

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071625\
 Data File : VW031875.D
 Acq On : 16 Jul 2025 15:15
 Operator : SY/MD
 Sample : Q2622-01
 Misc : 5.00g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 2819

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_W\Method\82W063025S.M
 Title : SW846 8260

Signal : TIC: VW031875.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.363	71	78	88	rBV3	8882	21879	2.24%	0.236%
2	4.954	492	503	517	rBV4	8108	31219	3.19%	0.336%
3	5.222	534	547	562	rBV2	8241	35212	3.60%	0.379%
4	5.966	657	669	685	rVB3	9769	31647	3.24%	0.341%
5	7.904	970	987	991	rBV	134573	322400	32.99%	3.473%
6	7.959	991	996	1008	rVB	236227	545002	55.76%	5.870%
7	8.319	1047	1055	1066	rBV	137261	306712	31.38%	3.304%
8	8.849	1133	1142	1156	rBV	392198	796073	81.45%	8.574%
9	10.331	1376	1385	1392	rBV	515548	955783	97.79%	10.295%
10	10.392	1392	1395	1403	rVB2	6971	13924	1.42%	0.150%
11	11.629	1590	1598	1610	rBV	560294	977362	100.00%	10.527%
12	12.464	1730	1735	1742	rBV2	9872	17263	1.77%	0.186%
13	12.617	1753	1760	1769	rBV	391501	631113	64.57%	6.798%
14	12.940	1807	1813	1818	rBV4	9321	18561	1.90%	0.200%
15	13.245	1859	1863	1868	rBV	9007	15300	1.57%	0.165%
16	13.446	1889	1896	1899	rBV7	9975	26358	2.70%	0.284%
17	13.556	1908	1914	1922	rBV	511621	862808	88.28%	9.293%
18	13.745	1941	1945	1949	rBV	14347	23102	2.36%	0.249%
19	13.787	1949	1952	1957	rVV3	8020	13489	1.38%	0.145%
20	13.867	1960	1965	1971	rBV3	140826	230052	23.54%	2.478%
21	14.086	1990	2001	2007	rVB6	24777	68752	7.03%	0.741%
22	14.196	2014	2019	2024	rBV4	39321	79064	8.09%	0.852%
23	14.263	2025	2030	2035	rBV8	24188	51109	5.23%	0.550%
24	14.324	2036	2040	2044	rBV6	32028	58410	5.98%	0.629%
25	14.379	2044	2049	2052	rBV2	88276	140462	14.37%	1.513%
26	14.495	2064	2068	2071	rBV6	28818	56316	5.76%	0.607%
27	14.543	2072	2076	2081	rVV4	81153	132077	13.51%	1.423%
28	14.598	2081	2085	2089	rVV4	48275	83342	8.53%	0.898%
29	14.799	2111	2118	2121	rBV5	100148	243959	24.96%	2.628%
30	14.848	2122	2126	2131	rVB4	159117	297644	30.45%	3.206%
31	14.964	2140	2145	2148	rBV3	139269	266552	27.27%	2.871%
32	14.994	2148	2150	2155	rVB3	119968	155106	15.87%	1.671%
33	15.055	2155	2160	2165	rBV5	138788	265791	27.19%	2.863%
34	15.165	2173	2178	2183	rBV6	93525	228458	23.37%	2.461%
35	15.318	2200	2203	2209	rBV5	112832	180828	18.50%	1.948%
36	15.409	2210	2218	2223	rBV10	167449	549259	56.20%	5.916%

