

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080723\
 Data File : VD076944.D
 Acq On : 07 Aug 2023 21:21
 Operator : KP/SY
 Sample : 03903-07
 Misc : 7.02G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MW-07

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_D\Method\82D071423S.M
 Title : SW846 8260

Signal : TIC: VD076944.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	10.046	1428	1438	1450	rBV	310702	774771	1.07%	0.286%
2	10.334	1480	1487	1493	rVB	529854	1013211	1.39%	0.375%
3	10.457	1500	1508	1515	rVB2	475585	994558	1.37%	0.368%
4	11.687	1709	1717	1726	rBV	9679628	15578978	21.43%	5.758%
5	11.793	1726	1735	1746	rBV	41213193	72708963	100.00%	26.876%
6	12.122	1779	1791	1803	rBV	15301111	23321975	32.08%	8.621%
7	12.422	1835	1842	1849	rBV	1656967	2557593	3.52%	0.945%
8	12.763	1892	1900	1905	rBV	5176331	7872325	10.83%	2.910%
9	12.828	1905	1911	1915	rVV	22520477	35962442	49.46%	13.293%
10	12.863	1915	1917	1920	rVV	8850710	10083842	13.87%	3.727%
11	12.904	1920	1924	1932	rVB	7960159	11694943	16.08%	4.323%
12	13.063	1944	1951	1959	rBV	7303700	11060497	15.21%	4.088%
13	13.210	1969	1976	1984	rBV	26413117	39964189	54.96%	14.772%
14	13.340	1990	1998	2004	rBV3	509757	1201881	1.65%	0.444%
15	13.404	2004	2009	2014	rVV	693634	1010756	1.39%	0.374%
16	13.551	2024	2034	2041	rBV	3913319	6146627	8.45%	2.272%
17	13.687	2050	2057	2058	rBV	1049971	1545331	2.13%	0.571%
18	13.716	2058	2062	2066	rVV2	3926967	6703098	9.22%	2.478%
19	13.757	2066	2069	2079	rVV4	2956502	5537510	7.62%	2.047%
20	13.916	2089	2096	2101	rBV	800857	1242159	1.71%	0.459%
21	13.975	2101	2106	2109	rVV	1296238	2133889	2.93%	0.789%
22	14.004	2109	2111	2116	rVV	1172226	1505805	2.07%	0.557%
23	14.063	2116	2121	2126	rVB	1813431	2640277	3.63%	0.976%
24	14.169	2134	2139	2145	rVB2	954398	1561221	2.15%	0.577%
25	14.387	2167	2176	2179	rBV	627450	1084108	1.49%	0.401%
26	14.422	2179	2182	2187	rVB	765707	1106406	1.52%	0.409%
27	14.657	2217	2222	2227	rBV2	485466	821563	1.13%	0.304%
28	14.775	2234	2242	2248	rBV3	881520	1912659	2.63%	0.707%
29	15.334	2324	2337	2343	rBV	431224	797595	1.10%	0.295%

