

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070824\
 Data File : VX042229.D
 Acq On : 08 Jul 2024 11:27
 Operator : JC/MD
 Sample : P3100-16ME
 Misc : 4.48g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 09 02:36:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML070324WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 09 02:35:21 2024
 Response via : Initial Calibration

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

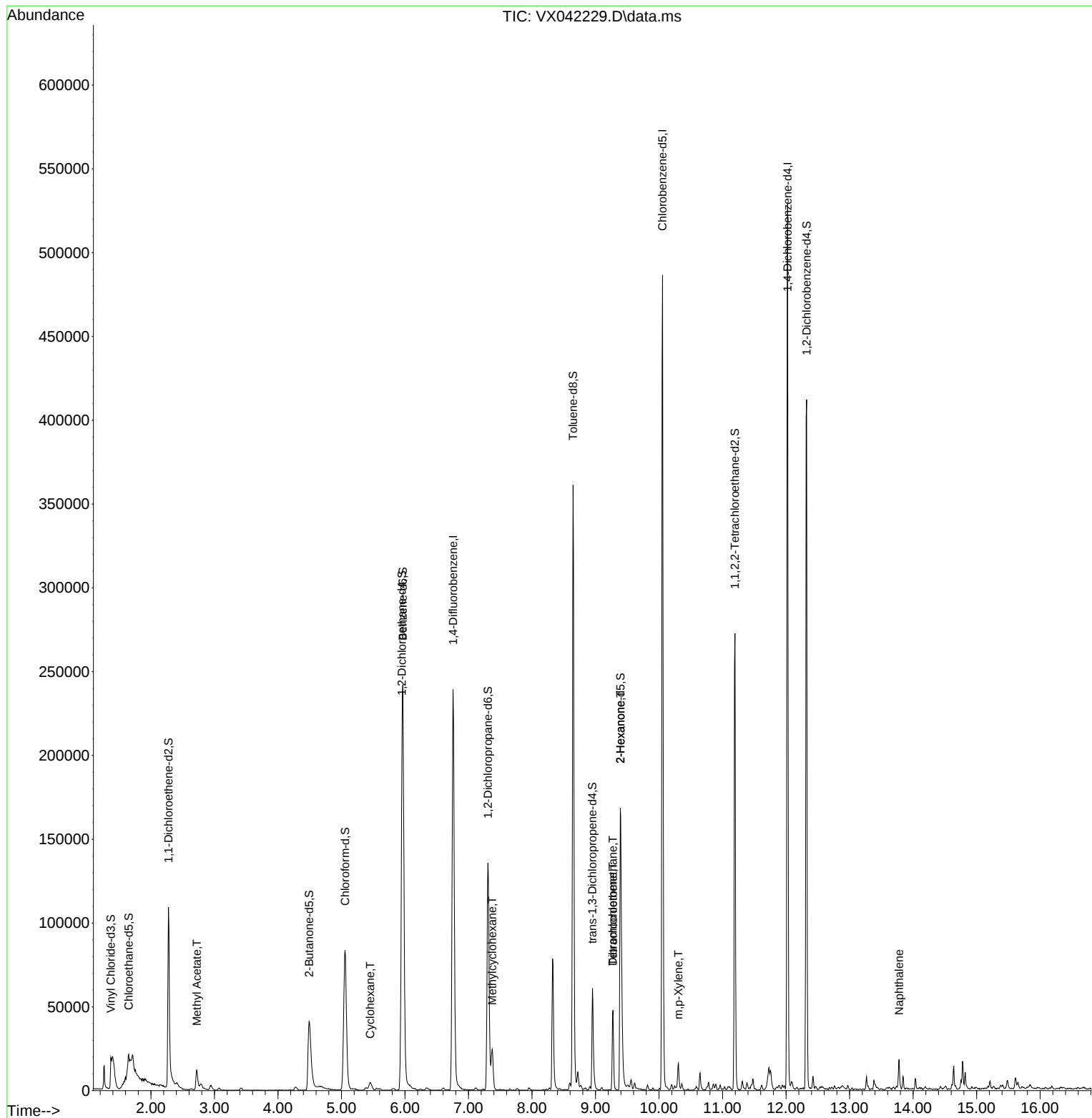
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	269204	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	245571	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	124814	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	14421	9.203	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	18.400%#
7) Chloroethane-d5	1.648	69	7908	8.015	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	16.040%#
11) 1,1-Dichloroethene-d2	2.276	65	22189	32.356	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.720%
21) 2-Butanone-d5	4.489	46	86513	76.615	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	76.610%
24) Chloroform-d	5.056	84	112793	35.801	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	71.600%
26) 1,2-Dichloroethane-d4	5.952	65	73984	39.785	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.560%
32) Benzene-d6	5.964	84	241160	37.993	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.980%
36) 1,2-Dichloropropane-d6	7.305	67	75081	39.305	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	78.620%
41) Toluene-d8	8.647	98	225911	38.192	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.380%#
43) trans-1,3-Dichloroprop...	8.951	79	30215	36.599	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.200%
47) 2-Hexanone-d5	9.390	63	69998	80.729	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.730%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	110043	38.966	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	77.940%
66) 1,2-Dichlorobenzene-d4	12.323	152	97777	40.332	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.660%
Target Compounds						
					Qvalue	
15) Methyl Acetate	2.721	43	16413	8.386	ug/L	100
29) Cyclohexane	5.452	56	3453	1.301	ug/L	98
35) Methylcyclohexane	7.372	83	10510	3.853	ug/L	97
46) Tetrachloroethene	9.275	164	10796	6.412	ug/L	96
48) 2-Hexanone	9.390	43	9086	4.604	ug/L #	59
49) Dibromochloromethane	9.275	129	9333	4.861	ug/L #	11
53) m,p-Xylene	10.305	106	3975	1.240	ug/L	97
71) Naphthalene	13.780	128	12457	1.556	ug/L	98

