

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062524\
 Data File : VY018693.D
 Acq On : 25 Jun 2024 17:11
 Operator : SY/MD
 Sample : P3045-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 6AB

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
 Title : SW846 8260

Signal : TIC: VY018693.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.704	955	965	971	rBV	64057	153372	4.15%	1.220%
2	7.777	971	977	992	rVB	104431	231563	6.27%	1.841%
3	8.143	1026	1037	1050	rBV3	144688	379943	10.29%	3.021%
4	8.679	1117	1125	1135	rBV	161616	319671	8.66%	2.542%
5	10.173	1362	1370	1375	rBV	258229	433850	11.75%	3.450%
6	10.240	1375	1381	1392	rVB	294759	514502	13.94%	4.091%
7	11.483	1578	1585	1595	rBV	242599	391230	10.60%	3.111%
8	11.587	1596	1602	1609	rVV	49899	78081	2.12%	0.621%
9	11.697	1611	1620	1629	rVB	253520	457659	12.40%	3.639%
10	12.026	1667	1674	1686	rVB	196755	315289	8.54%	2.507%
11	12.477	1742	1748	1757	rVB	182003	288324	7.81%	2.293%
12	12.733	1784	1790	1793	rBV	54872	86244	2.34%	0.686%
13	12.806	1798	1802	1809	rVB	83237	130210	3.53%	1.035%
14	12.971	1820	1829	1837	rBV	32716	62303	1.69%	0.495%
15	13.117	1846	1853	1858	rBV	205119	302213	8.19%	2.403%
16	13.422	1897	1903	1906	rBV	236555	362897	9.83%	2.885%
17	13.453	1906	1908	1913	rVB	102772	133945	3.63%	1.065%
18	13.623	1931	1936	1939	rBV2	34195	48850	1.32%	0.388%
19	13.660	1939	1942	1951	rVB3	31806	49441	1.34%	0.393%
20	13.806	1961	1966	1974	rVB2	101218	162688	4.41%	1.294%
21	13.916	1980	1984	1988	rVV	23013	37834	1.02%	0.301%