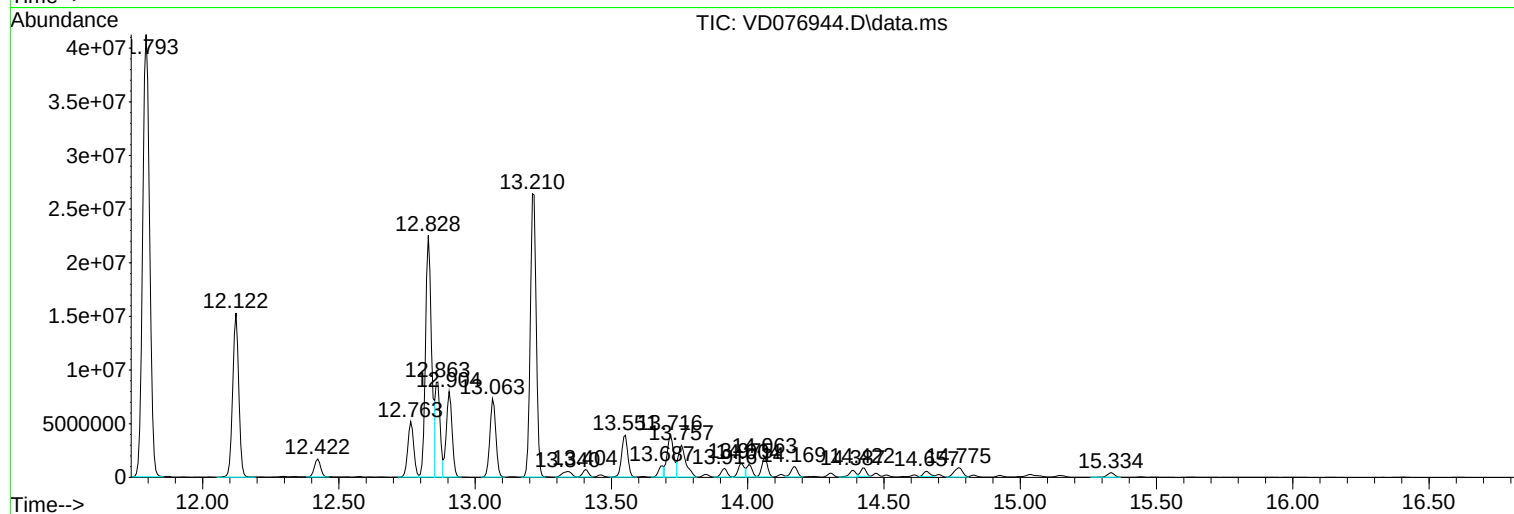
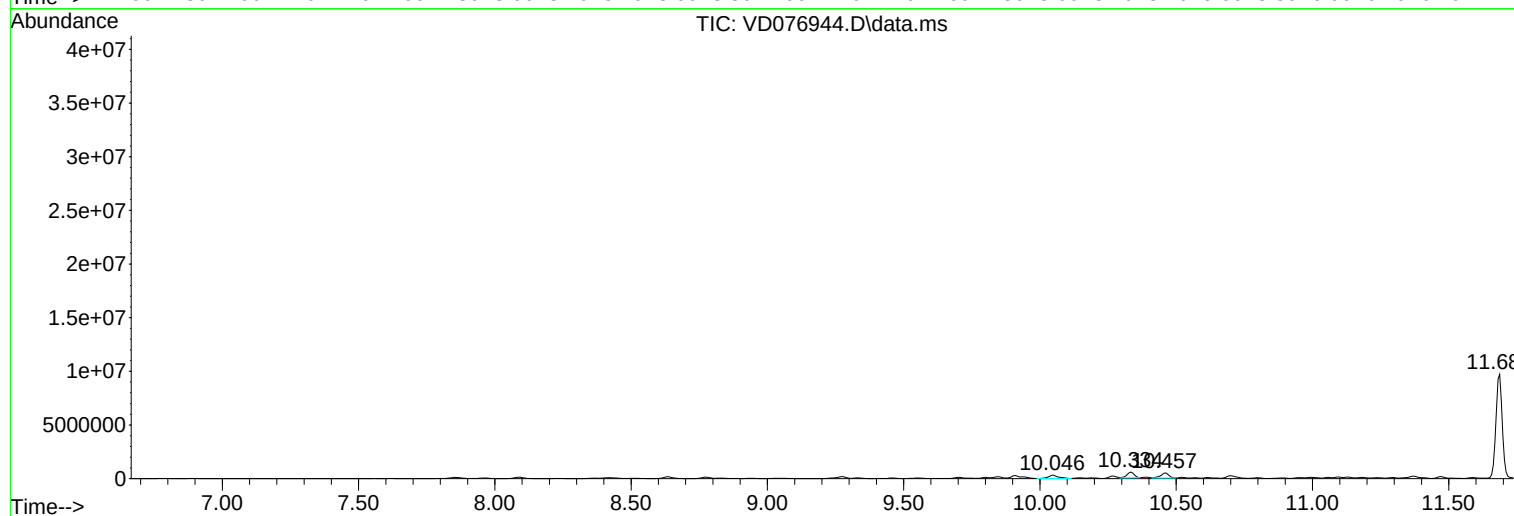
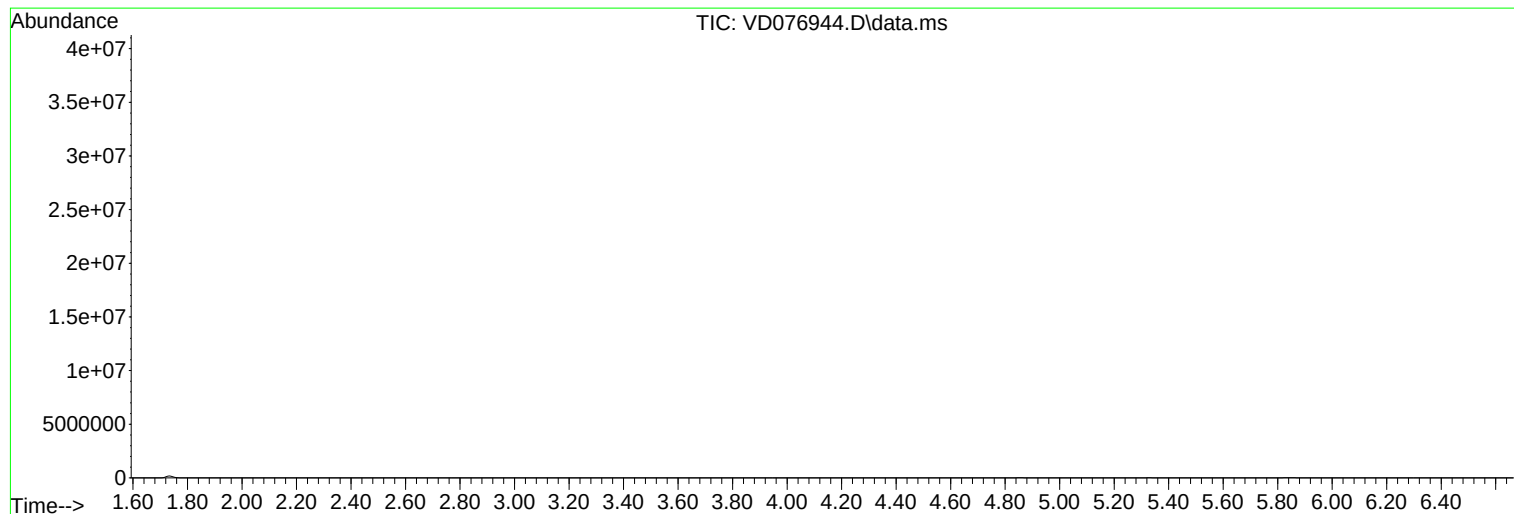
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Instrument :
MSVOA_D
ClientSampleId :
MW-07

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
Quant Title : SW846 8260

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



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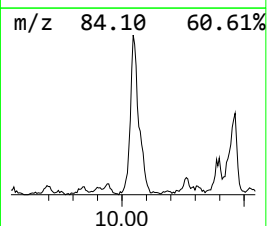
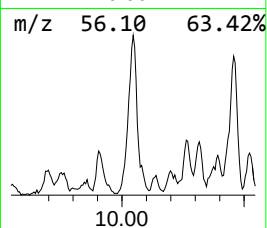
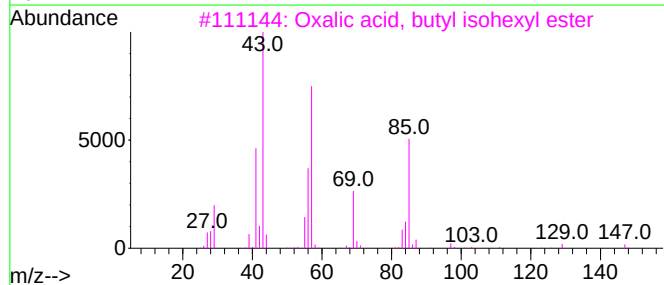
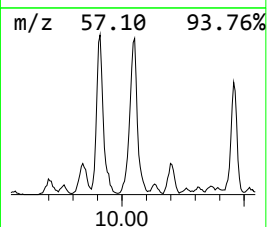
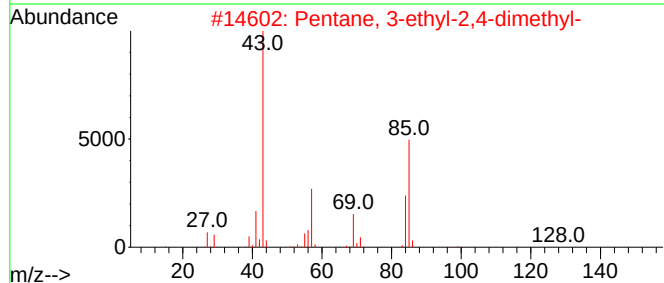
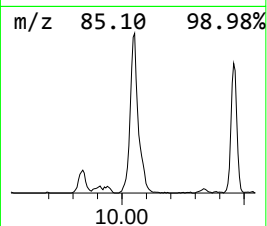
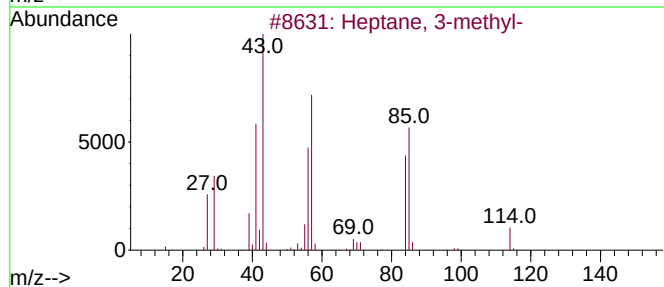
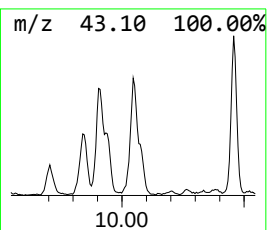
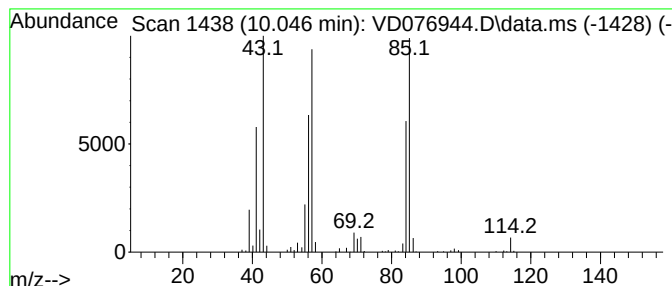
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Quant Title : SW846 8260