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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 >
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37	15.860	2288	2292	2297	rBV5	262168	551834	56.46%	5.944%
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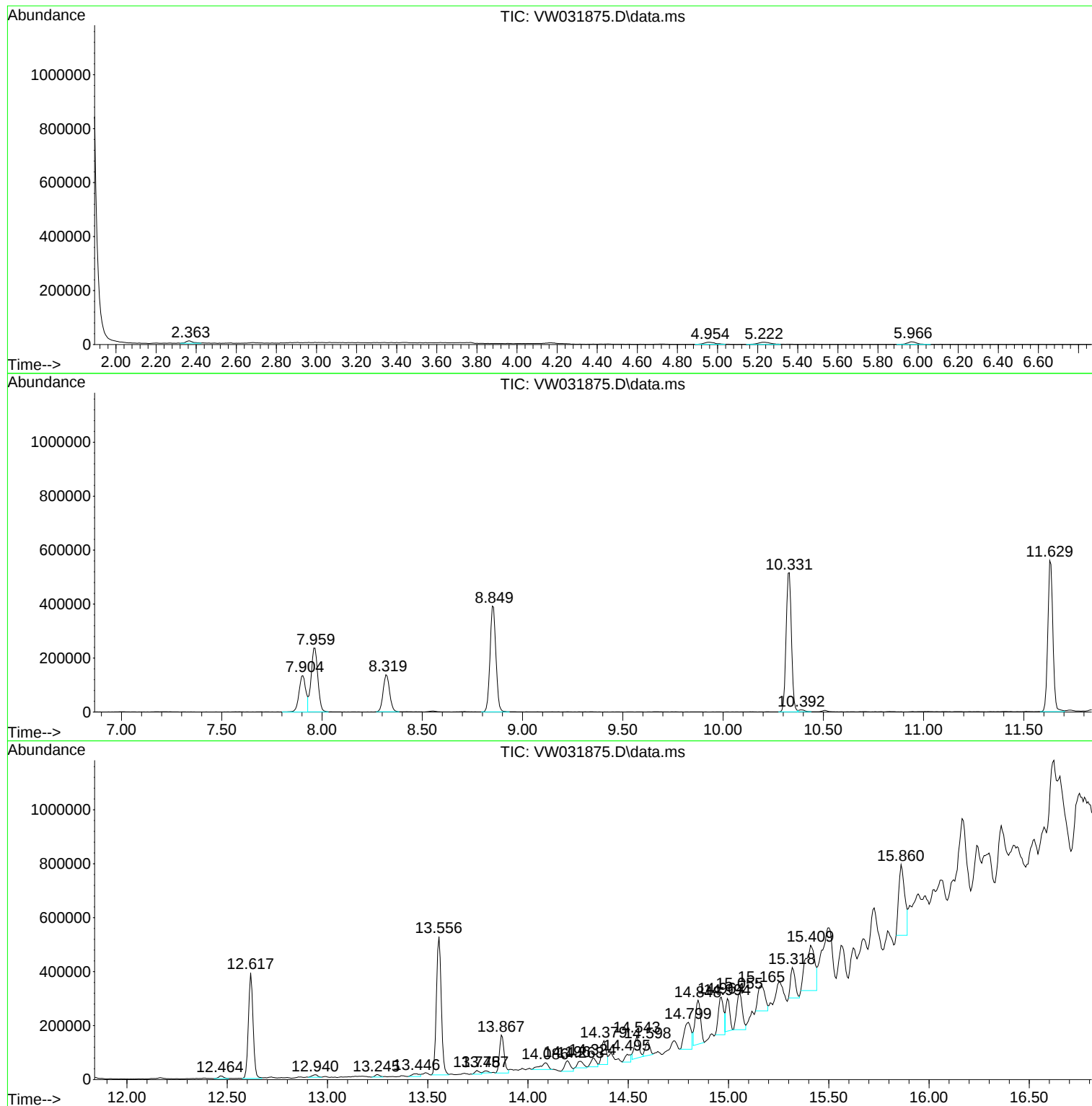
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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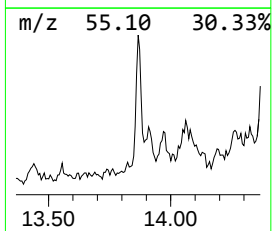
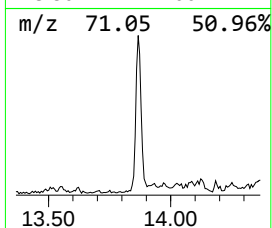
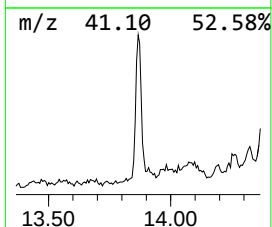
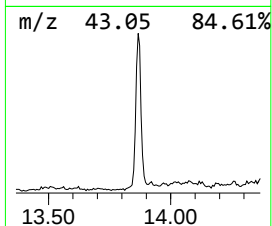
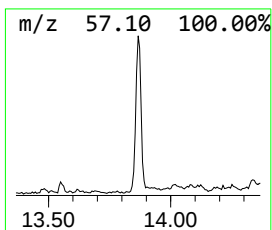
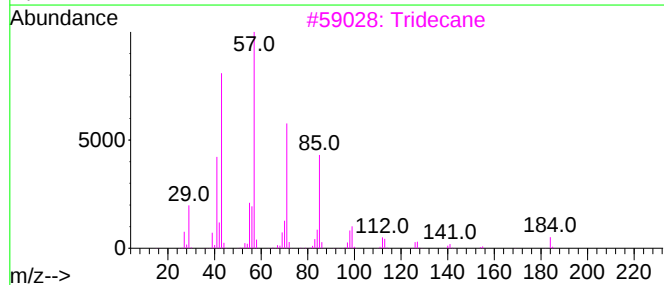
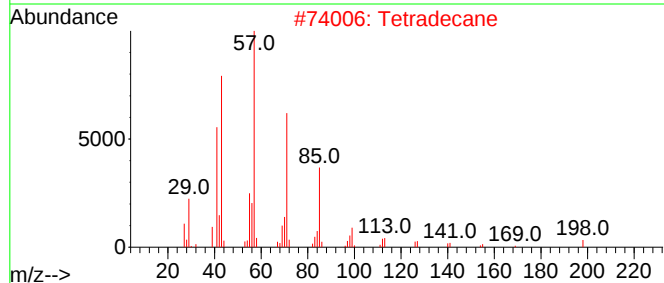
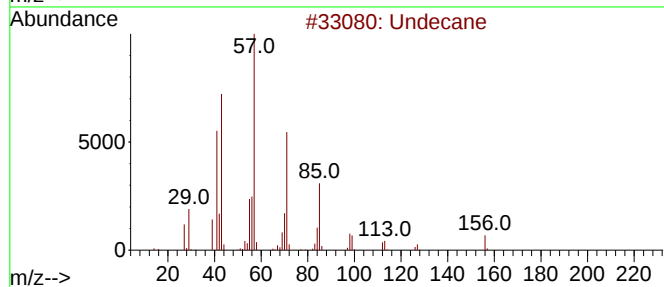
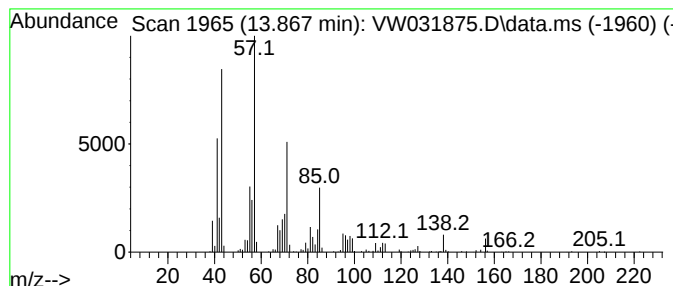
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

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

Peak Number 1 Undecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.867	13.33 ug/l	230052	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane			156	C11H24	001120-21-4	96
2	Tetradecane			198	C14H30	000629-59-4	80
3	Tridecane			184	C13H28	000629-50-5	80
4	Dodecane			170	C12H26	000112-40-3	80
5	Decane			142	C10H22	000124-18-5	80