22	13.971	1988	1993	1997	rVB2	31364	46667	1.26%	0.371%
23	14.074	2005	2010	2015	rBV3	22847	38460	1.04%	0.306%
24	14.294	2036	2046	2049	rBV4	25210	51500	1.40%	0.409%
25	14.330	2049	2052	2057	rVB	41080	57282	1.55%	0.455%
26	14.611	2094	2098	2102	rVB2	28583	40976	1.11%	0.326%
27	14.672	2102	2108	2115	rBV3	60368	132926	3.60%	1.057%
28	14.830	2130	2134	2139	rBV2	24635	39126	1.06%	0.311%
29	15.050	2165	2170	2176	rVB3	20125	39731	1.08%	0.316%
30	15.233	2190	2200	2208	rBV	2316094	3691640	100.00%	29.353%
31	15.330	2210	2216	2223	rVB2	52139	100034	2.71%	0.795%
32	16.226	2355	2363	2366	rBV4	22649	48412	1.31%	0.385%
33	16.287	2366	2373	2384	rVV	1033184	2016630	54.63%	16.035%
34	16.489	2398	2406	2419	rVB	625047	1333110	36.11%	10.600%

Sum of corrected areas: 12576603

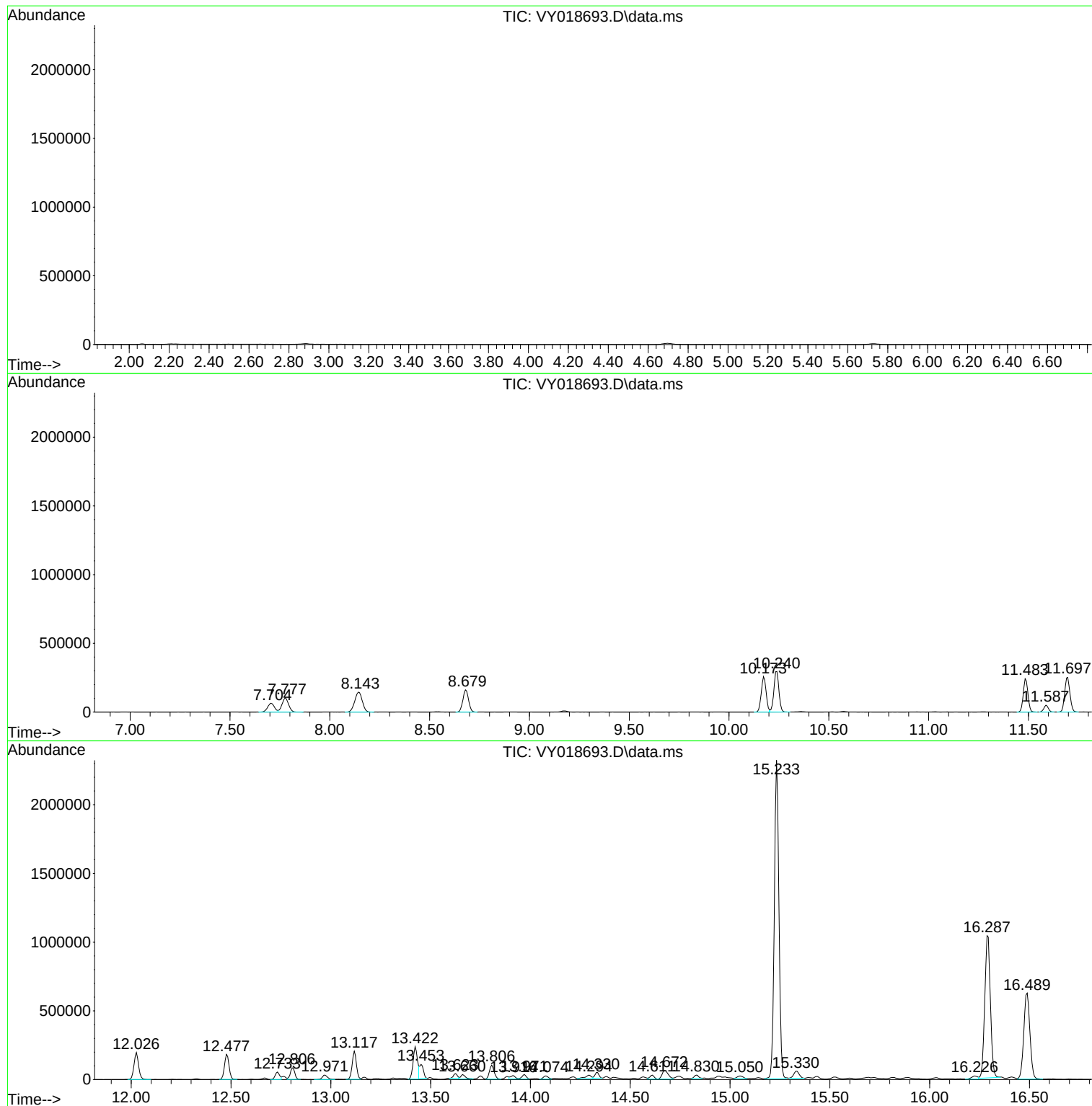
Instrument :
MSVOA_Y
ClientSampleId :
6AB

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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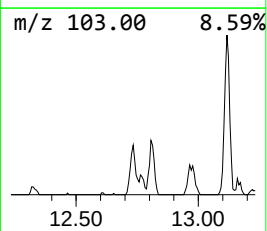
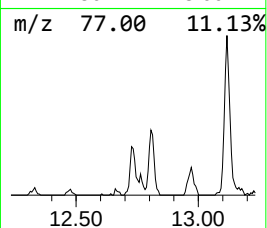
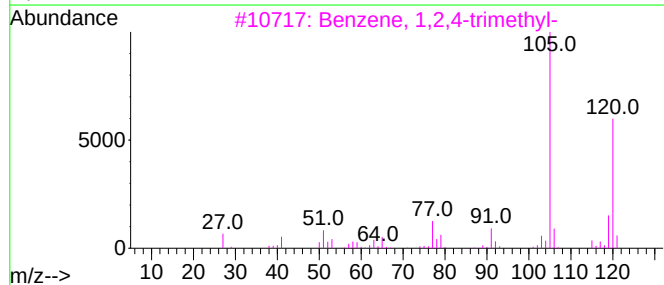
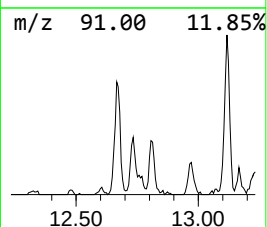
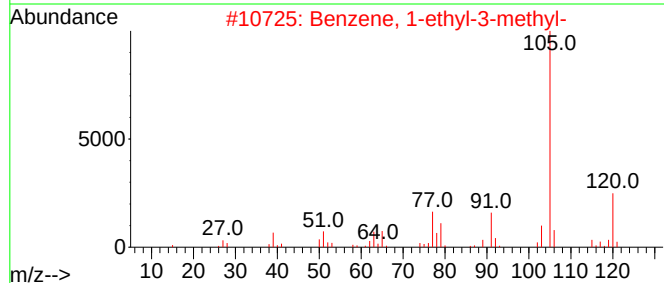
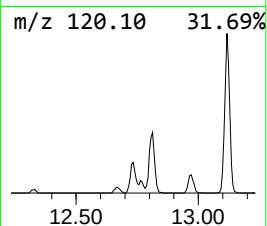
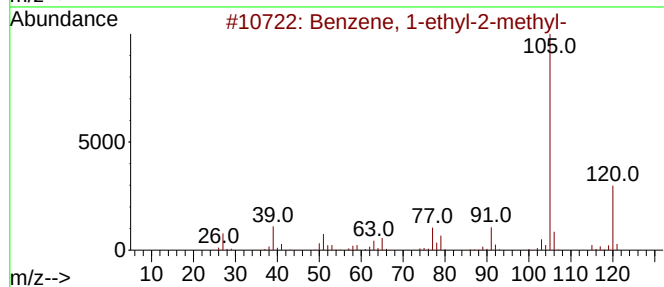
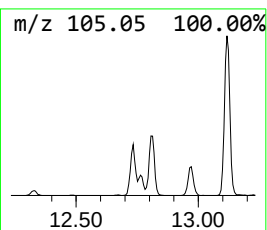
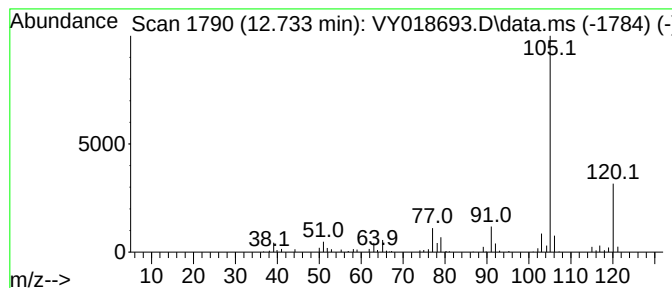
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.733	11.88 ug/l	86244	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