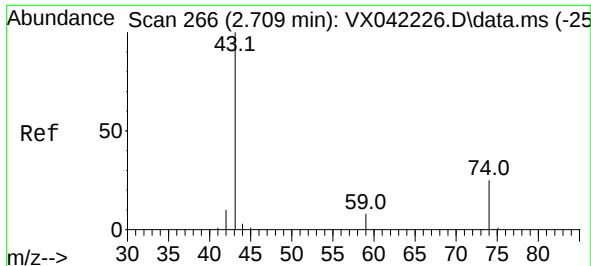
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Jul 09 02:35:21 2024
Response via : Initial Calibration





#15

Methyl Acetate

Concen: 8.386 ug/L

RT: 2.721 min Scan# 2

Delta R.T. 0.012 min

Lab File: VX042229.D

Acq: 08 Jul 2024 11:27

Instrument :

MSVOA_X

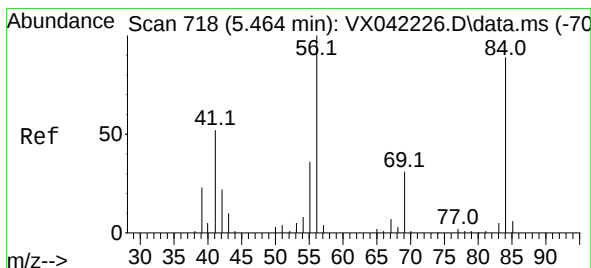
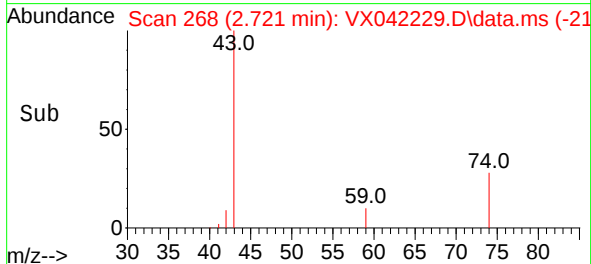
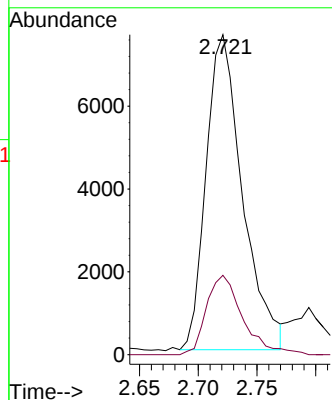
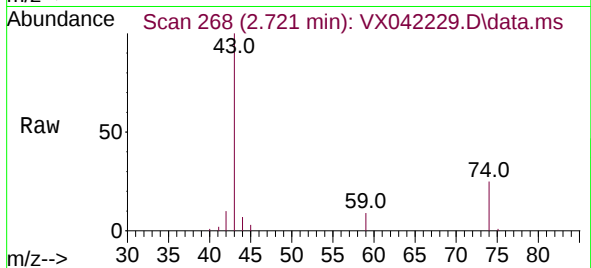
ClientSampleId :