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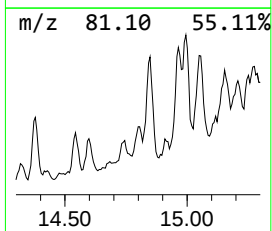
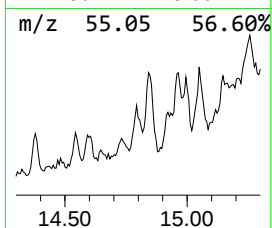
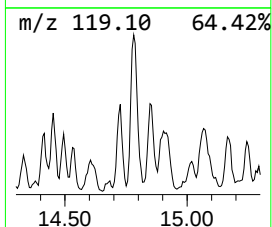
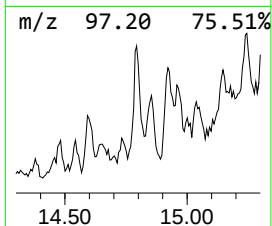
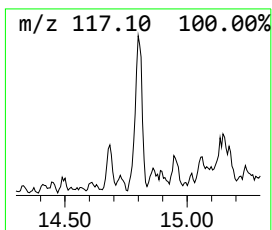
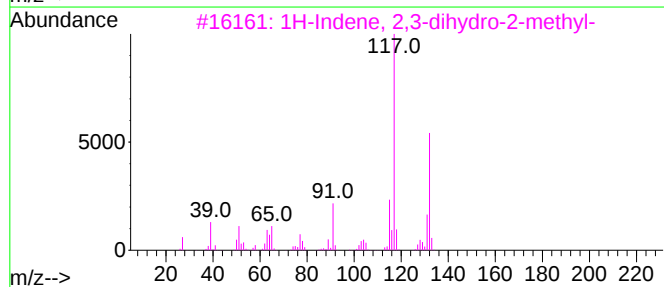
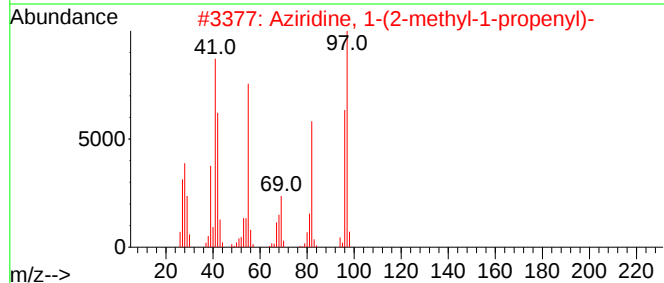
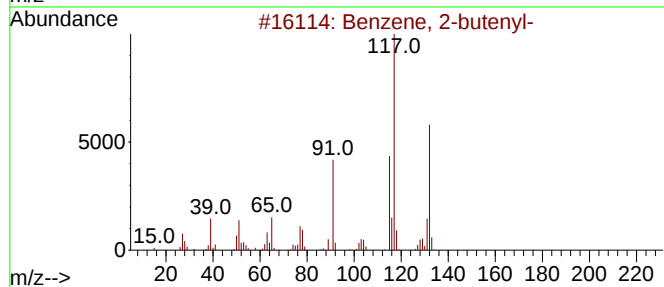
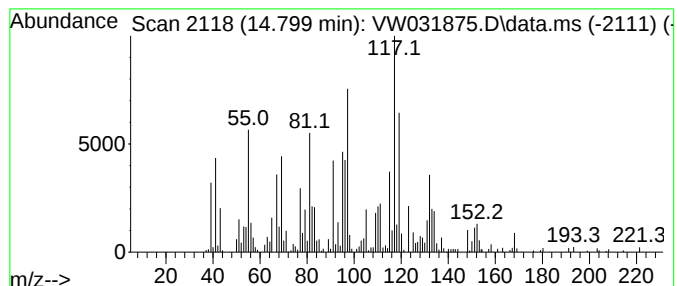
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

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

Peak Number 2 unknown14.799 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.799	14.14 ug/l	243959	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-butenyl-	132	C10H12	001560-06-1	44
2			Aziridine, 1-(2-methyl-1-propenyl)-	97	C6H11N	080839-93-6	35
3			1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	25
4			Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	25
5			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	25



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ALS Vial : 14 Sample Multiplier: 1

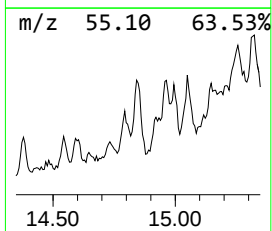
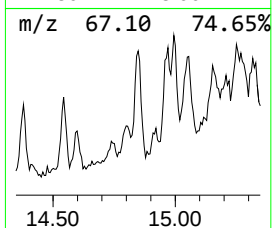
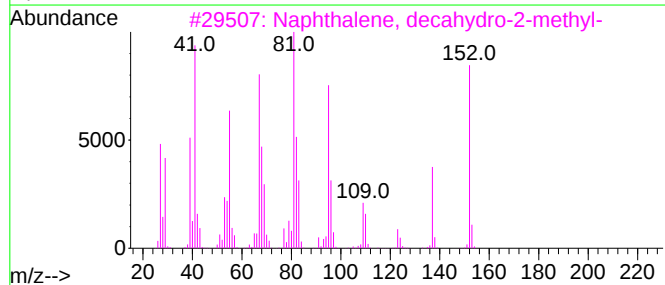
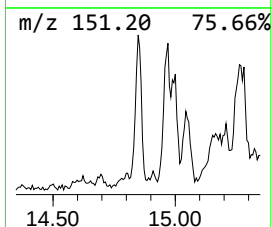
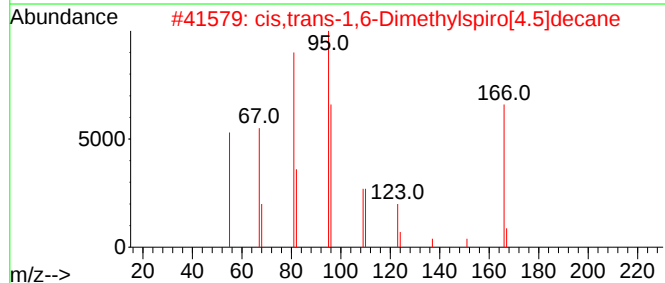
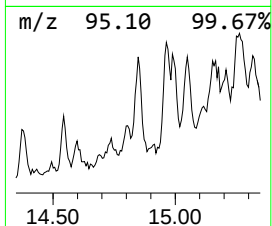
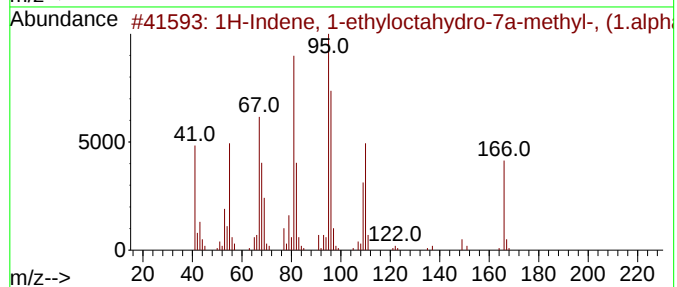
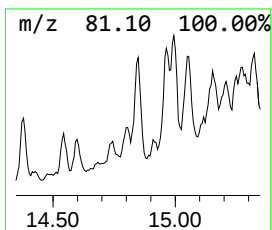
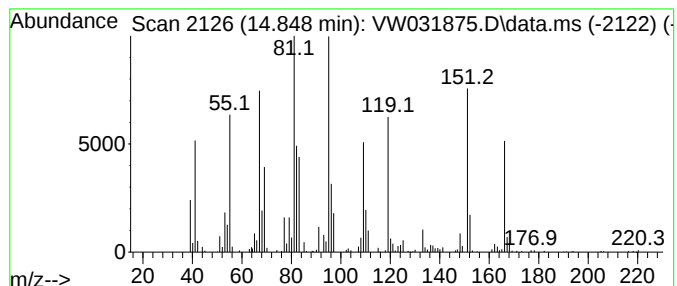
Instrument :
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ClientSampleId :
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 1H-Indene, 1-ethyloctahydro... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.848	17.25 ug/l	297644	1,4-Dichlorobenzene-d4	13.556	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-ethyloctahydro-7a-m...	166	C12H22	056324-71-1	55
2	cis,trans-1,6-Dimethylspiro[4.5]...	166	C12H22	1000111-72-3	53
3	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	53
4	2(1H)-Naphthalenone, octahydro-8...	166	C11H18O	001197-95-1	50
5	Spiro[5.6]dodecane	166	C12H22	000181-15-7	50