3			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4			Mesitylene	120	C9H12	000108-67-8	91
5			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90



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ClientSampleId :
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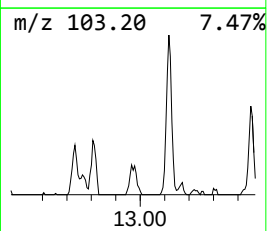
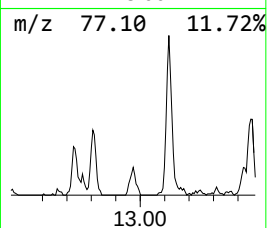
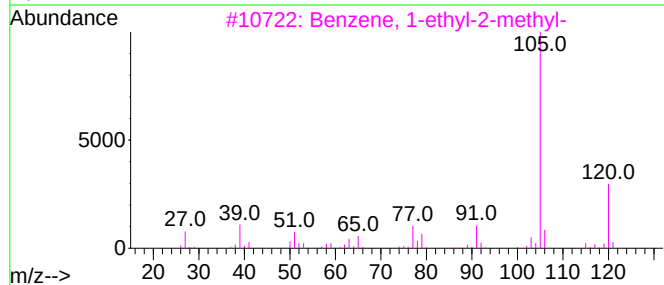
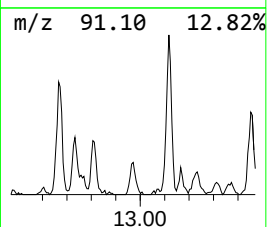
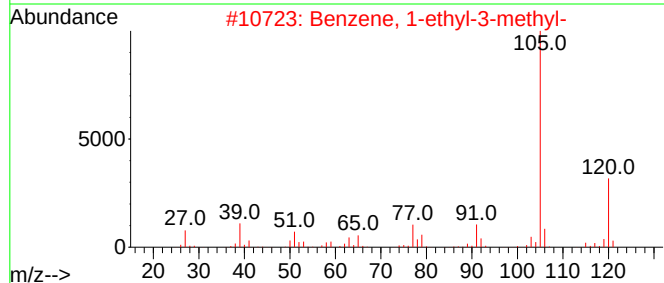
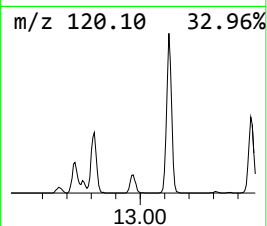
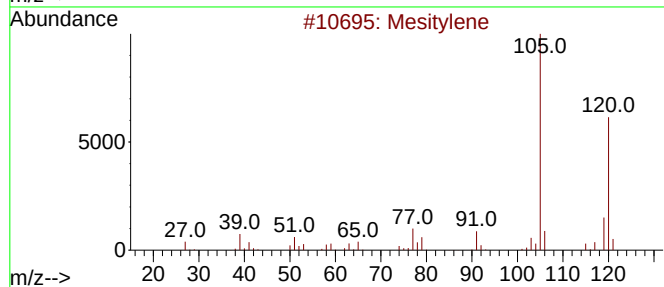
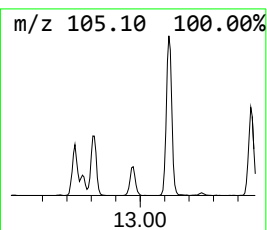
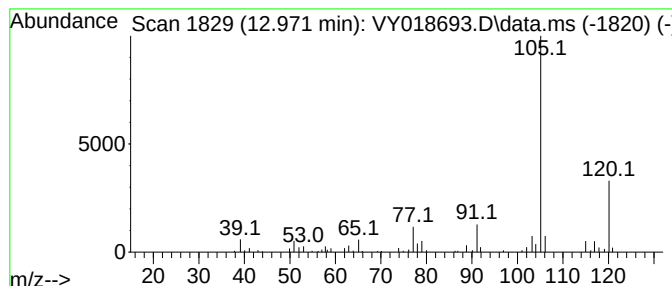
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 1-ethyl-3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.971	8.58 ug/l	62303	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Mesitylene	120	C9H12	000108-67-8	91
2			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
3			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87
4			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	86
5			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	83



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Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
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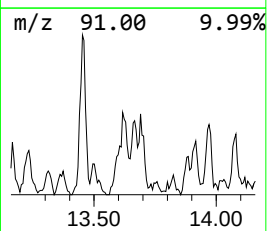
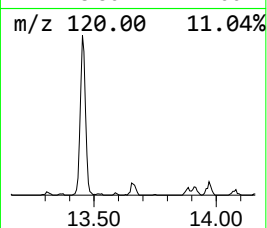
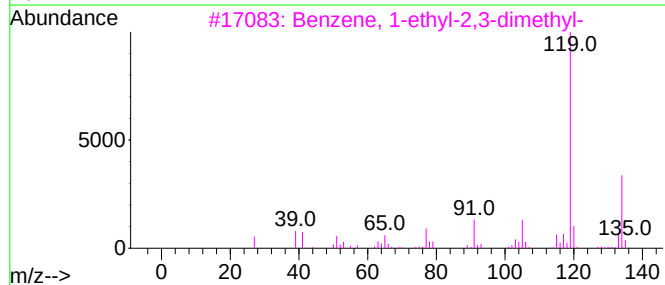
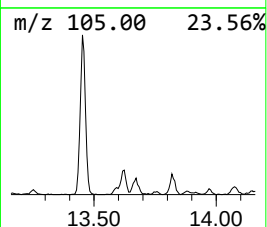
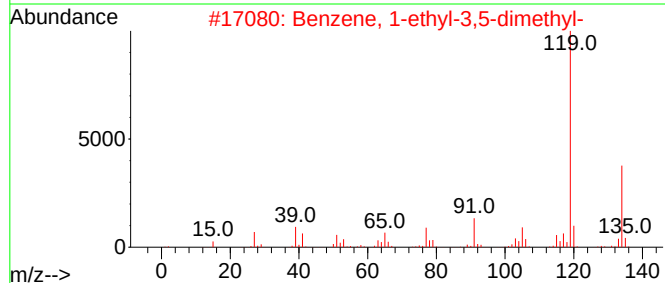
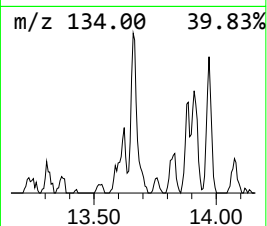
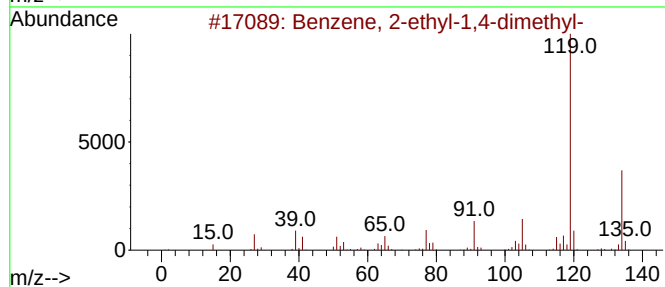