Tgt Ion: 43 Resp: 16413

Ion Ratio Lower Upper

43 100

74 25.1 20.1 30.1



#29

Cyclohexane

Concen: 1.301 ug/L

RT: 5.452 min Scan# 716

Delta R.T. -0.012 min

Lab File: VX042229.D

Acq: 08 Jul 2024 11:27

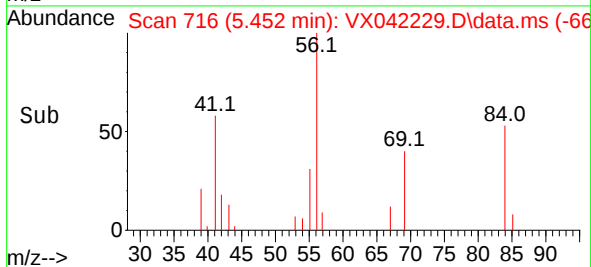
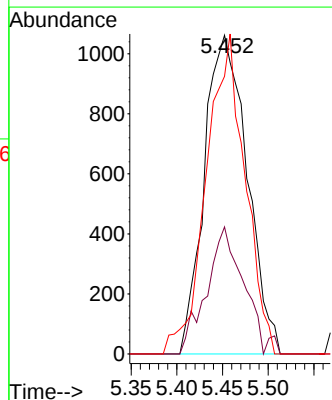
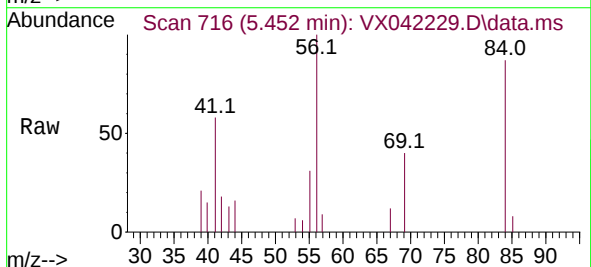
Tgt Ion: 56 Resp: 3453