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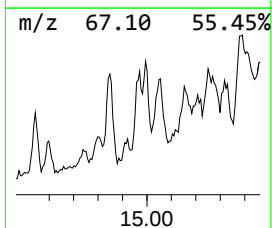
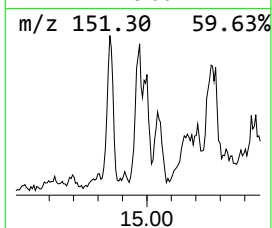
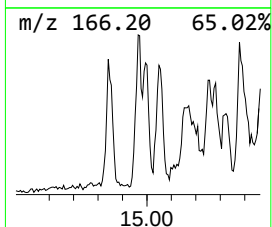
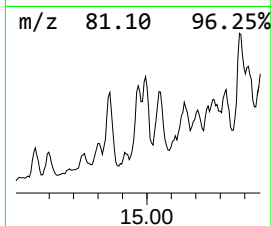
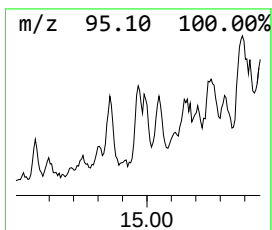
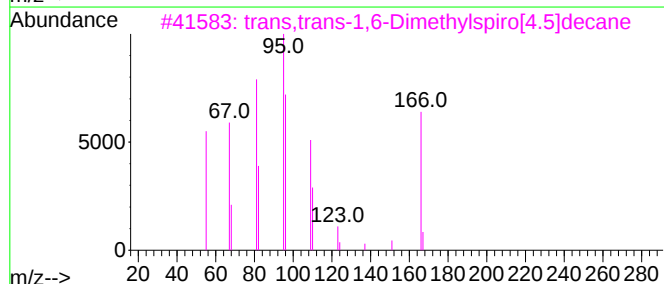
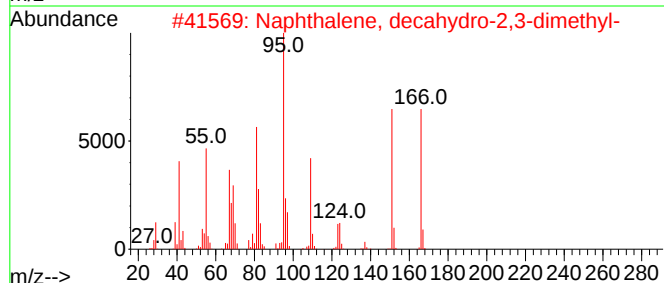
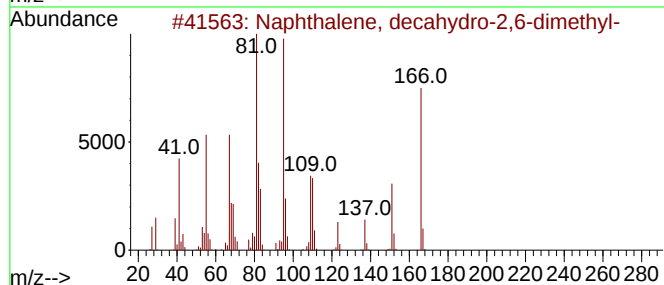
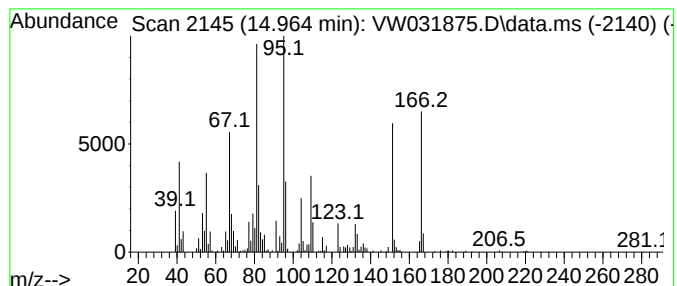
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, decahydro-2,6-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.964	15.45 ug/l	266552	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2,6-dimet...	166	C12H22	001618-22-0	90
2			Naphthalene, decahydro-2,3-dimet...	166	C12H22	001008-80-6	58
3			trans,trans-1,6-Dimethylspiro[4...	166	C12H22	1000111-72-1	46
4			Cyclohexene,1-hexyl-	166	C12H22	003964-66-7	46
5			1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	38