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

Peak Number 1 Heptane, 3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.046	50.00 ug/l	774771	1,4-Difluorobenzene	8.775

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3-methyl-	114	C8H18	000589-81-1	94
2			Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	64
3			Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	64
4			Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	53
5			Sulfurous acid, butyl hexyl ester	222	C10H22O3S	1000309-17-3	53



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ALS Vial : 20 Sample Multiplier: 1

Instrument :
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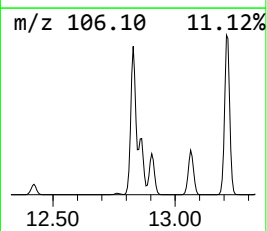
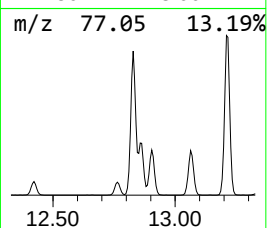
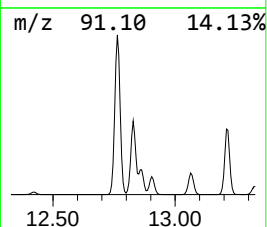
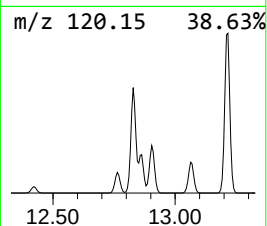
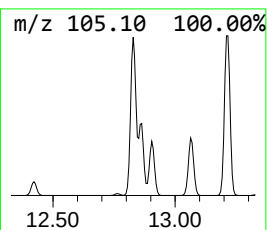
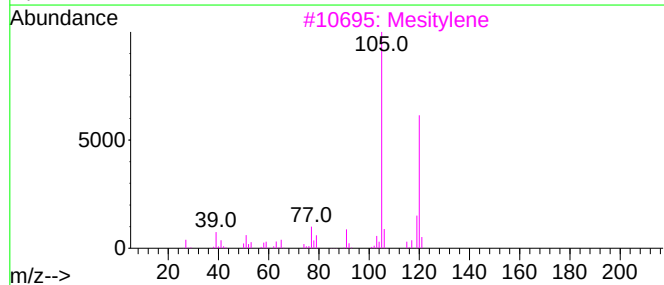
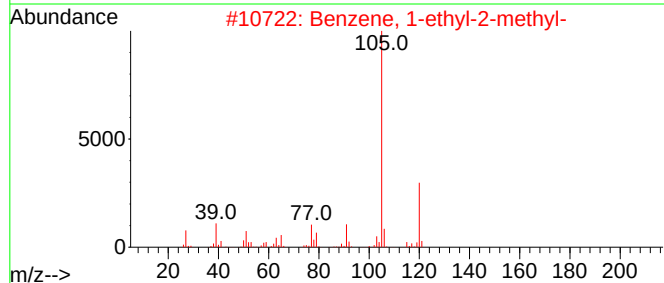
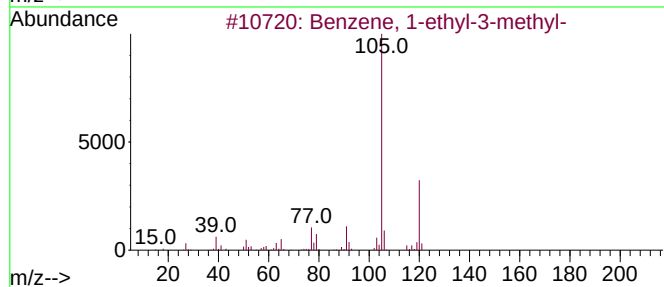
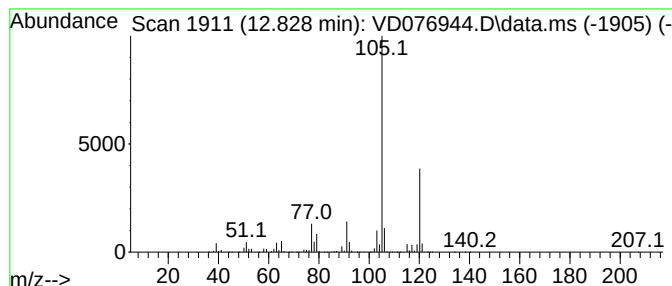
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.828	292.54 ug/l	35962400	1,4-Dichlorobenzene-d4	13.522

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	97
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3			Mesitylene	120	C9H12	000108-67-8	91
4			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



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ALS Vial : 20 Sample Multiplier: 1

