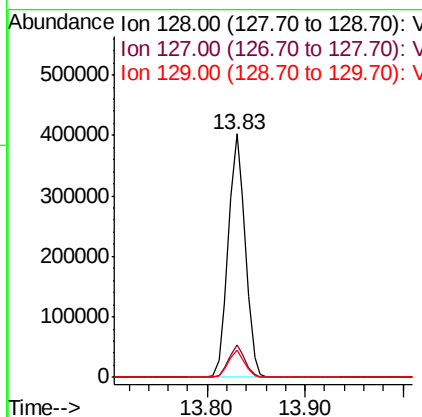
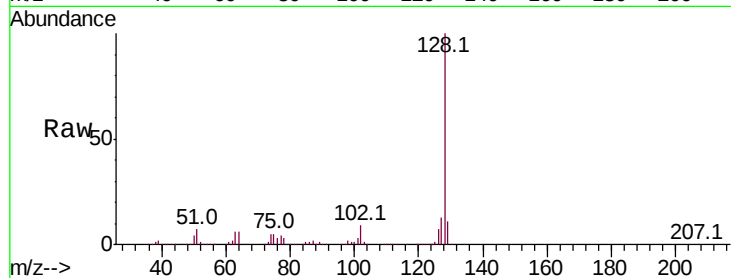
#95
Naphthalene
Concen: 68.075 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012405.D
Acq: 16 Sep 2019 13:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	10.8	8.6	13.0

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 55.455 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VX012405.D
Acq: 16 Sep 2019 13:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	46.9	140.8
145	35.3	17.6	52.9