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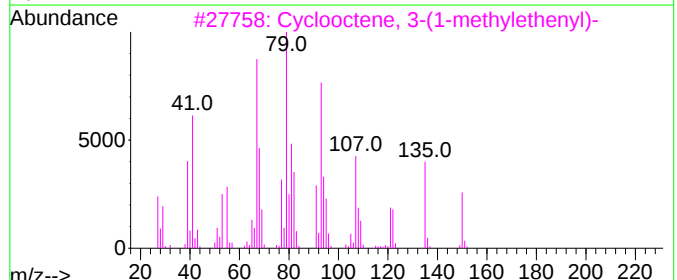
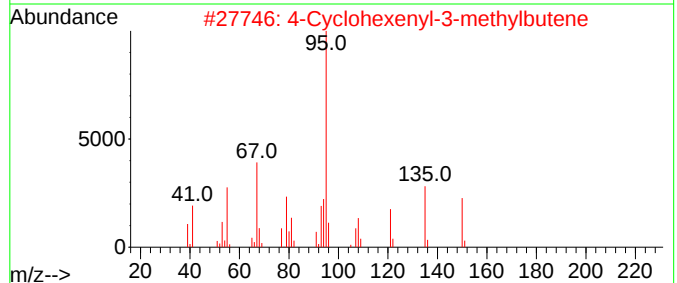
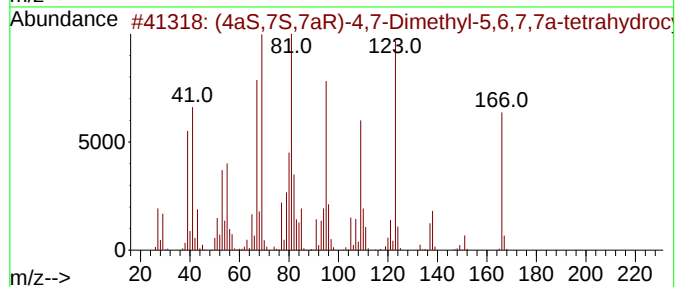
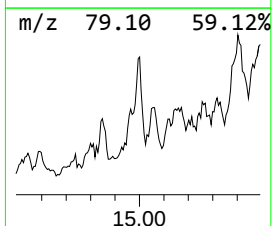
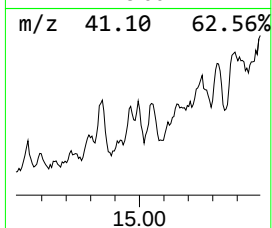
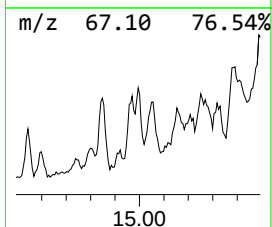
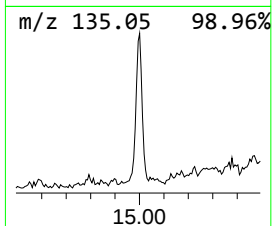
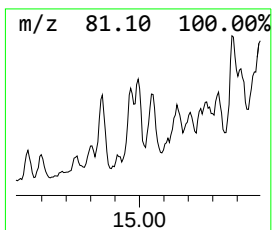
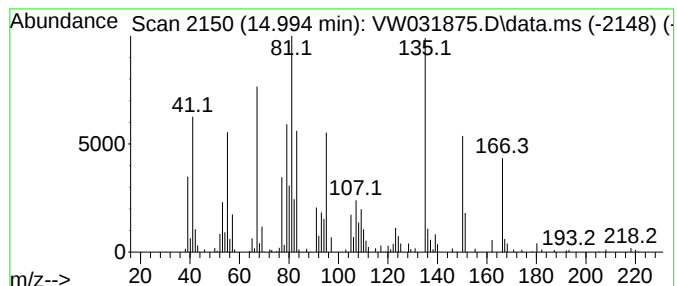
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown14.994 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.994	8.99 ug/l	155106	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	(4aS,7S,7aR)-4,7-Dimethyl-5,6,7,...	166	C10H14O2	021651-62-7	49		
2	4-Cyclohexenyl-3-methylbutene	150	C11H18	1000432-70-6	38		
3	Cyclooctene, 3-(1-methylethenyl)-	150	C11H18	061233-78-1	38		
4	Naphthalene, decahydro-1,5-dimet...	166	C12H22	066552-62-3	35		
5	3,6-Dimethyl-4,5,6,7-tetrahydro...	166	C10H14O2	016642-41-4	30		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071625\
Data File : VW031875.D
Acq On : 16 Jul 2025 15:15
Operator : SY/MD
Sample : Q2622-01
Misc : 5.00g/5mL/MSVOA_W/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
2819

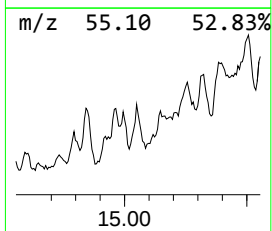
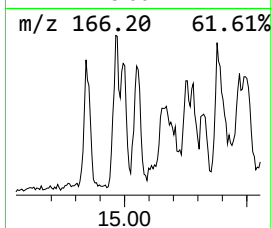
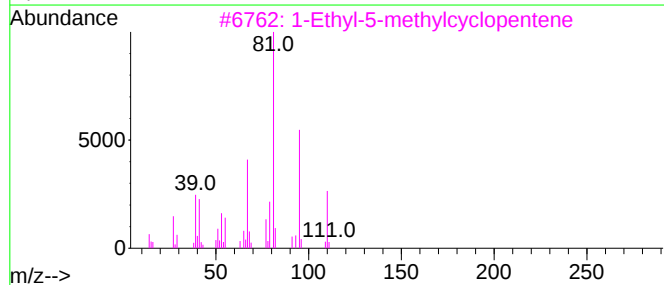
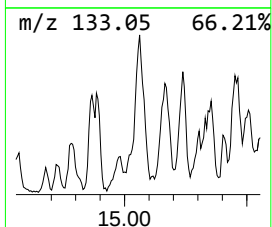
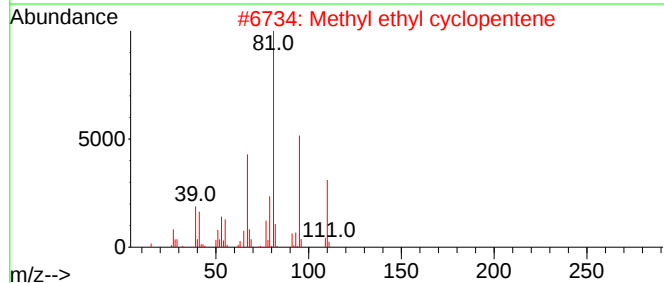
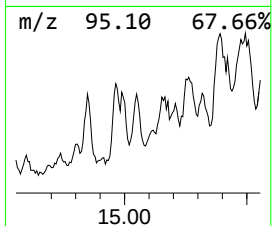
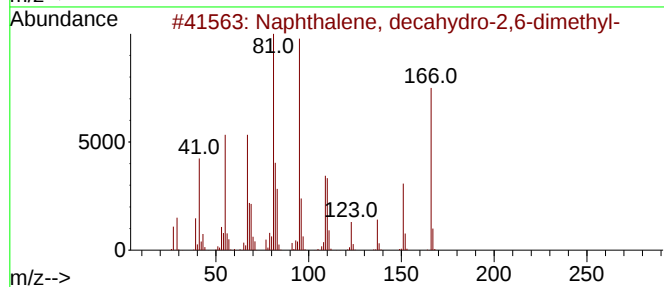
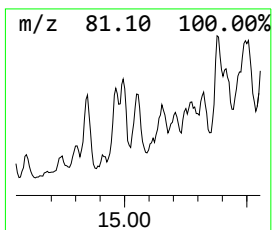
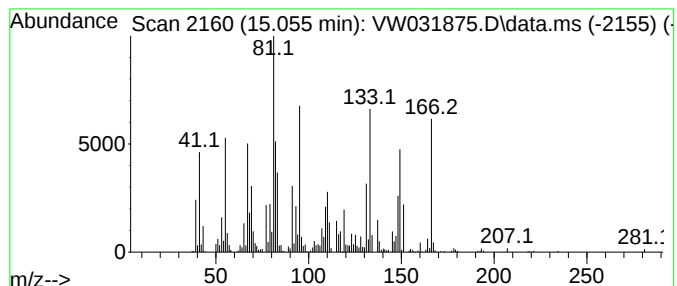
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Quant Title : SW846 8260