Instrument :
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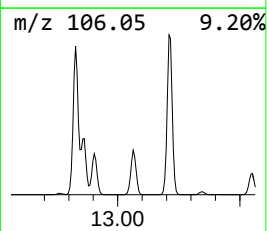
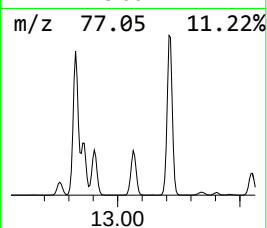
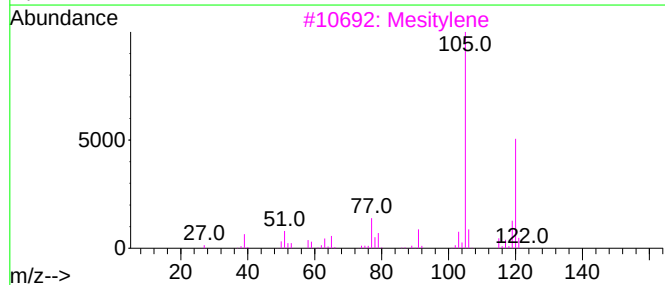
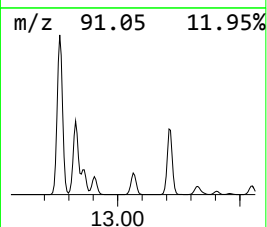
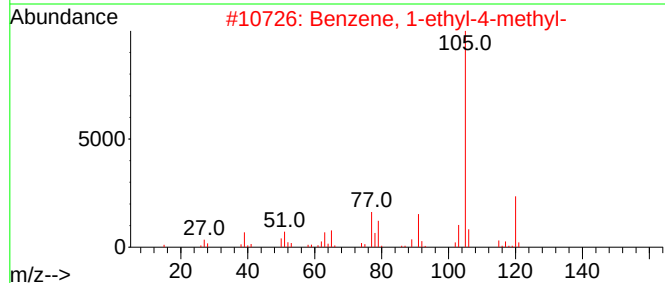
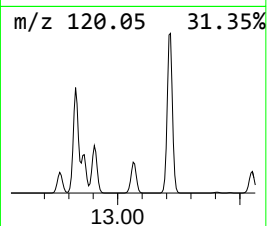
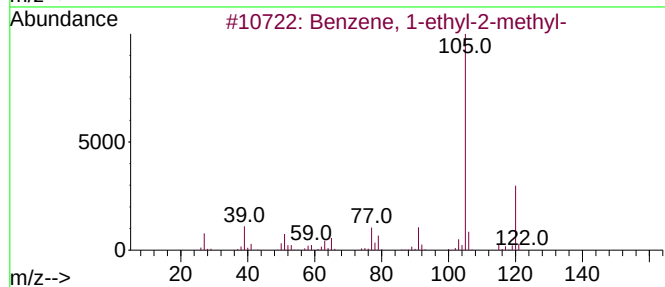
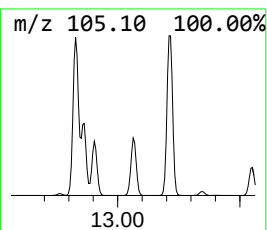
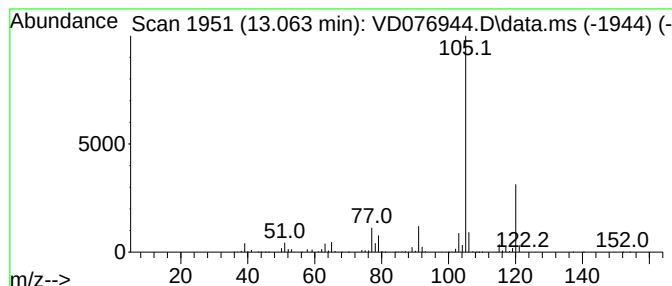
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.063	89.97 ug/l	11060500	1,4-Dichlorobenzene-d4	13.522

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-4-methyl-	120	C9H12	000622-96-8	93
3			Mesitylene	120	C9H12	000108-67-8	90
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90



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Misc : 7.02G/5.0ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

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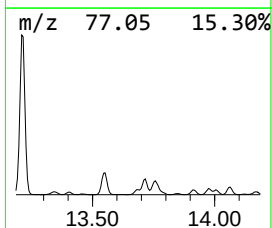
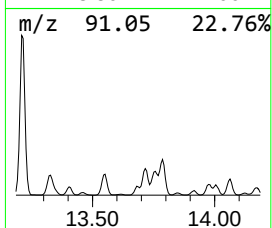
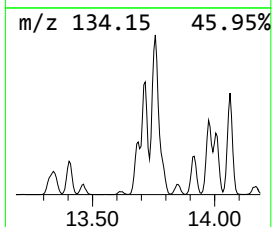
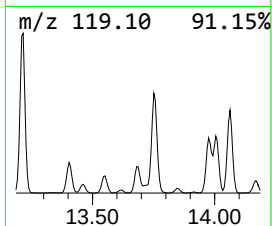
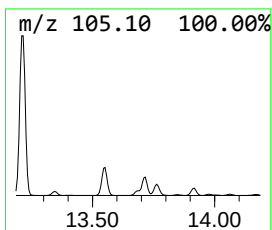
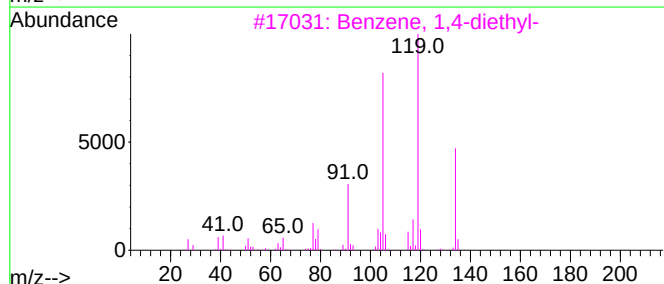
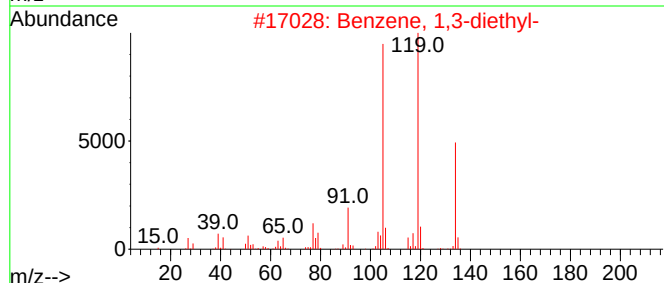
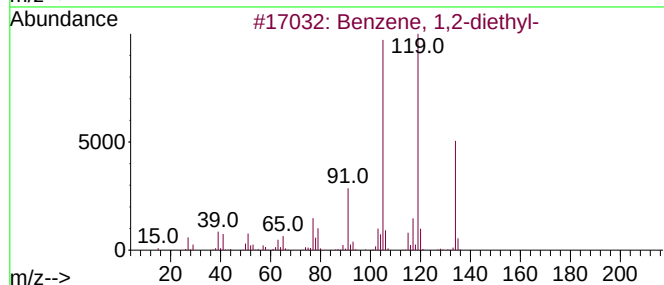
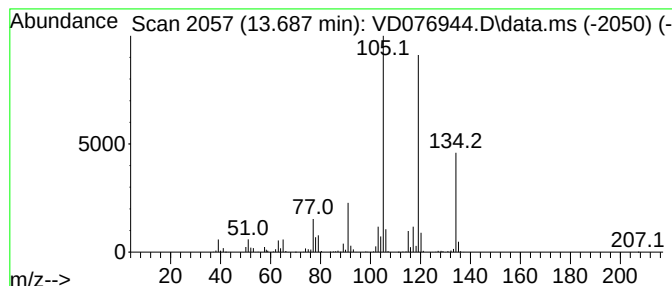
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1,2-diethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.687	12.57 ug/l	1545330	1,4-Dichlorobenzene-d4	13.522