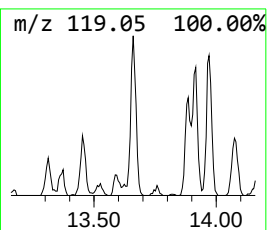
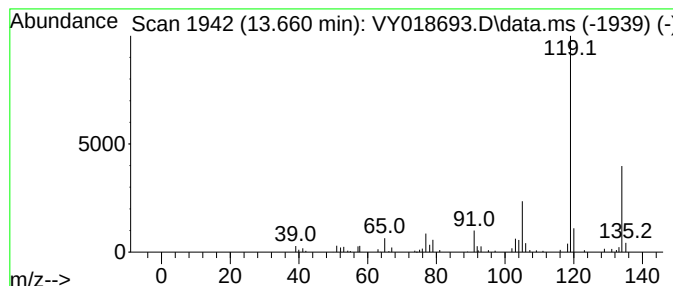
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.660	6.81 ug/l	49441	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
2			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
3			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87
4			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	81
5			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	80



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Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
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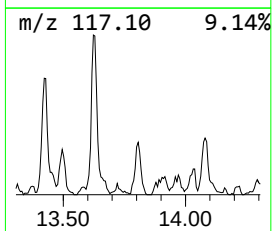
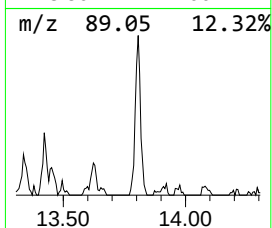
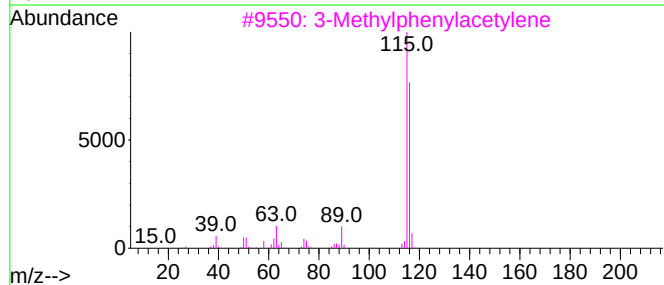
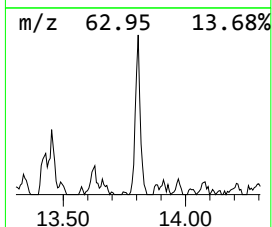
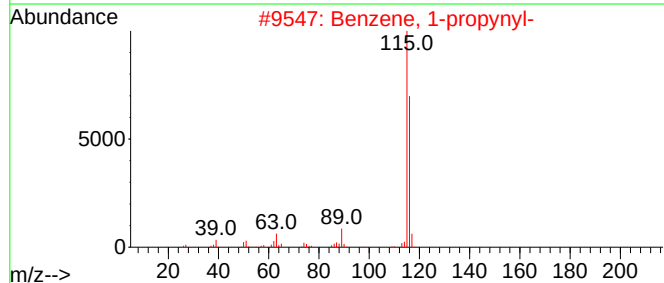
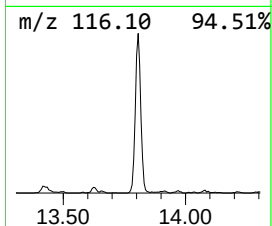
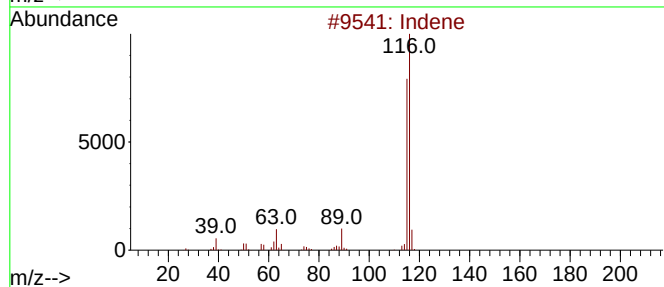
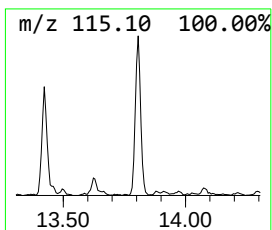
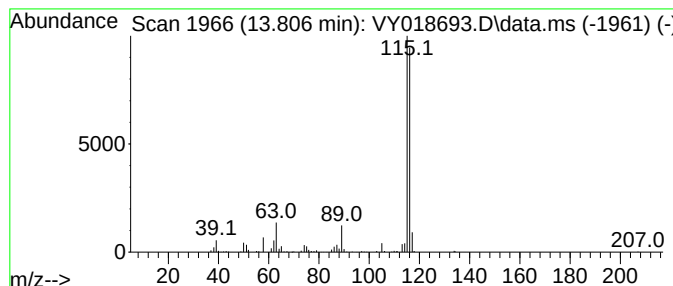
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Indene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.806	22.42 ug/l	162688	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indene	116	C9H8	000095-13-6	97
2			Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
3			3-Methylphenylacetylene	116	C9H8	000766-82-5	91
4			Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	90
5			2-Methylphenylacetylene	116	C9H8	000766-47-2	90



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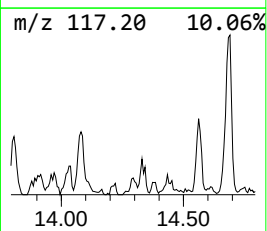