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

Peak Number 6 unknown15.055 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.055	15.40 ug/l	265791	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2,6-dimet...	166	C12H22	001618-22-0	49
2			Methyl ethyl cyclopentene	110	C8H14	019780-56-4	30
3			1-Ethyl-5-methylcyclopentene	110	C8H14	097797-57-4	30
4			1H-Imidazole, 2-propyl-	110	C6H10N2	050995-95-4	27
5			trans,trans-1,6-Dimethylspiro[4...	166	C12H22	1000111-72-1	18



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071625\
Data File : VW031875.D
Acq On : 16 Jul 2025 15:15
Operator : SY/MD
Sample : Q2622-01
Misc : 5.00g/5mL/MSVOA_W/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
2819

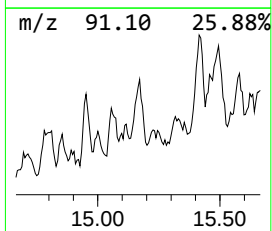
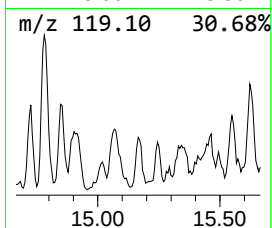
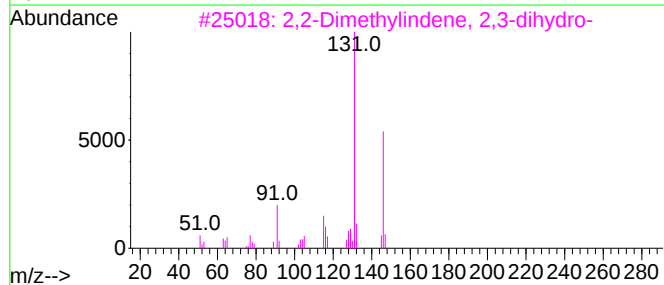
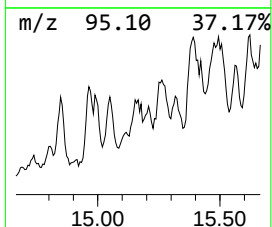
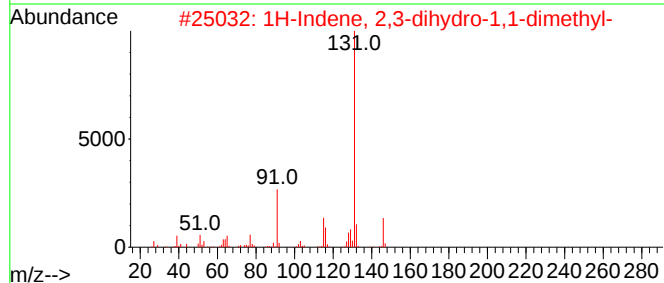
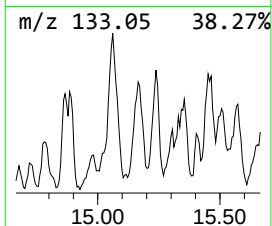
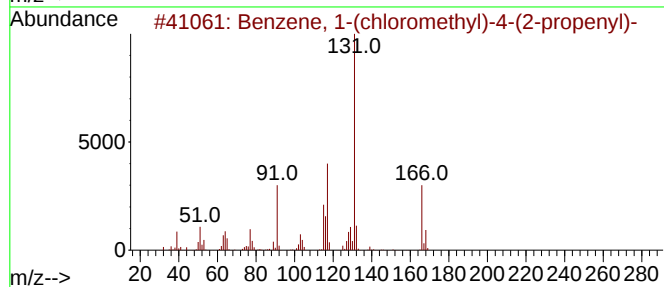
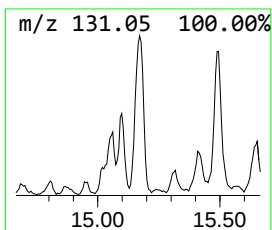
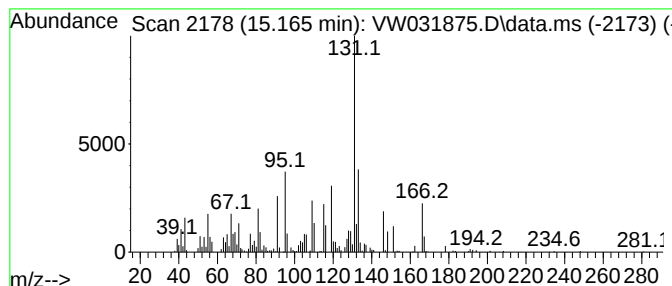
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Quant Title : SW846 8260

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

Peak Number 7 unknown15.165 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.165	13.24 ug/l	228458	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-(chloromethyl)-4-(2-p...	166	C10H11Cl	036875-10-2	46
2			1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	42
3			2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	42
4			Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	42
5			Benzene, (2-chloro-2-butenyl)-	166	C10H11Cl	054411-12-0	41



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071625\
Data File : VW031875.D
Acq On : 16 Jul 2025 15:15
Operator : SY/MD
Sample : Q2622-01
Misc : 5.00g/5mL/MSVOA_W/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
2819