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
2			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
3			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
4			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	83



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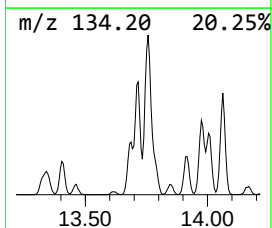
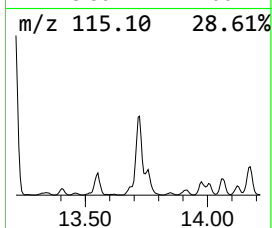
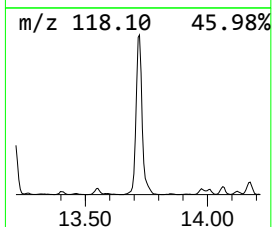
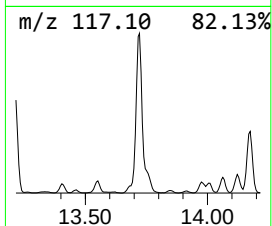
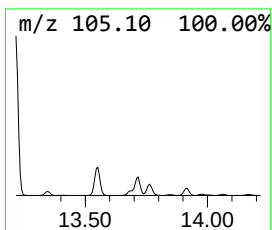
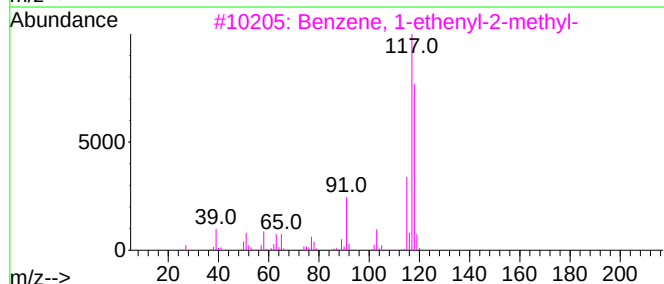
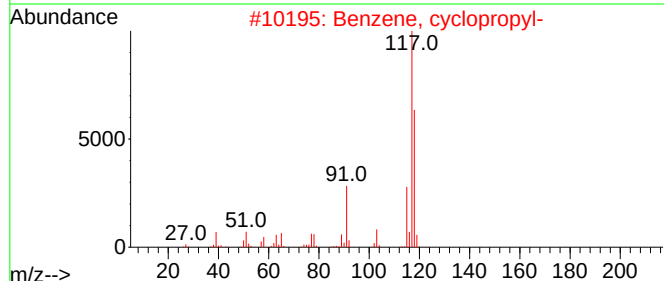
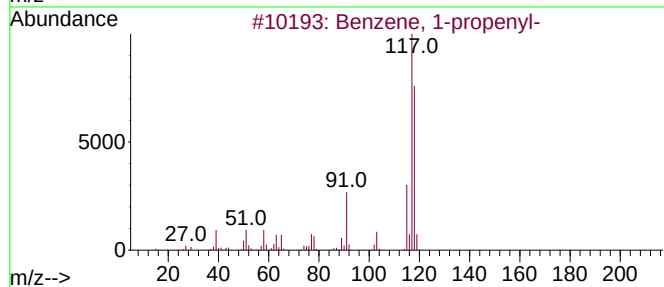
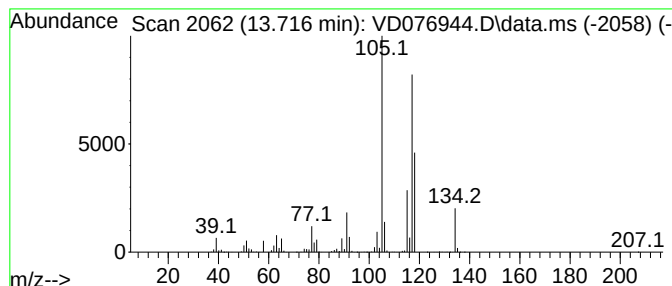
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Quant Title : SW846 8260

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

Peak Number 5 Benzene, 1-propenyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.716	54.53 ug/l	6703100	1,4-Dichlorobenzene-d4	13.522

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-propenyl-	118	C9H10	000637-50-3	64
2			Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
3			Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	64
4			Indane	118	C9H10	000496-11-7	60
5			Benzene, 2-propenyl-	118	C9H10	000300-57-2	58



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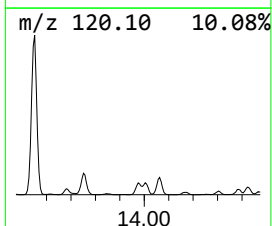
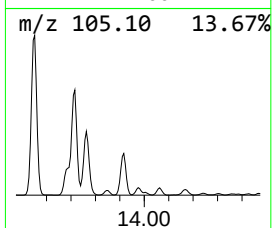
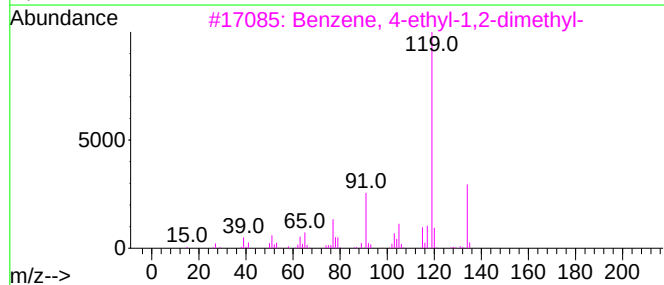
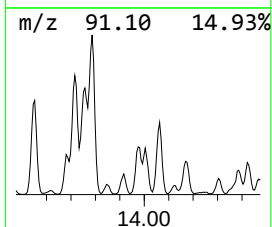
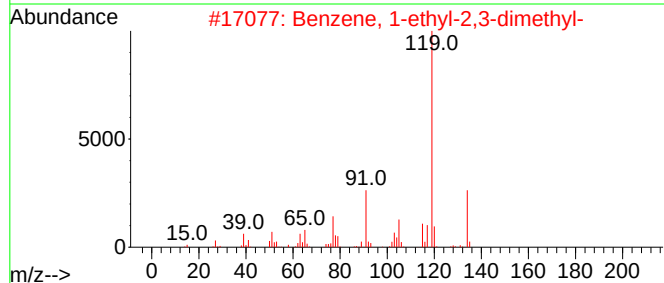
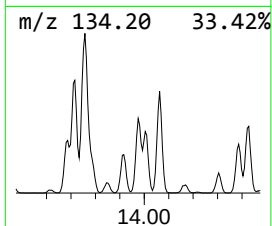
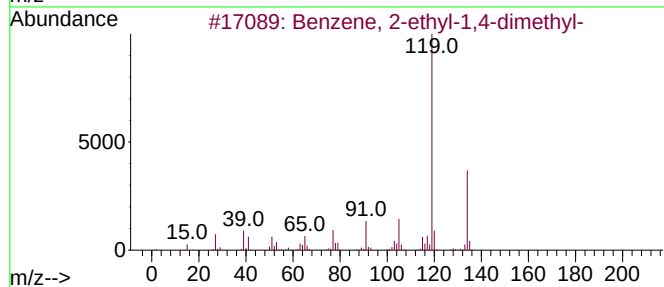
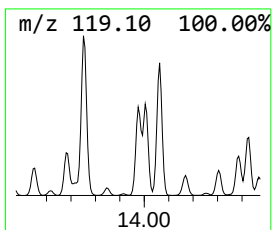
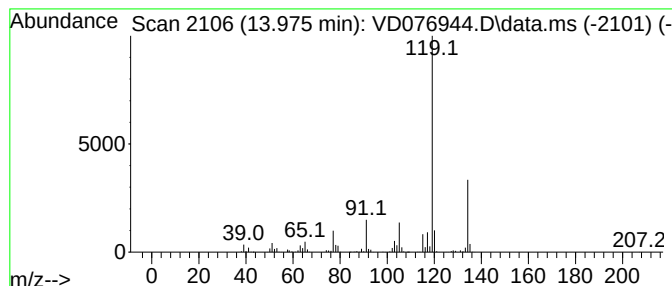
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.975	17.36 ug/l	2133890	1,4-Dichlorobenzene-d4	13.522