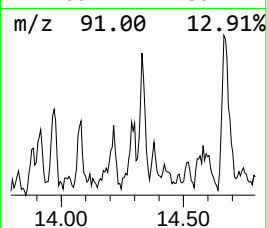
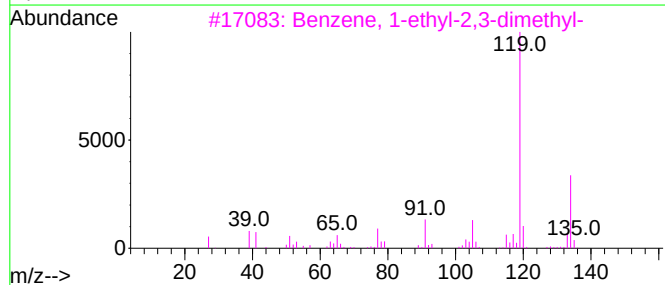
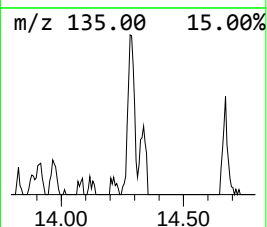
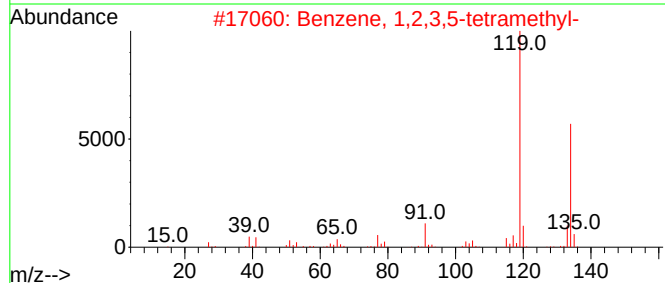
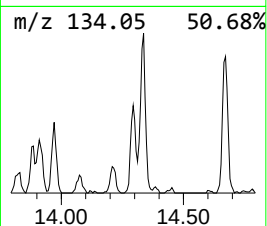
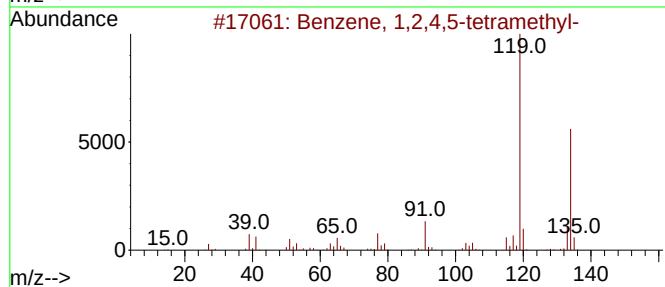
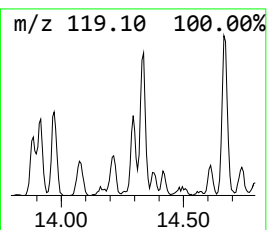
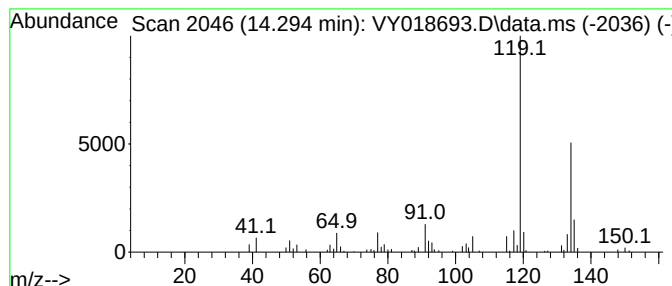
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.294	7.10 ug/l	51500	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
2			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
3			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
4			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
5			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91



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6AB

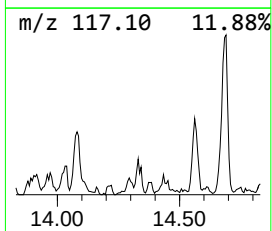
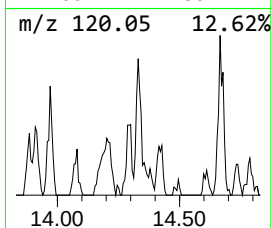
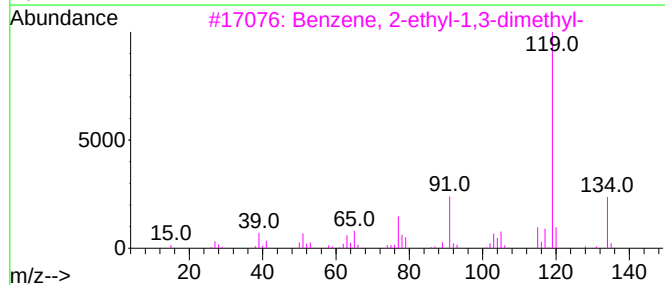
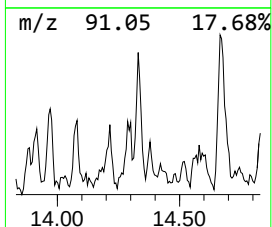
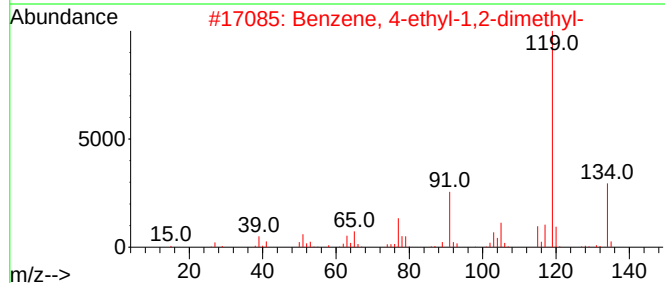
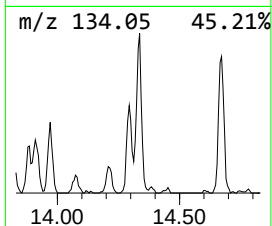
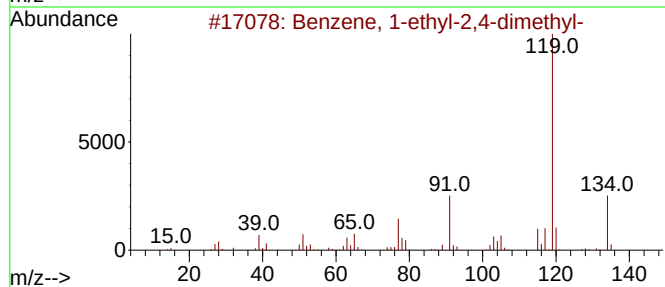
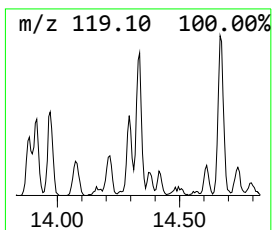
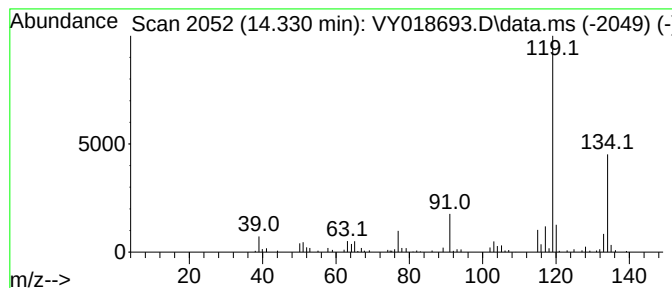
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.331	7.89 ug/l	57282	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
2			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
3			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
4			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062524\
Data File : VY018693.D
Acq On : 25 Jun 2024 17:11