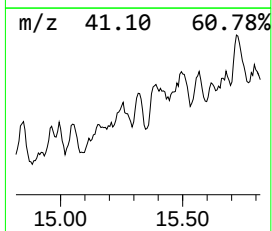
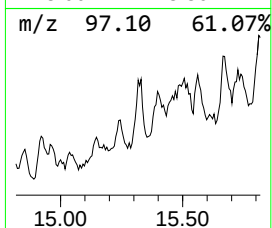
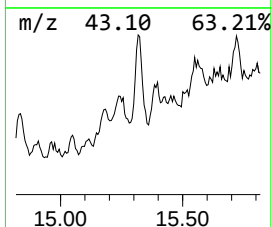
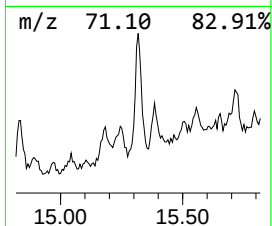
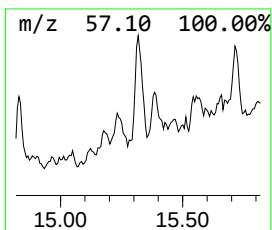
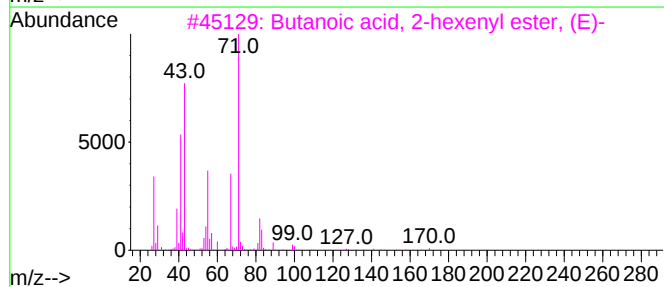
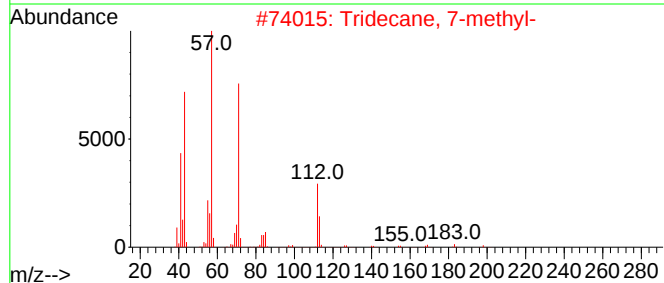
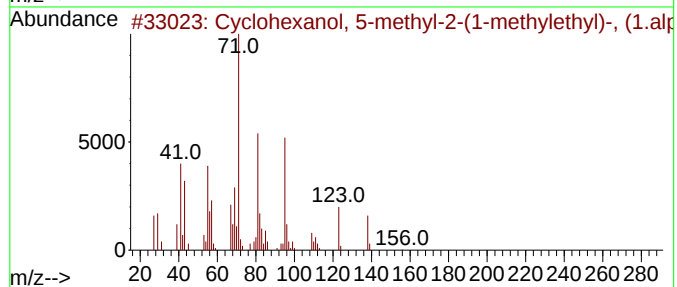
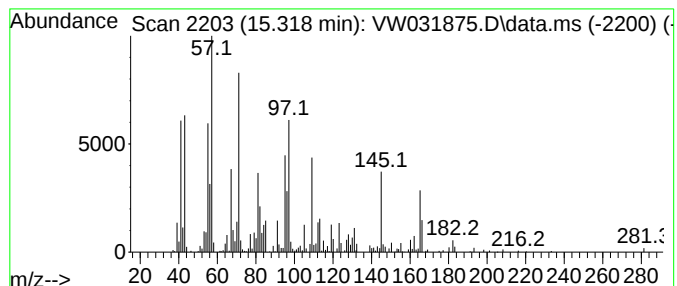
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Quant Title : SW846 8260

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

Peak Number 8 unknown15.318 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.318	10.48 ug/l	180828	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	003623-52-7	35
2			Tridecane, 7-methyl-	198	C14H30	026730-14-3	25
3			Butanoic acid, 2-hexenyl ester, ...	170	C10H18O2	053398-83-7	22
4			1-Decene, 4-methyl-	154	C11H22	013151-29-6	15
5			5-Octen-2-ol, 5-methyl-	142	C9H18O	118989-20-1	14



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071625\
Data File : VW031875.D
Acq On : 16 Jul 2025 15:15
Operator : SY/MD
Sample : Q2622-01
Misc : 5.00g/5mL/MSVOA_W/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
2819

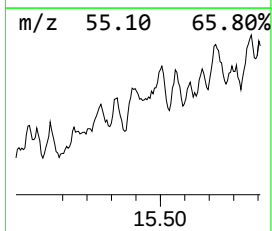
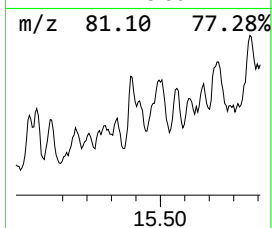
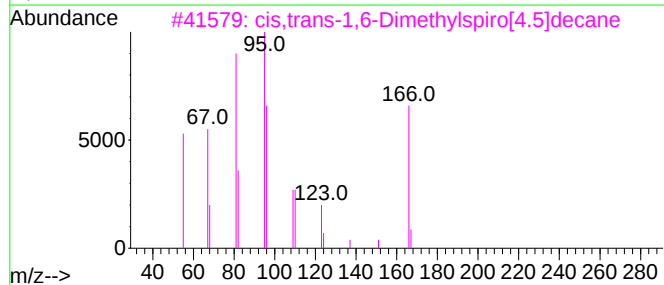
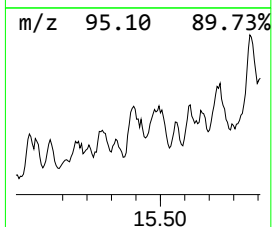
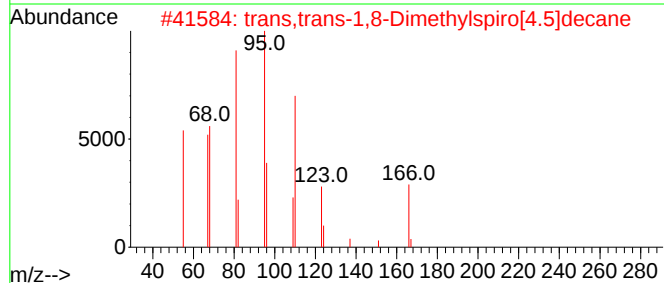
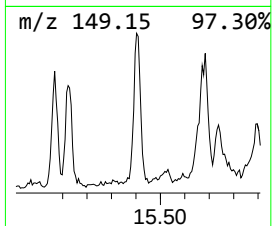
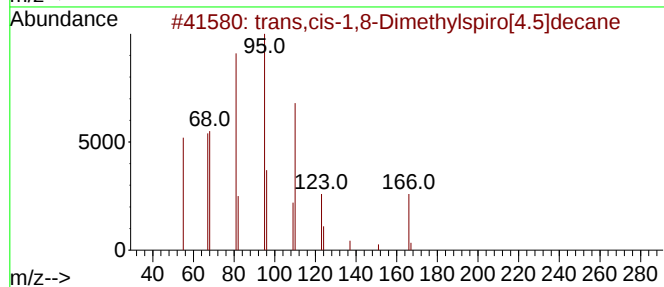
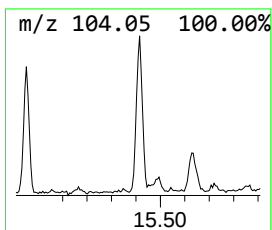
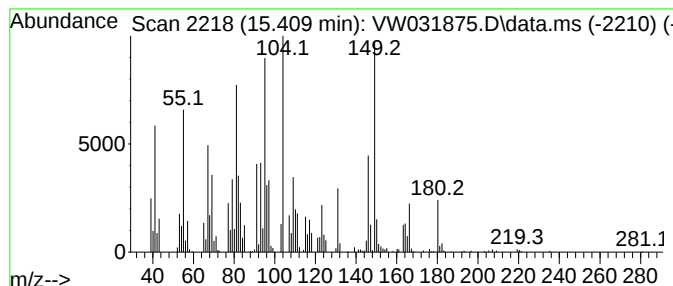
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Quant Title : SW846 8260