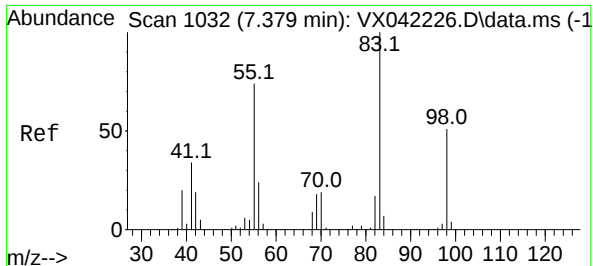
Ion Ratio Lower Upper

56 100

69 33.7 25.3 37.9

84 90.6 74.0 111.0





#35

Methylcyclohexane

Concen: 3.853 ug/L

RT: 7.372 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX042229.D

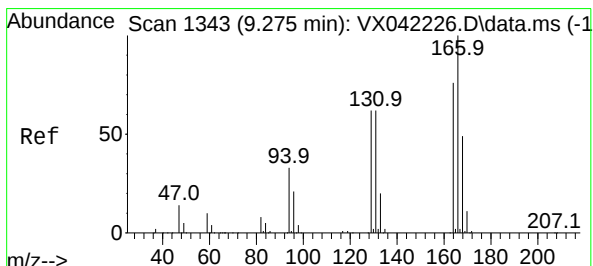
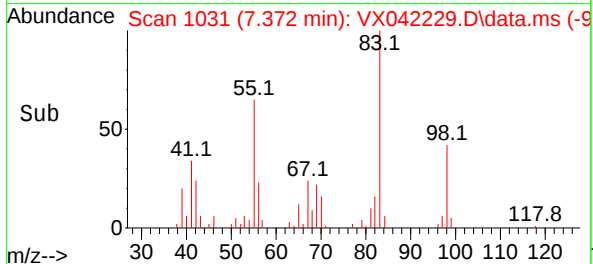
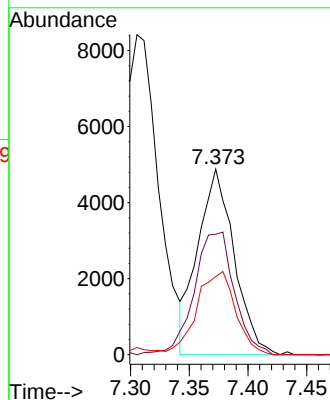
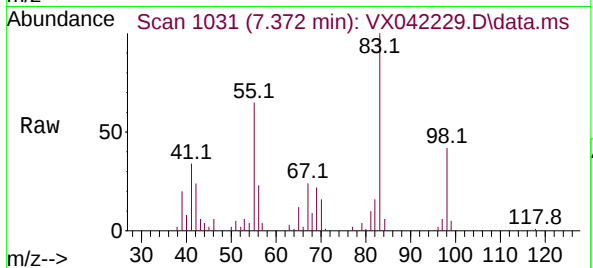
Acq: 08 Jul 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 83	Resp:	10510
Ion Ratio	Lower	Upper
83	100	
55	72.9	56.4 84.6
98	47.6	40.4 60.6



#46

Tetrachloroethene

Concen: 6.412 ug/L

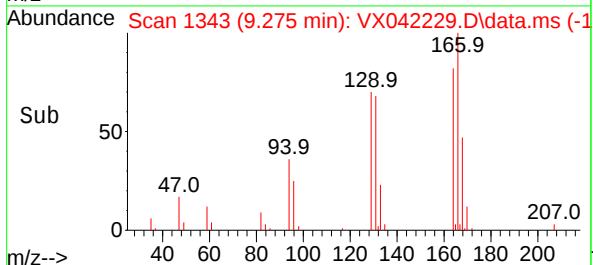
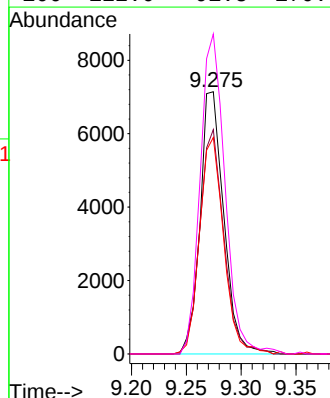
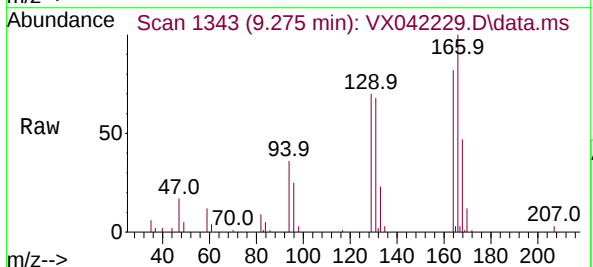
RT: 9.275 min Scan# 1343

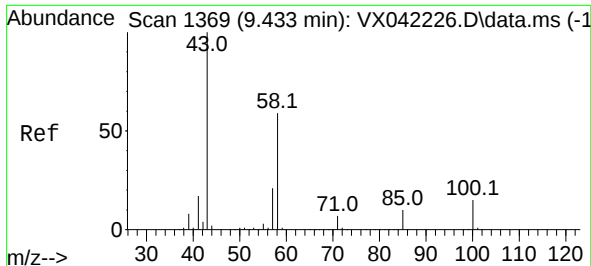
Delta R.T. -0.000 min

Lab File: VX042229.D

Acq: 08 Jul 2024 11:27

Tgt Ion: 164	Resp:	10796
Ion Ratio	Lower	Upper
164	100	
129	85.5	58.6 108.8
131	82.5	57.9 107.5
166	122.0	91.8 170.4