Operator : SY/MD
Sample : P3045-01
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
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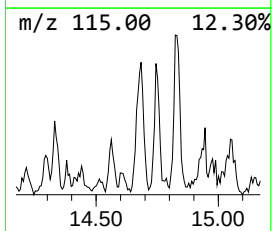
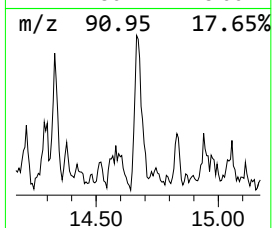
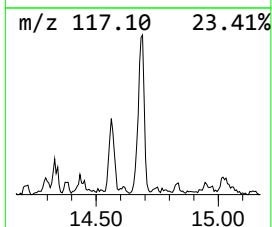
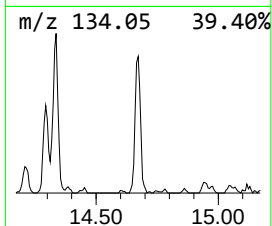
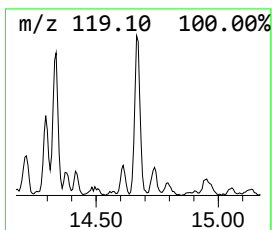
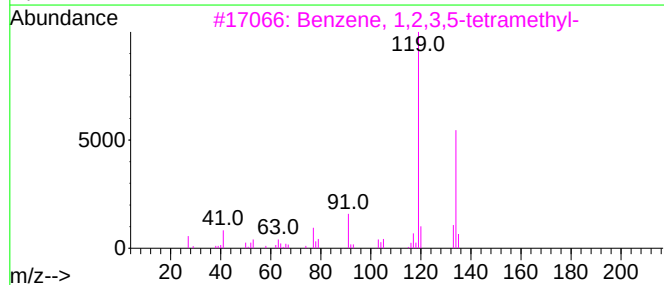
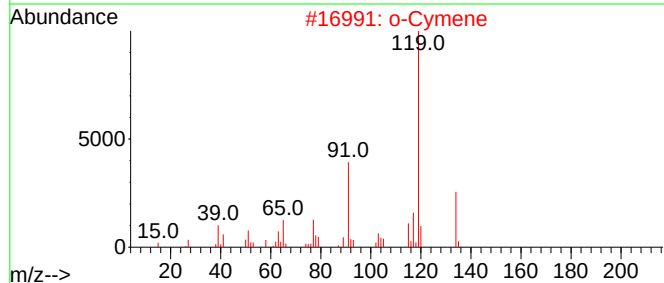
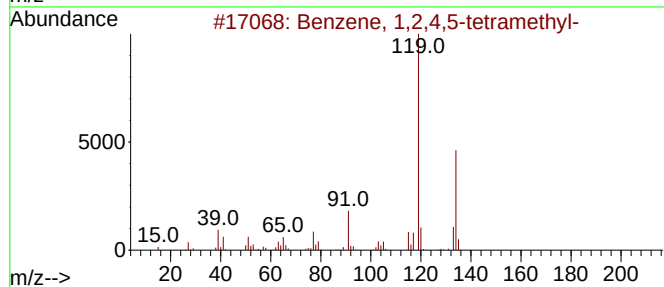
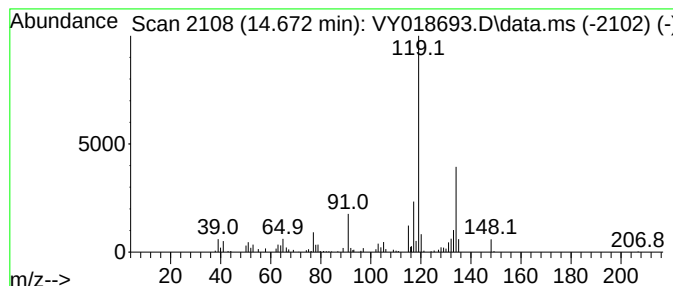
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 o-Cymene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.672	18.31 ug/l	132926	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
2			o-Cymene	134	C10H14	000527-84-4	81
3			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	81
4			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	81
5			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062524\
Data File : VY018693.D
Acq On : 25 Jun 2024 17:11
Operator : SY/MD
Sample : P3045-01
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
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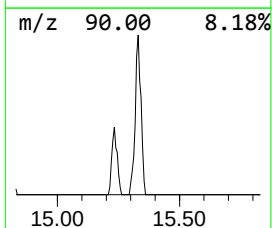
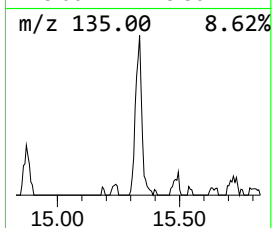
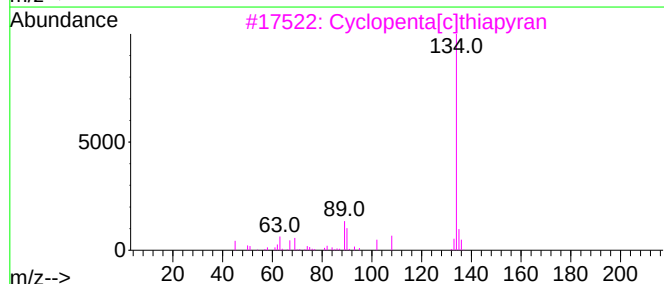
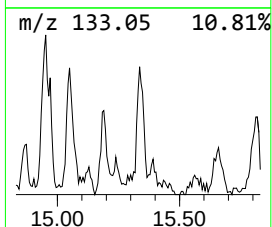
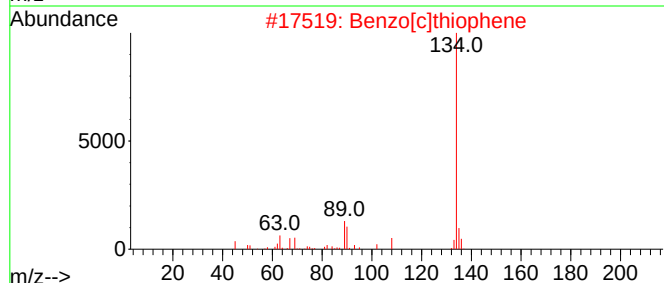
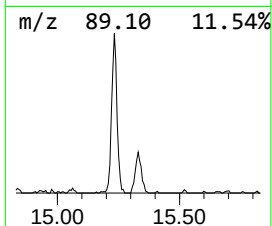
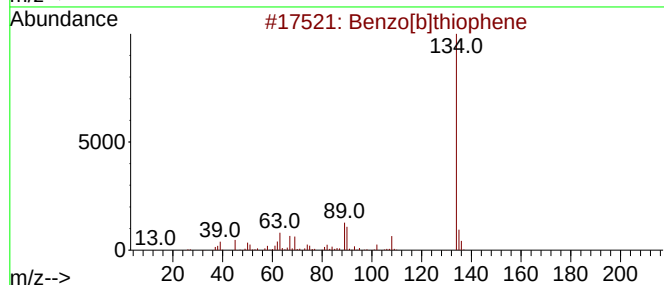
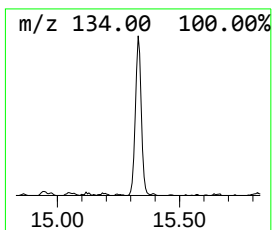
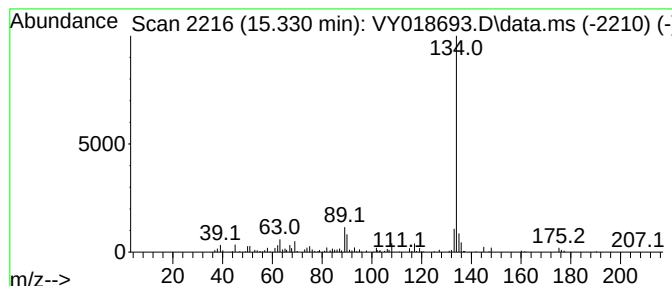