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

Peak Number 9 unknown15.409 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.409	31.83 ug/l	549259	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans,cis-1,8-Dimethylspiro[4.5]...	166	C12H22	1000111-72-9	42
2			trans,trans-1,8-Dimethylspiro[4...	166	C12H22	1000111-72-8	42
3			cis,trans-1,6-Dimethylspiro[4.5]...	166	C12H22	1000111-72-3	41
4			trans,trans-1,6-Dimethylspiro[4...	166	C12H22	1000111-72-1	41
5			cis,cis-1,9-Dimethylspiro[5.5]un...	180	C13H24	1000111-73-4	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071625\
Data File : VW031875.D
Acq On : 16 Jul 2025 15:15
Operator : SY/MD
Sample : Q2622-01
Misc : 5.00g/5mL/MSVOA_W/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
2819

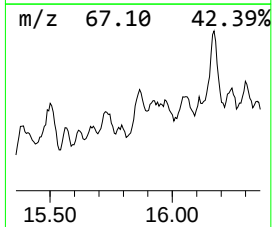
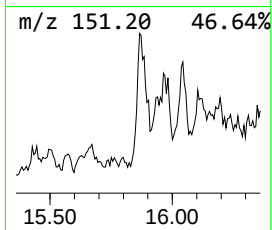
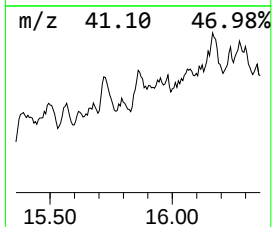
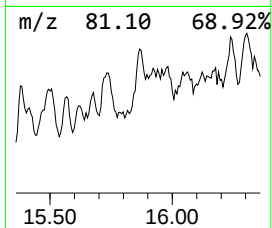
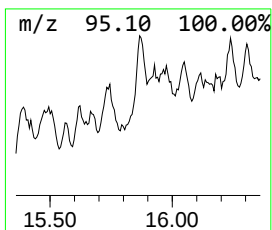
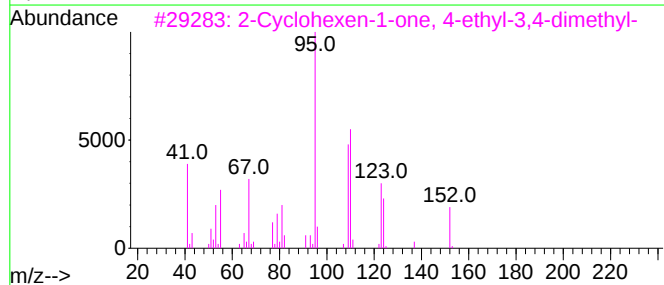
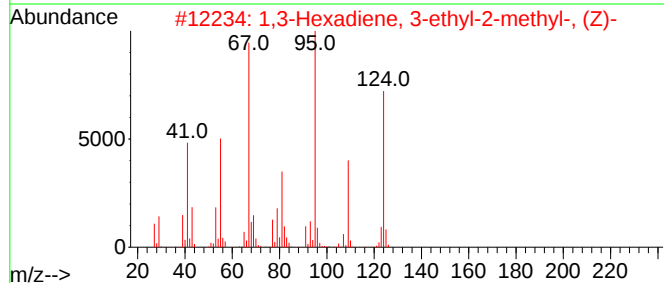
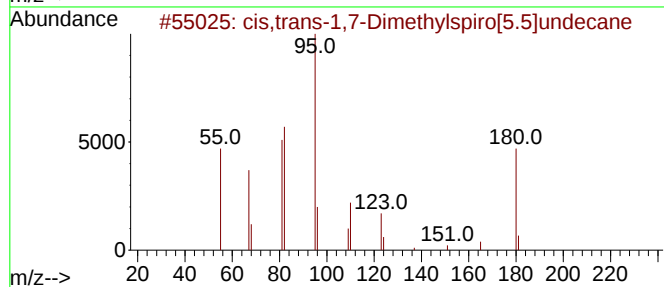
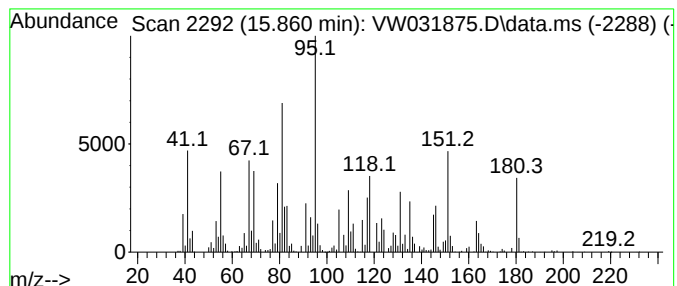
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Quant Title : SW846 8260

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

Peak Number 10 unknown15.860 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.860	31.98 ug/l	551834	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			cis,trans-1,7-Dimethylspiro[5.5]...	180	C13H24	1000111-73-1	38
2			1,3-Hexadiene, 3-ethyl-2-methyl-...	124	C9H16	074752-97-9	38
3			2-Cyclohexen-1-one, 4-ethyl-3,4-...	152	C10H16O	017622-46-7	35
4			1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	30
5			5,7-Octadien-4-one, 2,6-dimethyl...	152	C10H16O	003588-18-9	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071625\
Data File : VW031875.D
Acq On : 16 Jul 2025 15:15
Operator : SY/MD
Sample : Q2622-01
Misc : 5.00g/5mL/MSVOA_W/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
2819

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

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

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					#	RT	Resp	Conc
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unknown14.799	14.799	14.1	ug/l	243959	4	13.556	862808	50.0
1H-Indene, 1-et...	14.848	17.3	ug/l	297644	4	13.556	862808	50.0
Naphthalene, de...	14.964	15.4	ug/l	266552	4	13.556	862808	50.0
unknown14.994	14.994	9.0	ug/l	155106	4	13.556	862808	50.0
unknown15.055	15.055	15.4	ug/l	265791	4	13.556	862808	50.0
unknown15.165	15.165	13.2	ug/l	228458	4	13.556	862808	50.0
unknown15.318	15.318	10.5	ug/l	180828	4	13.556	862808	50.0
unknown15.409	15.409	31.8	ug/l	549259	4	13.556	862808	50.0
unknown15.860	15.860	32.0	ug/l	551834	4	13.556	862808	50.0