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
3			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
4			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
5			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080723\
Data File : VD076944.D
Acq On : 07 Aug 2023 21:21
Operator : KP/SY
Sample : 03903-07
Misc : 7.02G/5.0ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
MW-07

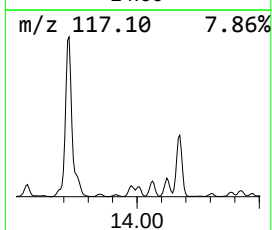
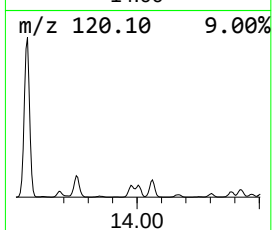
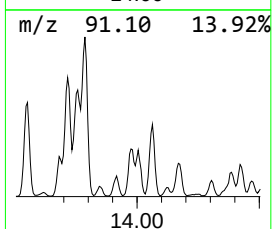
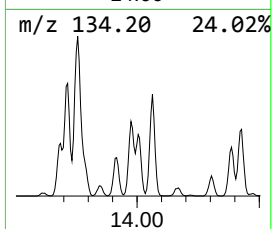
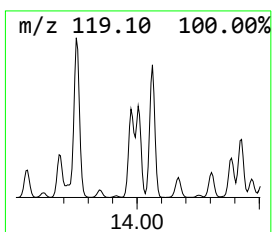
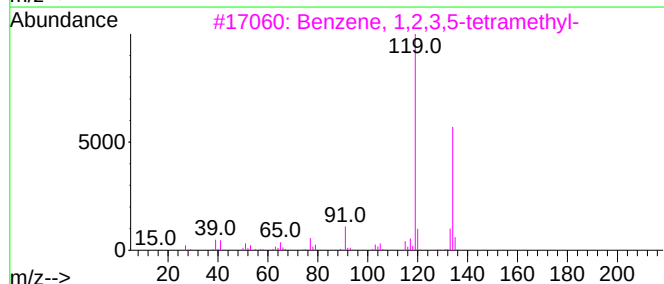
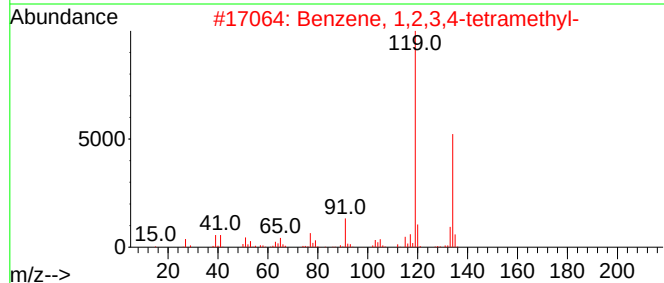
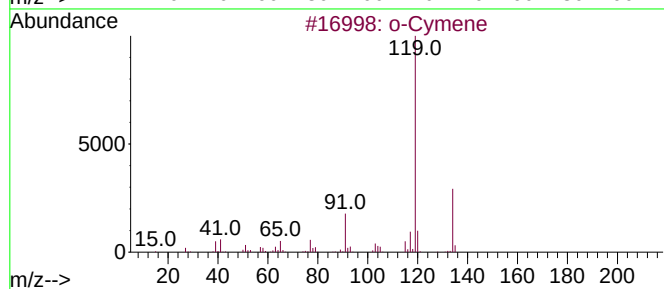
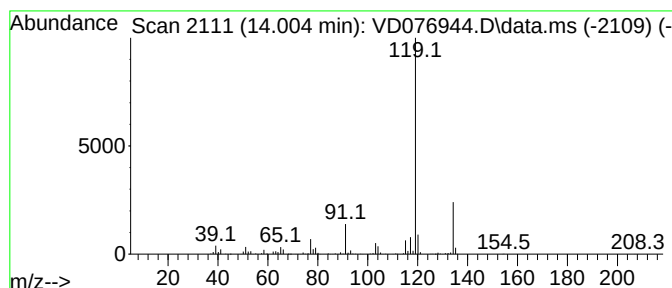
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Quant Title : SW846 8260

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

Peak Number 7 o-Cymene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.004	12.25 ug/l	1505810	1,4-Dichlorobenzene-d4	13.522

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	94
2			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
3			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
4			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
5			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080723\
Data File : VD076944.D
Acq On : 07 Aug 2023 21:21
Operator : KP/SY
Sample : 03903-07
Misc : 7.02G/5.0ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