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Benzo[b]thiophene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.330	13.78 ug/l	100034	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]thiophene	134	C8H6S	000095-15-8	93
2			Benzo[c]thiophene	134	C8H6S	000270-82-6	83
3			Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	83
4			Thiazole, 2-methyl-4-phenyl-	175	C10H9NS	001826-16-0	72
5			Thiazolidin-4-one, 5-benzylideno...	287	C13H9N3OS2	351062-07-2	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062524\
Data File : VY018693.D
Acq On : 25 Jun 2024 17:11
Operator : SY/MD
Sample : P3045-01
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
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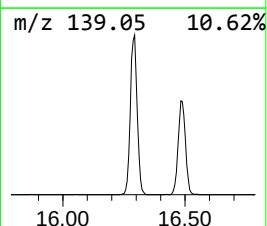
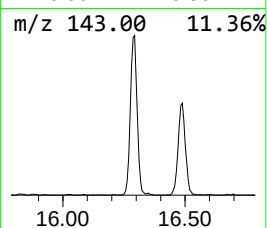
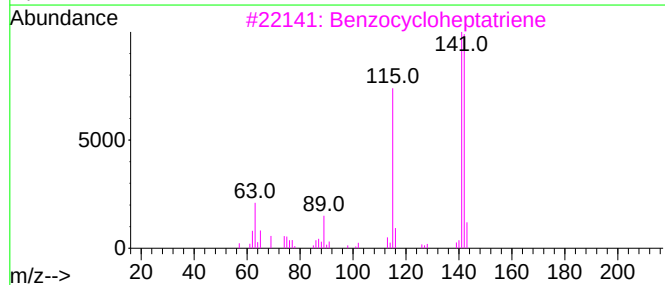
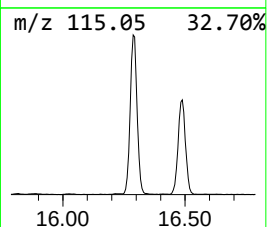
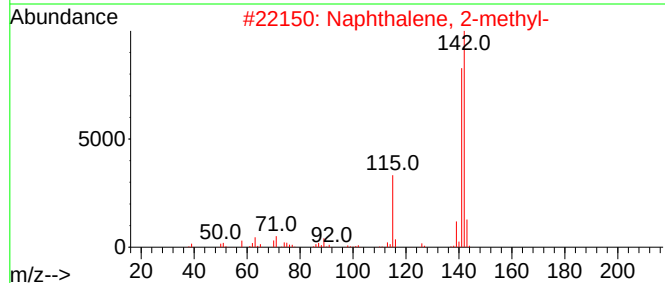
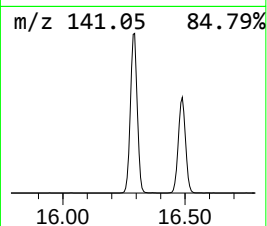
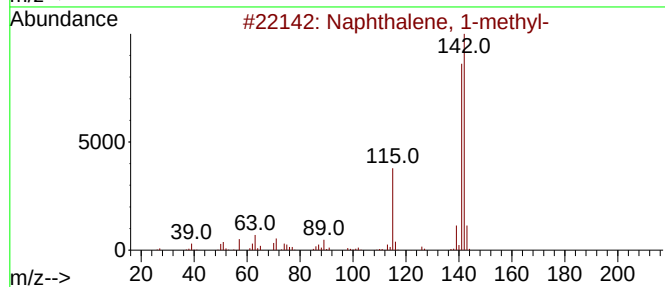
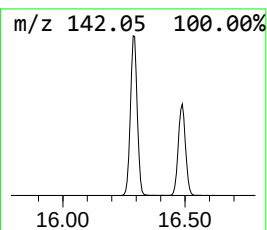
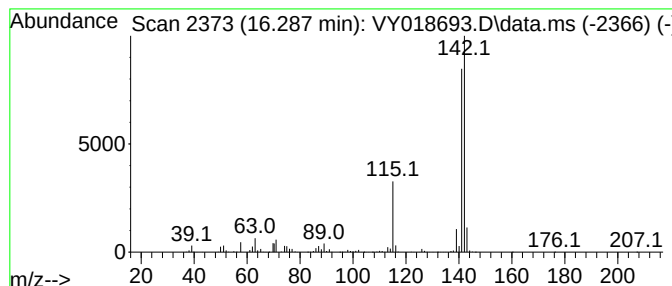
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.287	277.85 ug/l	2016630	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3			Benzocycloheptatriene	142	C11H10	000264-09-5	91
4			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5			1H-Indole-4-carbonitrile	142	C9H6N2	016136-52-0	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062524\
Data File : VY018693.D
Acq On : 25 Jun 2024 17:11
Operator : SY/MD