#48

2-Hexanone

Concen: 4.604 ug/L

RT: 9.390 min Scan# 1362

Delta R.T. -0.043 min

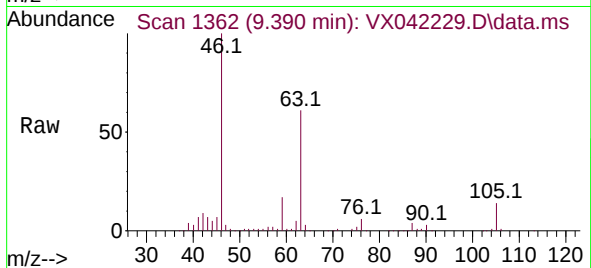
Lab File: VX042229.D

Acq: 08 Jul 2024 11:27

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 43 Resp: 9086

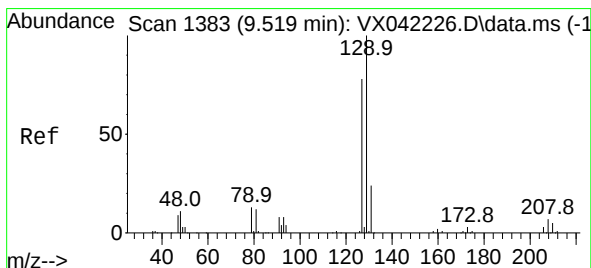
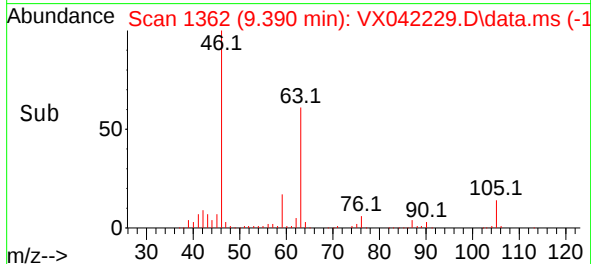
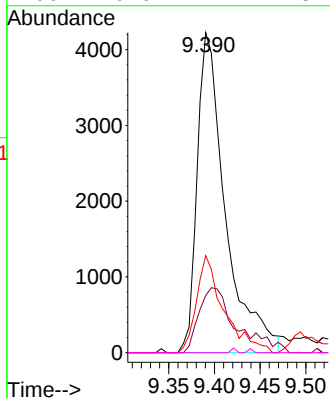
Ion Ratio Lower Upper

43 100

58 21.1 46.4 69.6#

57 29.2 16.3 24.5#

100 0.0 12.1 18.1#



#49

Dibromochloromethane

Concen: 4.861 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. -0.244 min

Lab File: VX042229.D

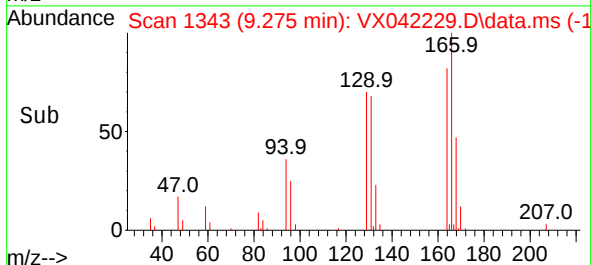
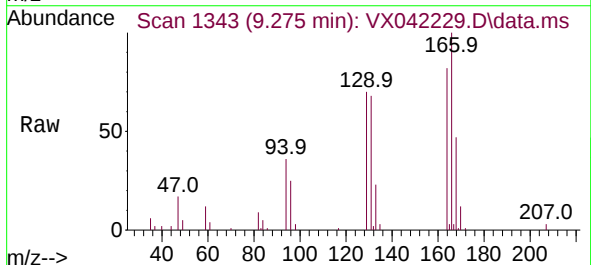
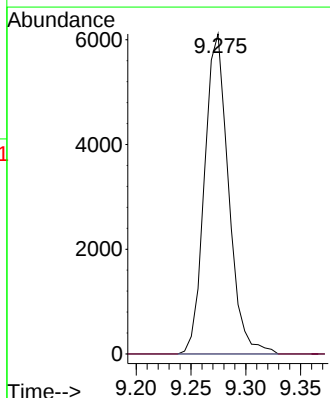
Acq: 08 Jul 2024 11:27