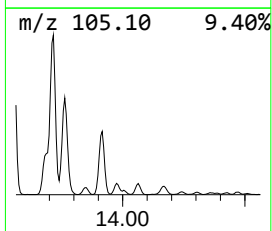
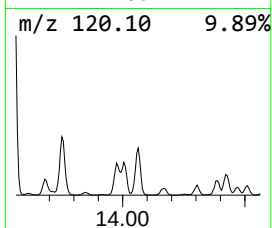
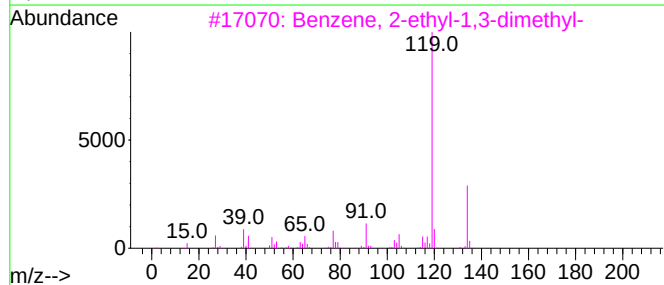
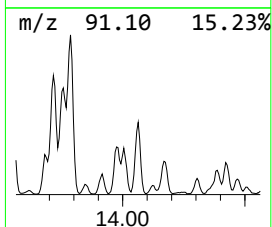
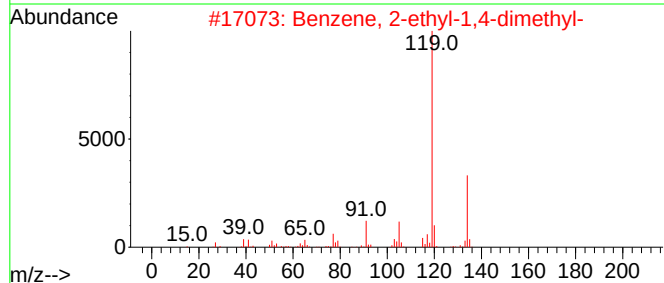
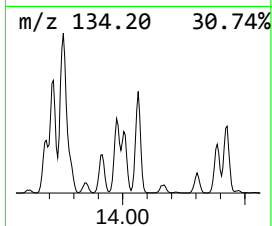
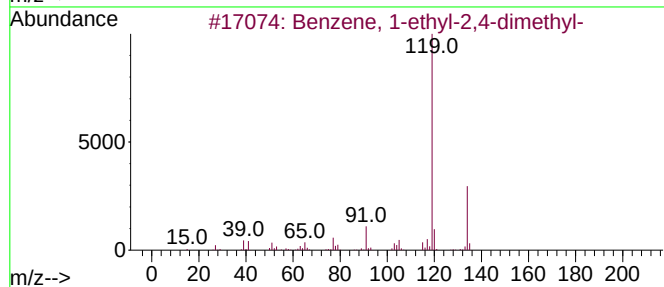
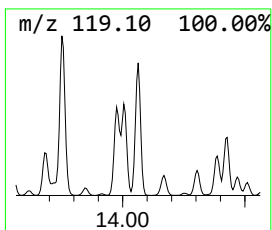
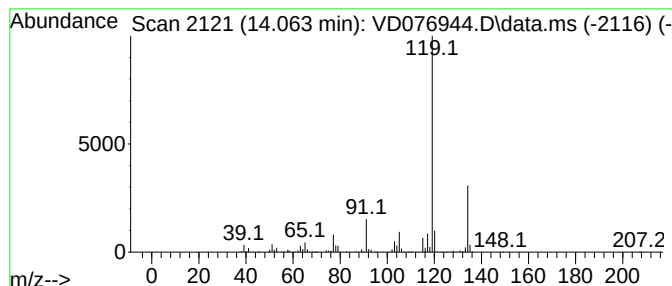
Instrument :
MSVOA_D
ClientSampleId :
MW-07

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
Quant Title : SW846 8260

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

Peak Number 8 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.063	21.48 ug/l	2640280	1,4-Dichlorobenzene-d4	13.522	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	97
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080723\
Data File : VD076944.D
Acq On : 07 Aug 2023 21:21
Operator : KP/SY
Sample : 03903-07
Misc : 7.02G/5.0ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
MW-07

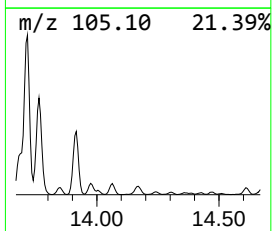
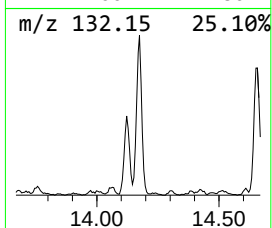
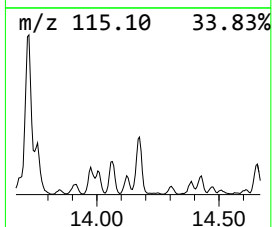
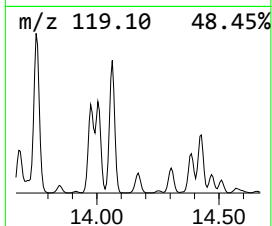
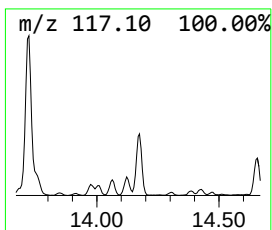
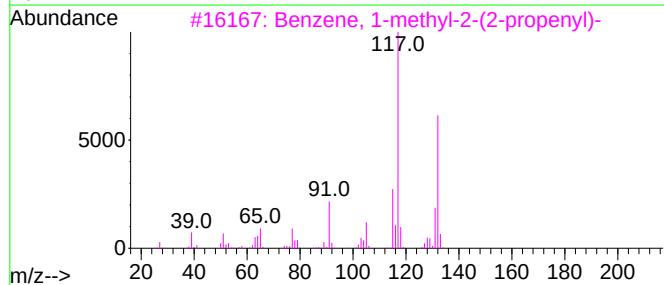
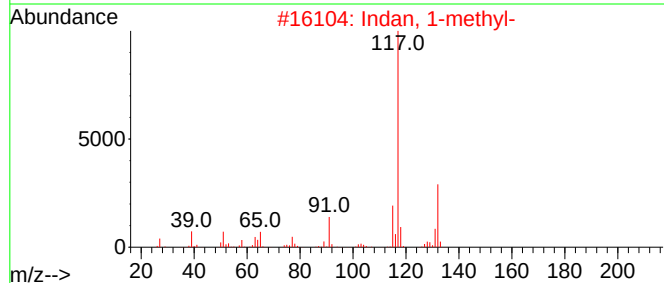
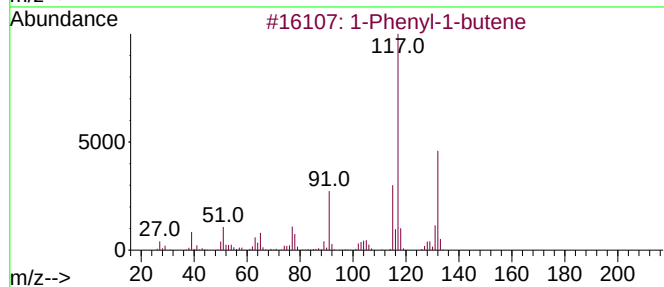
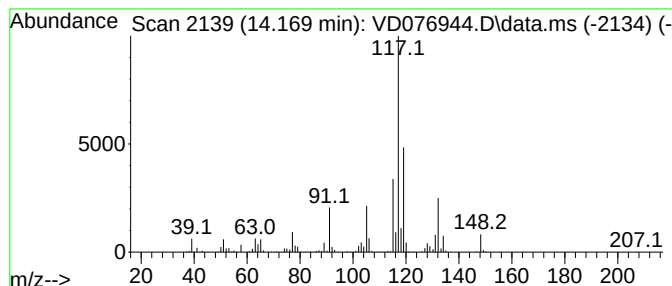
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Quant Title : SW846 8260