Sample : P3045-01
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
6AB

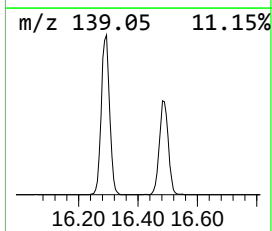
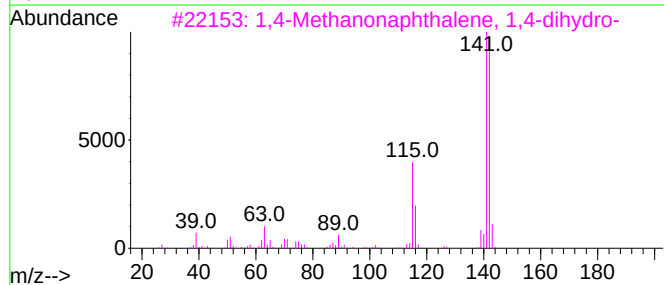
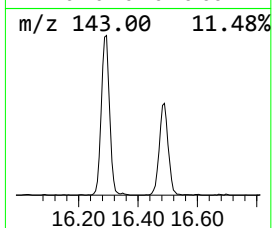
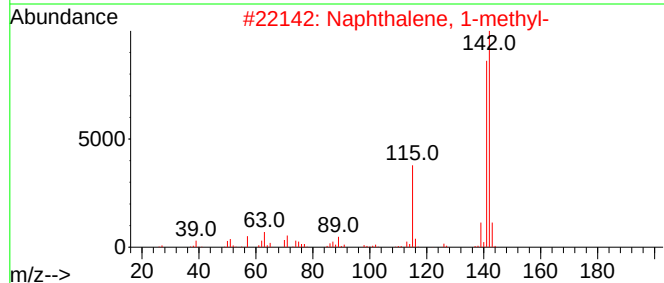
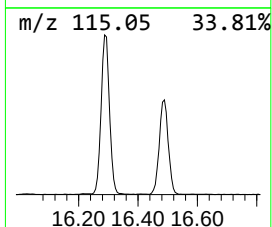
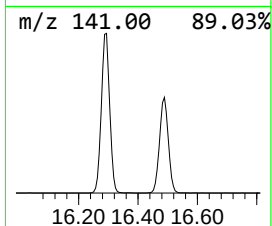
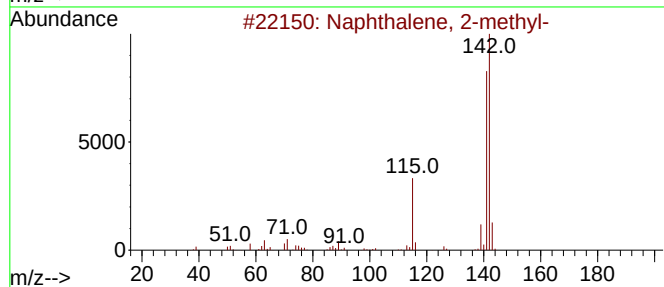
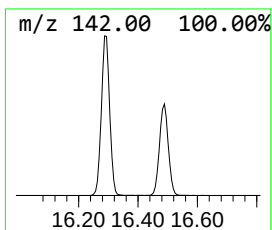
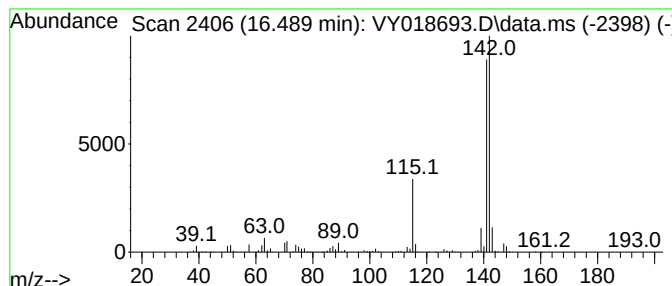
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Naphthalene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.489	183.68 ug/l	1333110	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
4			Benzocycloheptatriene	142	C11H10	000264-09-5	90
5			1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062524\
Data File : VY018693.D
Acq On : 25 Jun 2024 17:11
Operator : SY/MD
Sample : P3045-01
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
6AB

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Benzene, 1-ethy...	12.971	8.6	ug/l	62303	4	13.422	362897	50.0
Benzene, 2-ethy...	13.660	6.8	ug/l	49441	4	13.422	362897	50.0
Indene	13.806	22.4	ug/l	162688	4	13.422	362897	50.0
Benzene, 1,2,4,...	14.294	7.1	ug/l	51500	4	13.422	362897	50.0
Benzene, 1-ethy...	14.331	7.9	ug/l	57282	4	13.422	362897	50.0
o-Cymene	14.672	18.3	ug/l	132926	4	13.422	362897	50.0
Benzo[b]thiophene	15.330	13.8	ug/l	100034	4	13.422	362897	50.0
Naphthalene, 1-...	16.287	277.9	ug/l	2016630	4	13.422	362897	50.0
Naphthalene, 2-...	16.489	183.7	ug/l	1333110	4	13.422	362897	50.0