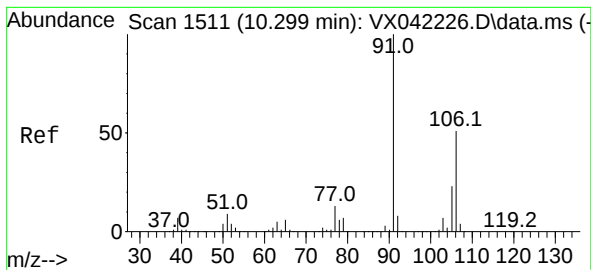
Tgt Ion: 129 Resp: 9333

Ion Ratio Lower Upper

129 100

127 0.0 53.7 99.7#





#53

m,p-Xylene

Concen: 1.240 ug/L

RT: 10.305 min Scan# 1511

Delta R.T. 0.006 min

Lab File: VX042229.D

Acq: 08 Jul 2024 11:27

Instrument :

MSVOA_X

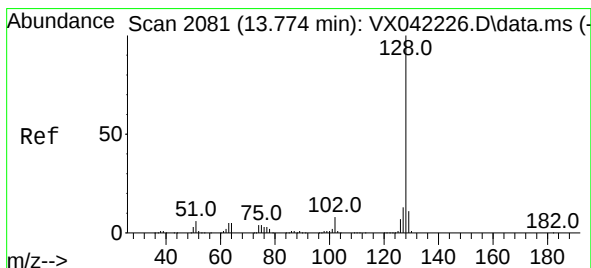
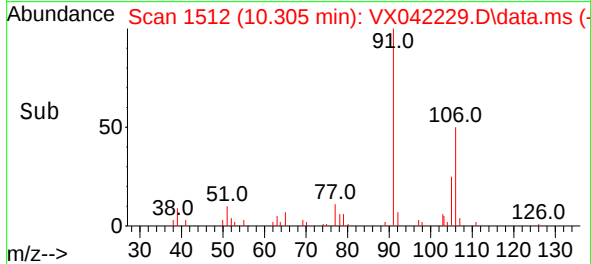
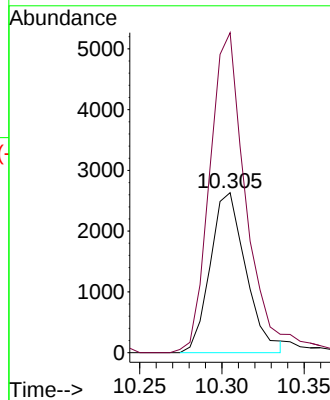
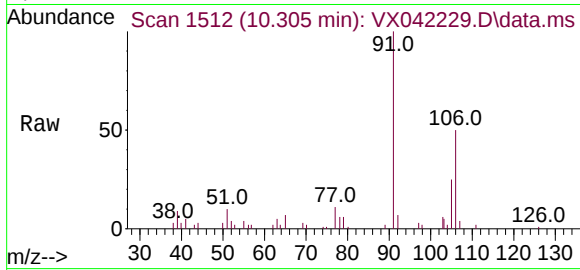
ClientSampleId :

Tgt Ion:106 Resp: 3975

Ion Ratio Lower Upper

106 100

91 200.0 136.4 253.2



#71

Naphthalene

Concen: 1.556 ug/L

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX042229.D

Acq: 08 Jul 2024 11:27

Tgt Ion:128 Resp: 12457

Ion Ratio Lower Upper

128 100

127 13.7 10.4 15.6

129 12.0 8.9 13.3