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

Peak Number 9 1-Phenyl-1-butene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.169	12.70 ug/l	1561220	1,4-Dichlorobenzene-d4	13.522

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Phenyl-1-butene	132	C10H12	000824-90-8	64
2		Indan, 1-methyl-	132	C10H12	000767-58-8	64
3		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	62
4		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	62
5		1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080723\
Data File : VD076944.D
Acq On : 07 Aug 2023 21:21
Operator : KP/SY
Sample : 03903-07
Misc : 7.02G/5.0ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
MW-07

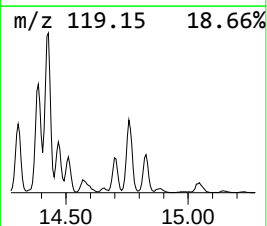
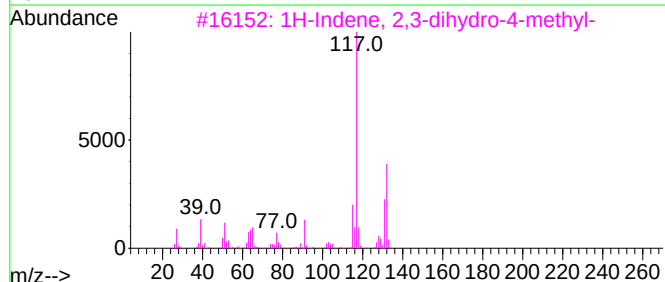
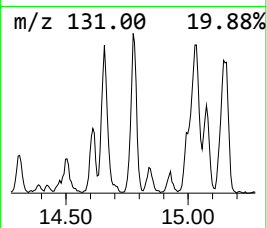
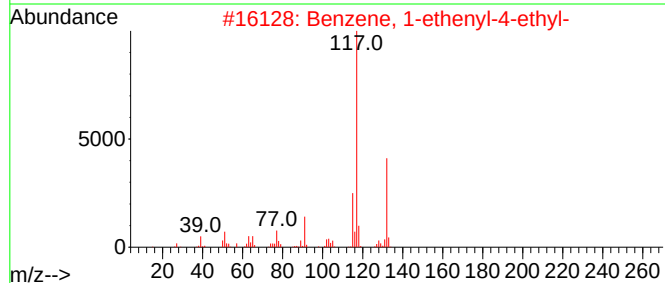
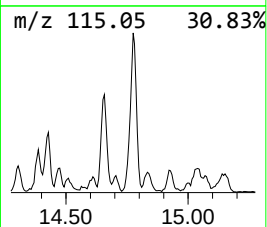
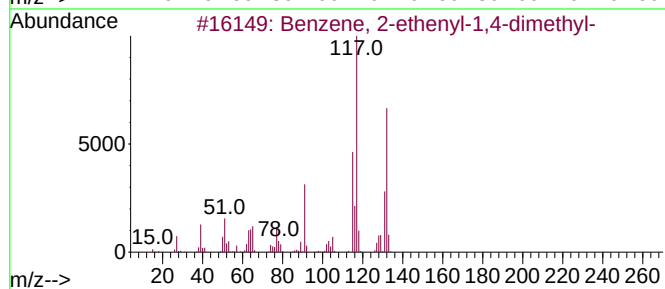
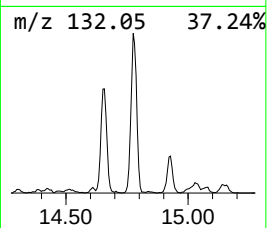
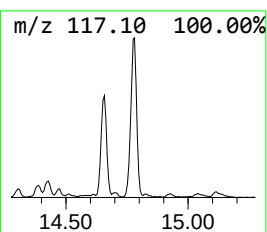
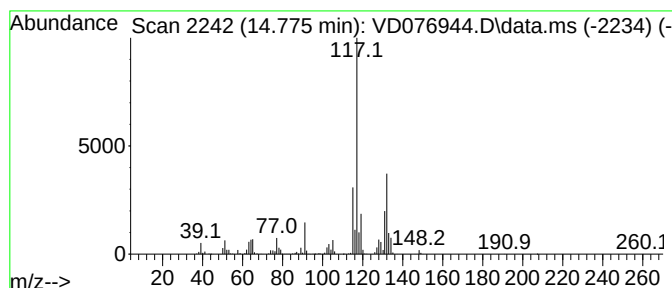
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Quant Title : SW846 8260

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

Peak Number 10 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.775	15.56 ug/l	1912660	1,4-Dichlorobenzene-d4	13.522

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	93
2			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	93
3			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
4			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
5			3-Phenylbut-1-ene	132	C10H12	000934-10-1	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080723\
Data File : VD076944.D
Acq On : 07 Aug 2023 21:21
Operator : KP/SY
Sample : 03903-07
Misc : 7.02G/5.0ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
MW-07

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.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
Heptane, 3-methyl-	10.046	50.0	ug/l	774771	2	8.775	774771	50.0
Benzene, 1-ethy...	12.828	292.5	ug/l	35962400	4	13.522	6146630	50.0
Benzene, 1-ethy...	13.063	90.0	ug/l	11060500	4	13.522	6146630	50.0
Benzene, 1,2-di...	13.687	12.6	ug/l	1545330	4	13.522	6146630	50.0
Benzene, 1-prop...	13.716	54.5	ug/l	6703100	4	13.522	6146630	50.0
Benzene, 2-ethy...	13.975	17.4	ug/l	2133890	4	13.522	6146630	50.0
o-Cymene	14.004	12.3	ug/l	1505810	4	13.522	6146630	50.0
Benzene, 1-ethy...	14.063	21.5	ug/l	2640280	4	13.522	6146630	50.0
1-Phenyl-1-butene	14.169	12.7	ug/l	1561220	4	13.522	6146630	50.0
Benzene, 2-ethe...	14.775	15.6	ug/l	1912660	4	13.522	6146630	50.0